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# Product

## dimensioning

# Dimensioning – Swivel chairs

## 1. Standard references

Measurements should be carried out in accordance with EN standards.

### 1.1. For swivel chairs:

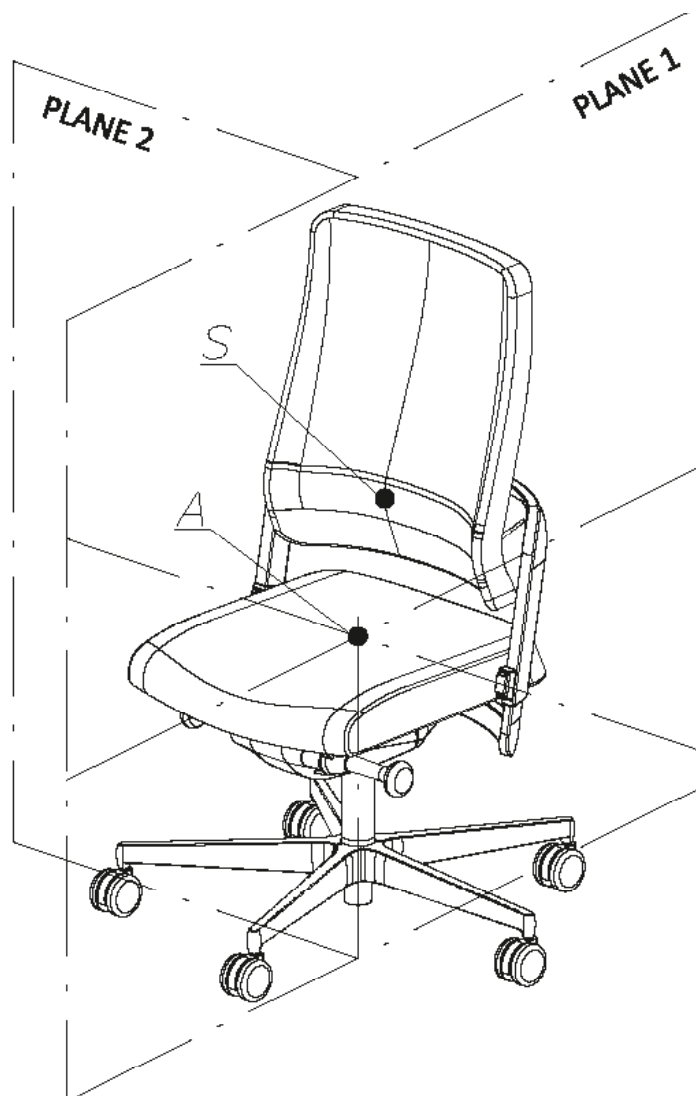
EN 1335 –1:2000 / AC:2002 – Office furniture  
– Office operative chair – Part 1: Dimensions -  
dimension meaning

All dimensions are given in millimeters.

The given dimensions may vary depending on the selected product configuration (applies to optional components, e.g. type of upholstery, castors / glides, gas lift)

### Definitions:

- “A” point – the point at which the chair axis of rotation intersects the seat loaded with a 64 kg heavy dummy,
- median plane (PLANE 1) – vertical plane passing through the “A” point and dividing the chair into two symmetrical parts,
- transverse plane (PLANE 2) – vertical plane perpendicular to the median plane, passing through the “A” point,
- “S” point – the most forward point of backrest lying in the median plane.

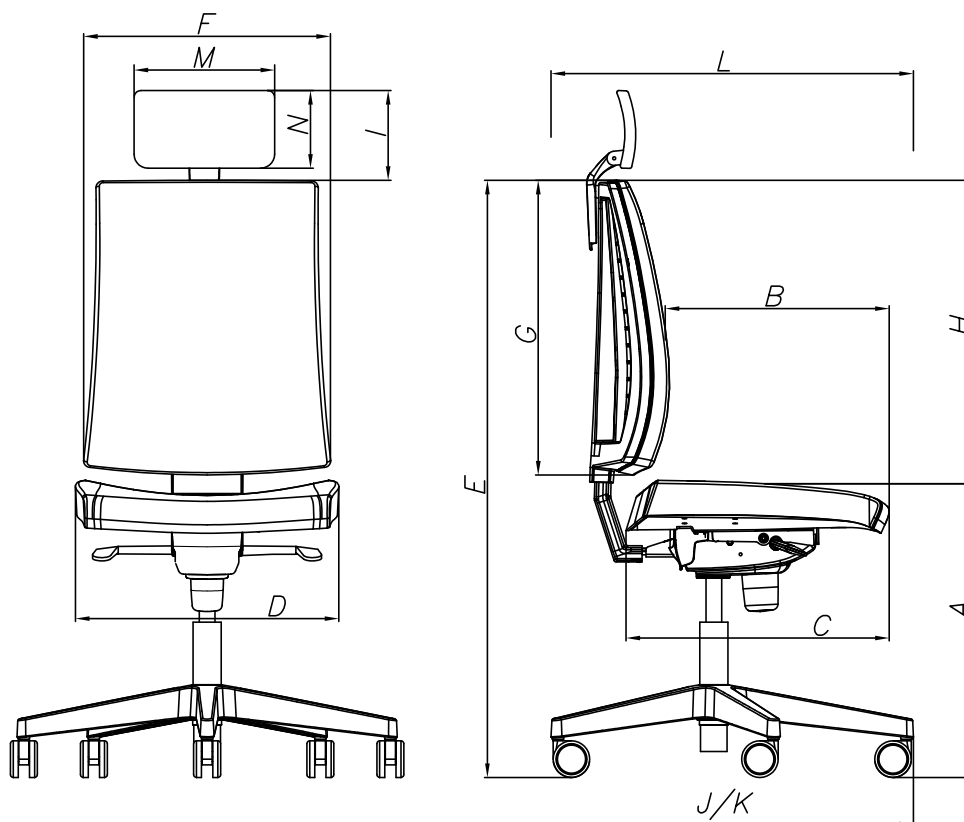


# Dimensioning – Swivel chairs

## 2. Swivel chairs

The measurement of swivel chairs is performed with the mechanism set in such a position that the seat is as horizontal as possible and the backrest is as vertical as possible.

Swivel chairs are measured on castors for soft floors.



### A – Seat height

(according to “a” standard)

Seat height is the vertical distance between the ground and the “A” point of the chair.

For products with a gas lift, the measurement is performed with the minimum and maximum shock absorber extension.

### B – Seat depth

(according to “b” standard)

Seat depth is the distance between the seat front edge and the vertical projection of “S” backrest points measured in the median plane.

For products with seat depth adjustment, the measurement is performed with the minimum and maximum seat extension.

### C – Seat surface depth

(according to “c” standard)

Seat surface depth is the maximum distance between vertical lines passing through the front and rear edges of the seat, measured in the median plane.

### D – Seat width

(according to “d” standard)  
Seat width is the distance between the vertical lines passing through the seat side edges, measured in transverse plane.

### E – Overall height

(not included in standard)

Overall height of the product measured in straight perpendicular line to the ground, from the ground to the backrest highest point. For products with a gas lift, the measurement is given with the minimum and maximum gas lift extension.

For products with height adjustable backrest, the measurement is given with the minimum and maximum position of backrest and gas lift. For chairs in which the headrest is structurally an integral part of the backrest, the overall height should be given by taking into account the headrest.

### F – Backrest width

(according to “i” standard)

Backrest width is the maximum distance between the backrest side edges.

### G – Backrest length

(according to “g” standard)

Backrest length is the vertical distance between the top and bottom edges of backrest, measured in the median plane.

### H – Backrest height

(according to “h” standard)

Backrest height is the vertical distance between the top edge of backrest and the “A” point, measured in the median plane.

In case of a product with height adjustable backrest, the measurement is given with the minimum and maximum backrest position.

### I – Headrest height

(not included in standard)

Headrest height is the vertical distance between the top edge of headrest and the top edge of backrest, measured in the median plane. The headrest is positioned maximally in vertical position to the upper and lower edge of headrest. In case of a product with height adjustable headrest, the measurement is given with the minimum and maximum position of backrest.



# Dimensioning – Swivel chairs

## M – Headrest width

(not included in standard)

Headrest width is the maximum distance between side edges of headrest length.

## N – Headrest height

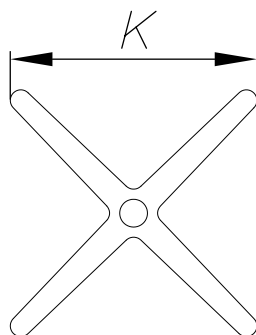
(not included in standard)

Headrest height is the vertical distance between the upper and lower edges of headrest length.

## J – Base diameter

(not included in standard)

Base diameter measured from the extreme outer points of five-star base.



## K – Base width

(not included in standard)

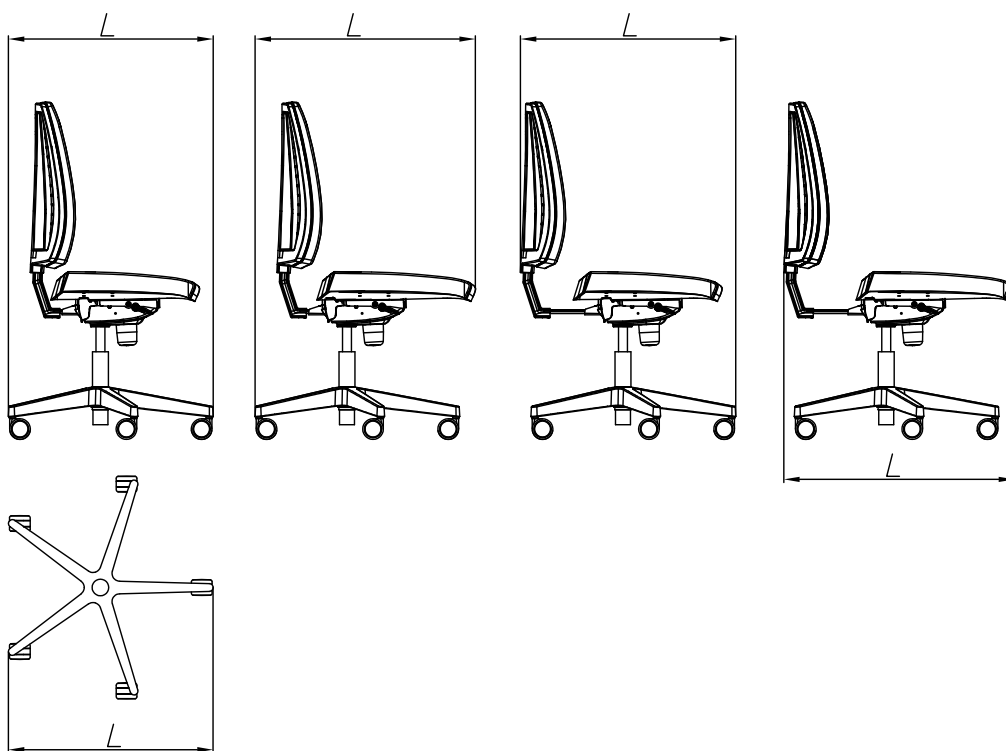
For bases other than five-star bases, the dimension is given at the extreme points of the base. As shown in the picture below.

## L – Overall depth

(not included in standard)

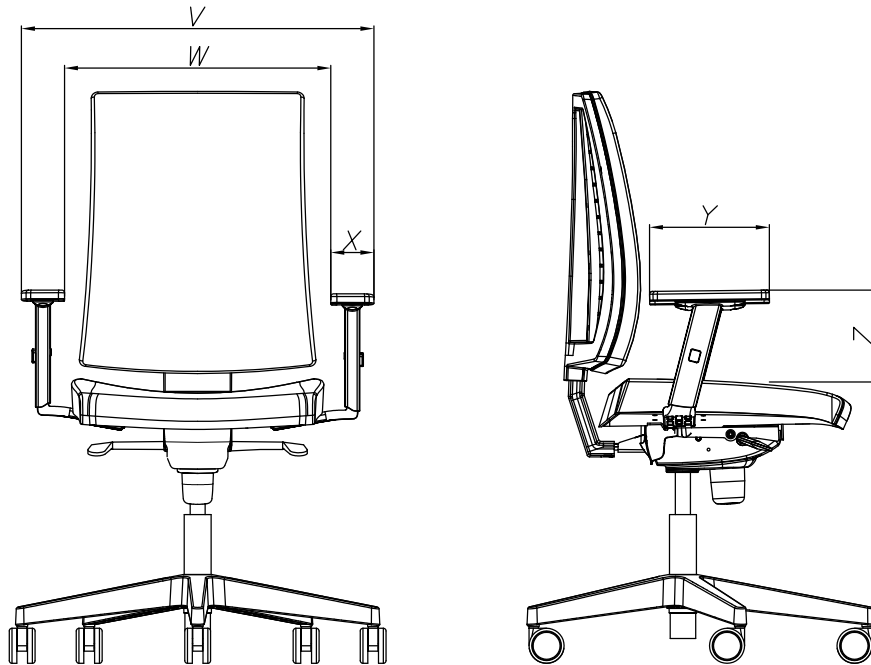
Measured at the extreme points of chair in the side view. In case the extreme points of chair are the chair base, dimension should be given by setting the base and castors as shown in the figure below.

For products with adjustable seat depth, measurement is performed at the minimum and maximum seat extension.



# Dimensioning – Swivel chairs

In case of chairs with armrests, additional dimensions are required:



## **Z – Armrest height**

(according to “p” standard)

Armrest height is the vertical height between the top edge of the armrest and the “A” point. For armrests of non-horizontal shape, with rounded ends or non-rigid material, the armrest height is the distance between the horizontal plane, situated 20 mm below the highest point of the armrest, and the “A” point.

In case of a product with height adjustable armrests the measurement is given at the minimum and maximum position of armrest.

## **Y – Armrest length**

(according to “n” standard)

Armrest length is the distance between the vertical lines passing through its front and rear edges. For armrests of non-horizontal shape, with rounded ends or non-rigid material, the distance is to be measured 20 mm below the usable area of the armrest.

In case of a product with adjustable armrest pad position, the measurement is given at the minimum and maximum extension of the pad.

## **X – Armrest width**

(according to “o” standard)

Armrest width is the distance between the vertical lines passing through the inner and outer edges of the pad / handrail in front view.

If the shape of the armrest makes it impossible to measure the width, the measurement should be performed 20 mm below the top edge.

## **W – Internal width between armrests**

(according to “r” standard)

Internal width is the distance between vertical lines passing through the inner edges of the armrests, measured in the transverse plane. If internal width can be adjustable, the measurement should be performed at both extreme positions of the adjustable armrest components.

## **V – External width between armrests**

(not included in standard)

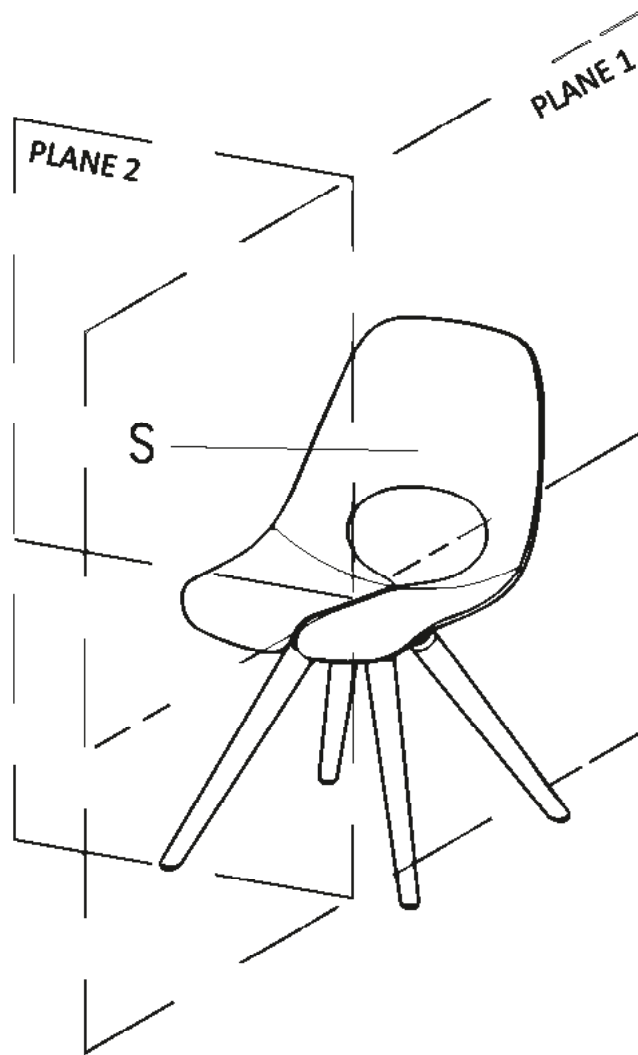
Distance measured between vertical lines passing through the outer points of the armrests in the front view.

If there is a possibility of adjustment, the measurement should be performed at both extreme positions of the adjustable armrests.

# Dimensioning – frame chairs

**Definitions:**

- median plane (PLANE 1) – vertical plane dividing the chair into two symmetrical parts,
- transverse plane (PLANE 2) – a vertical plane perpendicular to the median plane,
- “S” point – the most forward point of backrest lying in the median plane.

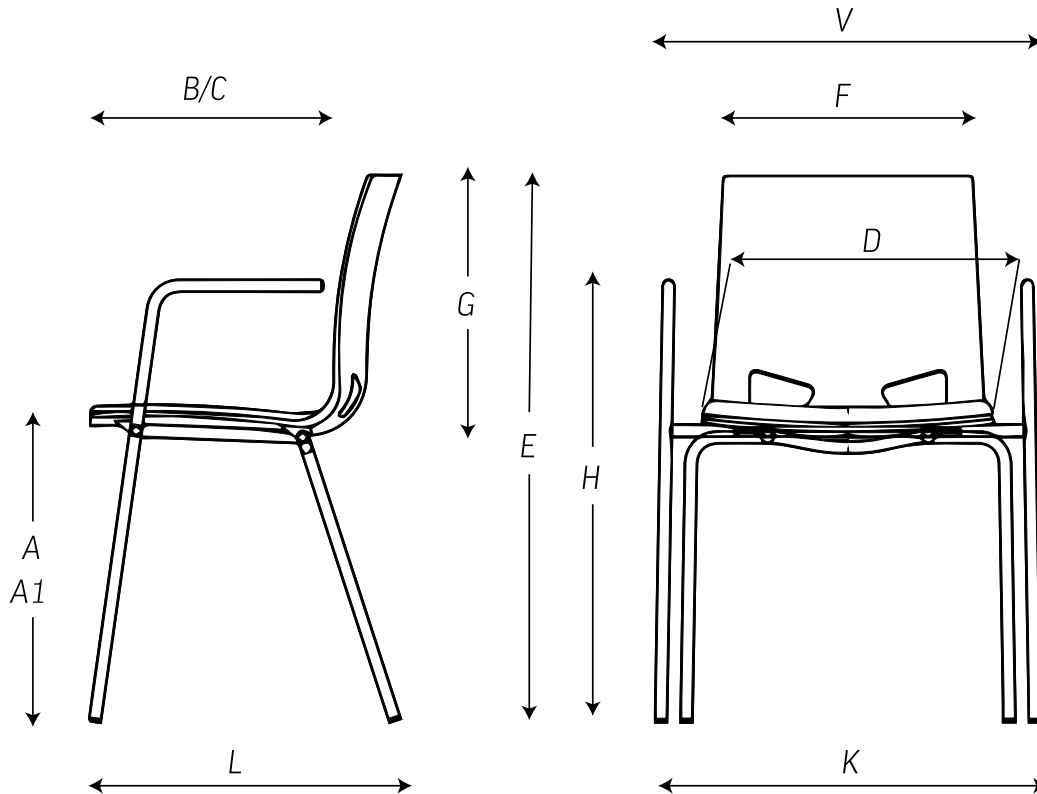


# Dimensioning – frame chairs

## 3. Conference frame chairs

The measurement method does not refer to the standard measurement method according to PN-EN 16139.

Measurement of conference frame chairs performed on glides for soft floors.



### A – Seat height

Seat height is the vertical distance between the ground and the highest point of seat measured at the front edge in the median plane of the product.

### A1 – Seat height according to standard PN-EN 16139

Seat height is the vertical distance between the ground and the seat point measured in the median plane with a designated template in accordance with the EN standard.

### B – Seat depth

Seat depth is the distance between the seat front edge and the “S” point.

For products with seat depth adjustment, the measurement is given with the minimum and maximum seat extension.

For some chairs with one-piece shell, in which there is no clear borderline between seat and backrest, depth is measured from half of the arch between the seat and backrest.

### C – Seat surface depth

Seat surface depth is the maximum distance between the vertical lines passing through the front and rear edges of the seat, measured in the median plane. For products with seat depth adjustment, the measurement is given at the minimum and maximum seat extension. For some chairs with one-piece shell, in which there is no clear borderline between seat and backrest, depth is measured from half of the arch between the seat and backrest. If C dimension is identical to B dimension, only one is given.

### D – Seat width

Seat width is the distance between the vertical lines passing through the seat side edges measured in the transverse plane.

### E – Overall height

Overall product height measured perpendicular to the ground, from the ground to the highest point of the product.

### F – Backrest width

Backrest width is the maximum distance between the side edges of the backrest.

### G – Backrest length

Backrest length is the vertical distance between the top and bottom edges of the backrest measured in the median plane.

### H – Armrest height

Armrest height is measured perpendicular to the ground, from the ground to the highest point of the armrest.

### K – Base width

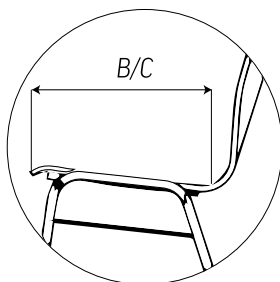
Measurement at the extreme points of the base.

### V – Overall width

Distance measured between the points of the chair, which are the most distant from each other in the transverse plane.

### L – Overall depth

Measurement at the extreme points of the product.



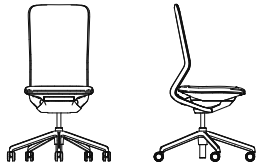
YouTEAM™

# Technical description

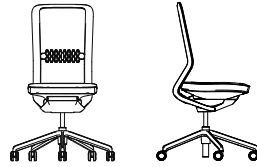
NowyStyl

## 1. Dimensions/Weight

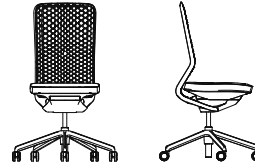
### 1.1. Office swivel chairs



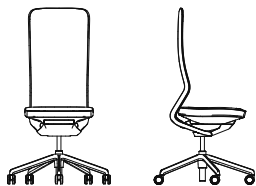
YOUTEAM SWIVEL CHAIR  
LB UPH



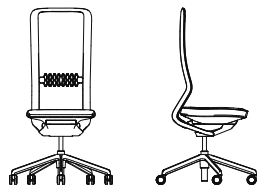
YOUTEAM SWIVEL CHAIR  
LB MESH



YOUTEAM SWIVEL CHAIR  
LB EL



YOUTEAM SWIVEL CHAIR  
HB UPH



YOUTEAM SWIVEL CHAIR  
HB MESH



Model	Dimensions (mm)													Weight (kg)
	A	B	C	D	E	F	G	H	J	L	I	M	N	
YOUTEAM SWIVEL CHAIR HB MESH HRUA R66	420–545	400–470	470	470	1270–1380	455	870	805	Ø 736	688	5–85	460	215	20,5
YOUTEAM SWIVEL CHAIR HB UPH HRUA R66														
YOUTEAM SWIVEL CHAIR HB MESH R65	420–545	400–470	470	470	1270–1380	455	870	805	Ø 736	688	—	—	—	19,7
YOUTEAM SWIVEL CHAIR HB UPH R65														
YOUTEAM SWIVEL CHAIR LB UPH R66	420–545	400–470	470	470	1050–1160	455	670	605	Ø 736	688	—	—	—	18,3
YOUTEAM SWIVEL CHAIR LB MESH R66														
YOUTEAM SWIVEL CHAIR LB EL R66														
YOUTEAM SWIVEL CHAIR LB UPH ARM	420–545	400–470	470	470	1050–1160	455	670	605	Ø 736	688	—	—	—	19,5
YOUTEAM SWIVEL CHAIR LB MESH ARM														
YOUTEAM SWIVEL CHAIR LB EL ARM														

**A** – Seat height  
**B** – Seat depth  
**C** – Seat surface depth  
**D** – Seat width  
**E** – Overall height

**F** – Backrest width  
**G** – Backrest length  
**H** – Backrest height  
**I** – Headrest height (above the backrest)  
**J** – Base diameter

**L** – Overall depth  
**M** – Headrest width  
**N** – Headrest height

Armrests	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
4D (R66)	195–290	220	78	490–550	646–706	1,76
2D (R65)	195–290	220	78	490–550	646–706	1,76
RING (ARM)	210	255	45	500–535	590–625	2,92

Z – Armrest height

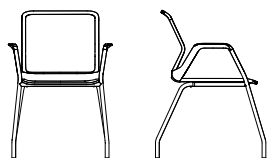
X – Armrest width

V – External width between armrests

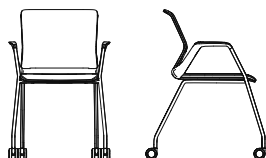
Y – Armrest length

W – Internal width between armrests

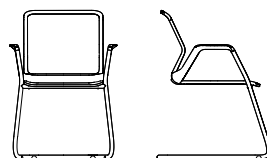
## 1.2. Conference frame chairs



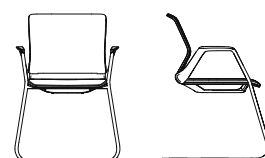
YOUTEAM FRAME CHAIR  
4L MESH



YOUTEAM FRAME CHAIR  
4L UPH CST



YOUTEAM FRAME CHAIR  
CF MESH



YOUTEAM FRAME CHAIR  
CF UPH STB

Model	Dimensions (mm)												Weight (kg)
	A	A1	B	C	D	E	F	G	H	K	L	V	
YOUTEAM FRAME CHAIR 4L UPH	475	445	447	465	450	870	440	420	675	570	610	640	7,75
YOUTEAM FRAME CHAIR 4L UPH CST	475	445	447	465	450	870	440	420	675	580	610	640	7,85
YOUTEAM FRAME CHAIR CF UPH	475	445	447	465	450	870	440	420	675	580	610	640	8,15
YOUTEAM FRAME CHAIR CF UPH STB	475	445	447	465	450	870	440	420	675	580	610	640	8,65

A – Seat height

D – Seat width

H – Armrests height

A1 – Seat height according to standard EN

E – Overall height

K – Base width

B – Seat depth

F – Backrest width

L – Overall depth

C – Seat surface depth

G – Backrest length

V – Overall width

## 2. Materials/Versions

### 2.1. Base/Frame

#### 2.1.1. Office swivel chairs

##### Bases:

- Ø 736 mm five-star aluminium powder-coated in black grey colour (ST62-GF),
- Ø 736 mm five-star aluminium powder-coated in pure white colour (ST62-WH),
- Ø 736 mm five-star aluminium powder-coated in white aluminium colour (ST62-WA),
- Ø 736 mm five-star polished aluminium with chrome effect (ST62-POL).

#### 2.1.2. Conference frame chairs

Cantilever frame (CF) – made of steel tube Ø 22 × 3 mm.

Cantilever frame stackable (CF STB) – made of steel tube Ø 22 × 3 mm.

4-leg frame (4L) – made of steel tube Ø 22 × 3 mm.

4-leg frame with castors (4L CST) – made of steel tube Ø 22 × 3 mm.

##### Frame finish options:

- powder-coated in black grey colour (EA-GF),
- powder-coated in pure white colour (EA-WH),
- powder-coated in white aluminium colour (EA-WA),
- chromium plated (EA-CR).

##### Stacking:

cantilever frame (CF) – non-stackable,

cantilever frame stackable (CF STB) – stackable up to 4 pieces, with stacking protection as standard,

4-leg frame (4L) – non-stackable,

4-leg frame with castors (4L CST) – non-stackable.

### 2.2. Castors/Glides

#### 2.2.1. Office swivel chairs

Ø 60 mm black plastic self-braking castors for soft floors (ESSH) as standard, or black/grey castors for hard floors (ESSHH) as an option.

#### 2.2.2. Conference frame chairs

##### 4-leg frame:

- self-leveling glides for soft floors (GBP) as standard, or hard floors (GBPF) as an option.

##### 4-leg frame with castors:

- Ø 60 mm black plastic self-braking castors for soft floors (ESSH) as standard, or black/grey castors for hard floors (ESSHH) as an option.

##### Cantilever frame:

- black glides for soft floors (GB) as standard, or for hard floors (GBF) as an option.

##### Cantilever frame stackable:

- black glides for soft floors (GB) as standard, or hard floors (GBF) as an option.

### 2.3. Mechanisms

Mechanism cover is made of polypropylene (PP) in black grey or pearl white colour, according to selected colour concept.

ME-IN – synchronous mechanism integrated with seat plate – functions:

- tilting of integrated seat and backrest (free-floating),
- backrest tilt synchronized with the seat tilt at rate 2.8:1,
- backrest multi-lock in 3 positions,
- backrest tilt force adjustment with side pull button,
- seat depth adjustment 60 mm with side pull button,
- negative seat inclination in range of 0–5° with side pull button,
- harder spring, as an option (ME-IN1) – for users with higher weight,
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

### 2.4. Seat, backrest and headrest

#### 2.4.1. Office swivel chairs

##### Seat

##### Upholstered seat (SE)

Structure made of polypropylene (PP) covered with injected foam, thickness 40 mm, density 75 kg/m<sup>3</sup>.

Upholstered seat Comfort (SE-C) – available as an option.

Structure made of polypropylene (PP) covered with injected foam, thickness 50 mm, density 72 kg/m<sup>3</sup>, upholstery with stitching.

**Note:** seat upholstered in leather always with decorative contrasting stitching.

##### Backrest

Upholstered backrest (UPH) – low (LB) and high (HB) backrest versions.

Frame is made of glass fiber reinforced polyamide (PA + GF) in black grey or pearl white colour, with following layers inserted into frame groove:

- supporting material – Runner 3D fabric (colour always matching frame colour: RN60025 for black grey frame and RN61128 for pearl white frame) with polyester foam, thickness 10 mm, density 25 kg/m<sup>3</sup>,
- upholstery.

**Note:** backrest upholstered in leather possible with Comfort seat (SE-C) only, and always with decorative contrasting stitching.

Mesh backrest (MESH) – low (LB) and high (HB) backrest version.

Frame is made of glass fiber reinforced polyamide (PA + GF) in black grey or pearl white colour, with Runner 3D fabric inserted into frame groove.

Elasto-net backrest (EL) – low (LB) backrest version.

Frame is made of glass fiber reinforced polyamide (PA + GF) in black grey or pearl white colour, with elasto-net made of thermoplastic polyurethane elastomer (TPU) in black grey or pearl white colour inserted into frame groove. Elasto-net colour matches backrest frame finish.

Manual lumbar support (LUH2) – made of polyamide (PA6), with height adjustment in range of 115 mm, in black grey or pearl white colour. Lumbar support colour matches backrest frame finish.

##### Headrest

Height adjustable headrest (HRUA) – applicable to combination of high backrest (HB) and Comfort seat (SE-C) only.

Structure is made of polyamide (PA6), covered with injected foam, thickness 37 mm, density 90 kg/m<sup>3</sup>. Headrest cover made of glass fiber reinforced polyamide (PA + GF) in black grey or pearl white colour. Headrest cover colour matches backrest frame finish.

Height adjustment in range of 80 mm.



#### 2.4.2. Conference frame chairs

##### Seat

Mesh seat (SE-RN) – frame is made of glass fiber reinforced polyamide (PA + GF) in black grey or pearl white colour, with following layers inserted into seat frame groove:

- supporting material – thermoshinking mesh in grey colour,
- Runner 3D fabric.

Upholstered seat (SE) – frame is made of glass fiber reinforced polyamide (PA + GF) in black grey or pearl white colour, with following layers inserted into seat frame groove:

- supporting material – thermoshinking mesh in grey colour, with polyester foam, thickness 10 mm, density 25 kg/m<sup>3</sup>,
- upholstery.

**Note:** stackable cantilever frame chairs are equipped with stacking protection made of black polypropylene (PP) under the seat.

##### Backrest

Mesh backrest (MESH) – frame is made of glass fiber reinforced polyamide (PA + GF) in black grey or pearl white colour, with Runner 3D fabric inserted into frame groove.

Upholstered backrest (UPH) – frame is made of glass fiber reinforced polyamide (PA + GF) in black grey or pearl white colour, with following layers inserted into frame groove:

- supporting material – Runner 3D fabric (colour always matching frame colour: RN60025 for black grey frame and RN61128 for pearl white frame) with polyester foam, thickness 10 mm, density 25 kg/m<sup>3</sup>,
- upholstery.

#### Product versions:

- upholstered seat and backrest as standard,
- mesh seat and backrest as standard,
- upholstered seat and mesh backrest as an option.

#### 3. Armrests

##### 3.1. Office swivel chairs

Ring armrests (ARM) – made of aluminium powder-coated in black grey (GF), pure white (WH) or white aluminium (WA) colour, or polished aluminium with chrome effect (POL) as standard.

Armrests with pads upholstered in leather available as an option.

Adjustment range of the armrests: width 35 mm (with a hex key).

2-D armrests (R65) – armrest bar made of aluminium powder-coated in white aluminium (WA) colour, structure made of polyamide (PA) in black grey (SG) or pearl white (PW) colour – according to selected colour concept. Armrest pad made of polyurethane (PU) in grey colour (G). Adjustment range of the armrests: height 105 mm, width 70 mm.

4-D armrests (R66) – armrest bar made of aluminium powder-coated in white aluminium (WA) colour, structure made of polyamide (PA) in black grey (SG) or pearl white (PW) colour – according to selected colour concept. Armrest pad made of polyurethane (PU) in grey colour (G). Adjustment range of the armrests: height 105 mm, width 70 mm, forward/backward movement of the pad 40 mm, pad rotation ± 30°.

##### 3.2. Conference frame chairs

Fixed armrests – made of aluminium powder-coated in: black grey (GF), pure white (WH), white aluminium (WA) colour, or chromium plated (CR). Armrest pads made of black polypropylene (PP).

Armrests are assembled to linking element, made of aluminium, colour always matching frame finish.

#### 4. Packaging

Office swivel chair – 1 piece per box (assembled),

Cantilever frame stackable (CF STB) – 2 pieces per box (assembled),

Cantilever frame (CF), 4-leg frame (4L), 4-leg frame with castors (4L CST) – 1 piece per box (assembled).

#### 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)

GS safety certificate – pending.

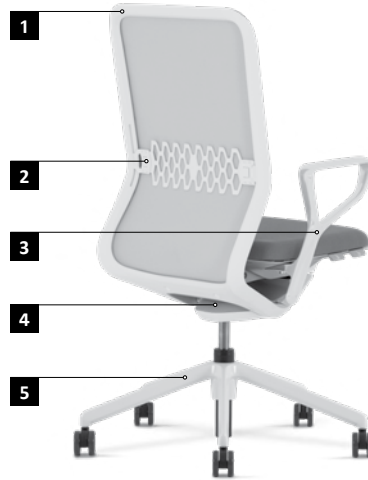
# Technical description

NowyStyl

## 6. Office swivel chairs with high and low backrest – colour concept (plastic/aluminum elements)



- 1 Headrest cover
- 2 Backrest frame
- 3 Armrest structure
- 4 Mechanism cover
- 5 Base



- 1 Backrest frame
- 2 Lumbar support
- 3 Armrest
- 4 Mechanism cover
- 5 Base



- 1 Backrest frame
- 2 Elasto-net
- 3 Armrest structure
- 4 Mechanism cover
- 5 Base

### 6.1. Upholstered high and low backrest\*



#### Black grey version (SG) – elements in black grey:

- headrest cover,
- backrest frame,
- armrest structure (R65 and R66 armrests); armrest pad in grey colour,
- ring armrests,
- lumbar support,
- mechanism cover,
- base.



#### Pearl white version (PW) – elements in pearl white:

- headrest cover,
- backrest frame,
- armrest structure (R65 and R66 armrests); armrest pad in grey colour,
- ring armrests,
- lumbar support,
- mechanism cover,
- base.



#### Options (according to matrix in point 8.1):

Elements in polished aluminium with chrome effect:

- ring armrests,
- base.

Elements powder-coated in white aluminium colour:

- ring armrests,
- base.

\* Not all elements are presented on the pictures.

## 6.2. Mesh low and high backrest\*



Black grey version (SG) – elements in black grey:

- headrest cover,
- backrest frame,
- armrest structure (R65 and R66 armrests);  
armrest pad in grey colour,
- ring armrests,
- lumbar support,
- mechanism cover,
- base.



Pearl white version (PW) – elements in pearl white:

- headrest cover,
- backrest frame,
- armrest structure (R65 and R66 armrests);  
armrest pad in grey colour,
- ring armrests,
- lumbar support,
- mechanism cover,
- base.



Options (according to matrix in point 8.1):

Elements in polished aluminium with chrome effect:

- ring armrests,
- base.

Elements powder-coated in white aluminium colour:

- ring armrests,
- base.

## 6.3. Elasto-net low backrest\*



Black grey version (SG) – elements in black grey:

- backrest frame,
- elasto-net,
- armrest structure (R65 and R66 armrests);  
armrest pad in grey colour,
- ring armrests,
- lumbar support,
- mechanism cover,
- base.



Pearl white version (PW) – elements in pearl white:

- backrest frame,
- elasto-net,
- armrest structure (R65 and R66 armrests);  
armrest pad in grey colour,
- ring armrests,
- lumbar support,
- mechanism cover,
- base.



Options (according to matrix in point 8.1):

Elements in polished aluminium with chrome effect:

- ring armrests,
- base.

Elements powder-coated in white aluminium colour:

- ring armrests,
- base.

\*Not all elements are presented on the pictures.

# Technical description

NowyStyl

## 7. Conference frame chairs – colour concept (plastic/metal elements)



- 1 Backrest and seat frame
- 2 Linking element
- 3 4-leg frame with armrests



- 1 Backrest and seat frame
- 2 Linking element
- 3 Cantilever frame with armrests

### 7.1. Conference frame chairs (4-leg, cantilever) – upholstered and mesh backrest



Black grey version (SG) – elements in black grey:

- frame with armrests,
- seat and backrest frame,
- linking element.



Pearl white version (PW) – elements in pearl white:

- frame with armrests,
- seat and backrest frame,
- linking element.



Options (according to matrix in point 8.2):

- frame with armrests and linking element powder-coated in white aluminium colour or chromium plated.

Xilium

# Technical description

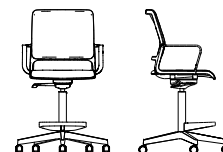
**NowyStyl**

## 1. Dimensions/Weight

### 1.1. Office swivel and conference swivel chairs


**XILIUM SWIVEL CHAIR UPH/P**

**XILIUM SWIVEL CHAIR UPH**

**XILIUM CONFERENCE  
SWIVEL CHAIR MESH**

**XILIUM COUNTER  
SWIVEL CHAIR MESH**


Model	Dimensions (mm)												Weight (kg)
	A	B	C	D	E	F	G	H	I	J	L	Q	
XILIUM SWIVEL CHAIR UPH/P (SY1-ST)	400–525	390–515	500	450	1015–1255	445	520	595–705	200–260	Ø 735	670	—	14,3
XILIUM SWIVEL CHAIR UPH/P (SYN1-ST)	400–525	390–515	500	450	1015–1255	445	520	595–705	200–260	Ø 735	670	—	14,3
XILIUM SWIVEL CHAIR UPH/P (SI-ST)	400–525	385–510	485	445	1015–1255	445	520	595–705	200–260	Ø 735	670	—	15,3
XILIUM SWIVEL CHAIR UPH/P (SIN-ST)	400–525	385–510	485	445	1015–1255	445	520	595–705	200–260	Ø 735	670	—	15,3
XILIUM SWIVEL CHAIR UPH/P (SA1-ST)	400–525	390–515	500	450	1015–1255	445	520	595–705	200–260	Ø 735	670	—	13,8
XILIUM SWIVEL CHAIR MESH (SY1-ST)	400–525	420–545	500	450	1010–1255	480	540	595–705	200–260	Ø 735	670	—	14
XILIUM SWIVEL CHAIR MESH (SYN1-ST)	400–525	420–545	500	450	1010–1255	480	540	595–705	200–260	Ø 735	670	—	14
XILIUM SWIVEL CHAIR MESH (SI-ST)	400–525	425–550	485	445	1010–1255	480	540	600–700	200–260	Ø 735	670	—	15
XILIUM SWIVEL CHAIR MESH (SIN-ST)	400–525	425–550	485	445	1010–1255	480	540	600–700	200–260	Ø 735	670	—	15
XILIUM SWIVEL CHAIR MESH (SA1-ST)	400–525	420–545	500	450	1010–1255	480	470	595–705	200–260	Ø 735	670	—	13,5
XILIUM SWIVEL CHAIR DUO-BACK UPH/P (SY1-ST)	400–525	370–495	500	450	940–1180	450	470	530–615	230–290	Ø 735	670	—	15,5
XILIUM SWIVEL CHAIR DUO-BACK UPH/P (SYN1-ST)	400–525	370–495	500	450	940–1180	450	470	530–615	230–290	Ø 735	670	—	15,5
XILIUM SWIVEL CHAIR DUO-BACK UPH/P (SI-ST)	400–525	365–490	485	445	940–1180	450	470	530–615	230–290	Ø 735	670	—	16,5
XILIUM SWIVEL CHAIR DUO-BACK UPH/P (SIN-ST)	400–525	365–490	485	445	940–1180	450	470	530–615	230–290	Ø 735	670	—	16,5
XILIUM SWIVEL CHAIR DUO-BACK UPH/P (SA1-ST)	400–525	370–495	500	450	940–1180	450	470	530–615	230–290	Ø 735	670	—	15
XILIUM CONFERENCE SWIVEL CHAIR UPH (TILT2)	380–510	440	495	480	820–950	455	340	440	—	Ø 710	644	—	13,4
XILIUM CONFERENCE SWIVEL CHAIR MESH (TILT2)	380–510	420	495	480	850–980	450	370	470	—	Ø 710	644	—	13

Model	Dimensions (mm)												Weight (kg)
	A	B	C	D	E	F	G	H	I	J	L	Q	
XILIUM COUNTER SWIVEL CHAIR UPH (TILT 2)	595–780	420	495	480	1070–1255	455	370	440	—	Ø 710	644	270–455	16,2
XILIUM COUNTER SWIVEL CHAIR MESH (TILT 2)	595–780	420	495	480	1070–1255	450	370	470	—	Ø 710	644	270–455	15,8

A – Seat height

B – Seat depth

C – Seat surface depth

D – Seat width

E – Overall height

F – Backrest width

G – Backrest length

H – Backrest height

I – Headrest height

J – Base diameter

L – Overall depth

Q – Footrest height

Armrests	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
R53	110–315	220	85	475	645	1,0
R54	180–280	225	110	360–510	580–730	1,9
R54-POL	180–280	225	110	360–510	580–730	2,5
R55-POL	200–300	240	100	280–650	480–850	3,2

Z – Armrest height

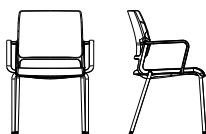
Y – Armrest length

X – Armrest width

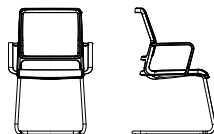
W – Internal width between armrests

V – External width between armrests

## 1.2. Conference frame chairs



XILIUM FRAME CHAIR  
4L UPH



XILIUM FRAME CHAIR  
CF UPH

Model	Dimensions (mm)											Weight (kg)
	A	A1	B	C	D	E	F	G	H	L	V	
XILIUM FRAME CHAIR 4L UPH	464	420	440	495	480	860	455	340	655	550	532/600 ARF	7,9
XILIUM FRAME CHAIR 4L MESH	464	420	420	495	480	890	450	370	655	550	532/600 ARF	7,5
XILIUM FRAME CHAIR CF UPH	464	420	450	495	480	875	455	340	655	600	513/600 ARF	8,1
XILIUM FRAME CHAIR CF MESH	464	420	430	495	480	905	450	370	655	600	513/600 ARF	7,9

A – Seat height

A1 – Seat height according to standard  
EN 16139

B – Seat depth

C – Seat surface depth

D – Seat width

E – Overall height

F – Backrest width

G – Backrest length

H – Armrests height

L – Overall depth

V – Overall width

# Technical description

## 2. Materials/Versions

### 2.1. Base/Frame

#### 2.1.1. Office swivel chairs

##### Bases:

- Ø 735 mm five-star black polyamide (TS30),
- Ø 735 mm five-star white polyamide (TS30-W),
- Ø 735 mm five-star aluminium powder-coated in Jet black RAL 9005 colour (ST56-BL),
- Ø 735 mm five-star polished aluminium with chrome effect (ST56-POL).

#### 2.1.2. Conference swivel chairs and counter swivel chairs

##### Bases:

- Ø 710 mm five-star black polyamide (TS25),
- Ø 710 mm five-star white polyamide (TS25-W),
- Ø 700 mm five-star aluminum powder-coated in Jet black RAL 9005 colour (ST44-BL),
- Ø 700 mm five-star polished aluminium with chrome effect (ST44-POL).

Foot rest – made of Ø 55 mm steel tube, powder-coated in black colour or chromium plated, covering gaslift, and aluminum foot rest made of 65 x 13,5 mm profile (powder-coated in black colour or chromium plated), foot rest moving up / down along with the seat.

#### 2.1.3. Conference frame chairs

##### Cantilever frame – made of steel tube

Ø 22 x 2.5 mm, finish options:

- powder-coated in Jet black RAL 9005 colour (E-BL),
- powder-coated in Traffic white RAL 9016 colour (E-WT),
- powder-coated in White aluminium RAL 9006 colour (E-WA),
- "Fashion Collection" colour only Grey blue RAL 5008 (GE) or Black green RAL 6012 (BN),
- chromium plated (E-CR).

Version with or without armrests, stackable up to 4 pieces.

##### 4-leg frame – made of steel tube Ø 22 x 2.5 mm, finish options:

- powder-coated in Jet black RAL 9005 colour (E-BL),
- powder-coated in Traffic white RAL 9016 colour (E-WT),
- powder-coated in White aluminium RAL 9006 colour (E-WA),
- "Fashion Collection" colour only Grey blue RAL 5008 (GE) or Black green RAL 6012 (BN),
- chromium plated (E-CR).

Version with or without armrests/castors stackable up to 4 pieces.

### 2.2. Castors/Glides

#### 2.2.1. Office swivel chairs

Ø 65 mm black plastic self-braking castors for soft floors (ESH) as standard, or hard floors (ESHH) as an option.

#### 2.2.2. Conference swivel chairs

Ø 65 mm black plastic self-braking castors for soft floors (ESH) as standard, or hard floors (ESHH) as an option.

#### 2.2.3. Counter swivel chairs

Ø 50 mm load-brake castors for soft floors (KSH) as standard or for hard floors (KSHH) – as an option.

#### 2.2.4. Conference frame chairs

##### Cantilever frame:

- black mini-glides for soft floors (GBM) as standard, or hard floors (GBMF) as an option.

##### 4-leg frame:

- self-leveling glides for soft floors (GBP) as standard, or hard floors (GBPF) as an option,
- Ø 37 mm mini-rolls for soft floors (RMH) or hard floors (RMHH) as an option.

### 2.3. Mechanisms

#### 2.3.1. Office swivel chairs

##### SY1-ST synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt synchronized with the seat tilt at rate 2.5:1,
- backrest tilt angle of 30°,
- backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a crank to user's weight in range of 45–150 kg,
- seat depth adjustment 100 mm plus 25 mm resulting from backrest height adjustment,
- negative seat inclination in range of 0–3° as an option (SYN1-ST),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

##### SI-ST advanced synchronous mechanism

##### – functions:

- integrated with seat, adjustment by pull buttons and knob,
- free-floating – synchronous backrest and seat tilt,
- backrest tilt synchronized with the seat tilt at rate 2.5:1,
- backrest tilt angle 30°,
- backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob to user's weight in range of 45–150 kg,
- seat depth adjustment 100 mm plus 20 mm resulting from backrest height adjustment,
- negative seat inclination in range of 0–5° as an option (SIN-ST), equipped with a safety feature – function is unlocked by user when pressing front edge of seat,
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

##### SA1-ST synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle 20°,
- seat tilt angle 6°
- backrest multi-lock in 4 positions,
- automatic backrest tilt force adjustment to user's weight in range of 45–110 kg, fine tuning,
- seat depth adjustment 100 mm plus 20 mm resulting from backrest height adjustment,
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

#### 2.3.2. Conference swivel chairs and counter swivel chairs

##### TILT2 tilt mechanism – functions:

- free-floating backrest and seat,
- opening tilt angle 12.5°,
- forward tilting angle 1.5°,
- backrest lock in working position,
- smooth height adjustment of chair with pneumatic gas lift.

### 2.4. Seat, backrest and headrest

#### 2.4.1. Office swivel chairs

##### Seat

##### Chair with SY1-ST and SA1-ST mechanism

Structure and cover made of polypropylene (PP) covered with injected foam, thickness 50 mm, density 65 kg/m³. Upholstered seat with side drops as standard or with side drops in Runner 3D fabric, as an option.

##### Chair with SI-ST mechanism

Seat plate consists of: structure made of glass fiber reinforced polyamide (PA + GF), cover made of polyamide (PA) and upholstery plate made of polypropylene (PP) covered with injected foam, thickness 60 mm, density 75 kg/m³. Seat plate is integrated with mechanism.

Upholstered seat with side drops as standard or with side drops in Runner 3D fabric, as an option.

##### Backrest

Height adjustable in range of 110 mm, lock in 12 positions with two buttons on the backrest supporting frame.

**Upholstered backrest** (UPH/P) – structure made of polypropylene (PP) covered with injected foam, thickness 25 mm, density 80 kg/m³. Backrest cover made of black or white polypropylene (PP).

Upholstered backrest with side drops as standard or with side drops in Runner 3D fabric, as an option.

**Duo-Back backrest** (DUO-BACK UPH/P) – structure made of polypropylene (PP) covered with injected foam, thickness 35 mm, density 80 kg/m³.

Backrest cover made of black or white polypropylene (PP).

Upholstered backrest with side drops as standard or with side drops in Runner 3D fabric, as an option.

**Mesh backrest** (MESH) – frame made of black or white glass fiber reinforced polyamide (PA + GF). Two types of mesh available:

WX – elastic with stripe design,  
AX – elastic, knitted mesh.

**Manual lumbar support** (applicable to upholstered backrest with plastic cover UPH/P) – with depth adjustment by knob in range of 20 mm (LSD2).

**Manual lumbar support** (applicable to mesh backrest MESH) – with depth adjustment by knob in range of 20 mm (LXD2).

**Backrest movement X-move** (XV) – allows for backrest side movement and slight rotation.



### Headrest

Structure made of polypropylene (PP), covered with injected foam, thickness 25 mm, density 55 kg/m<sup>3</sup>.

Upholstered headrest in fabric with side drops as standard, side drops in Runner 3D fabric as an option.

Upholstered headrest in leather with leather side drops as standard, side drops in Runner 3D fabric as an option.

Headrest cover made of polypropylene (PP) in black or white color.

Headrest supporting element made of black or white glass fiber reinforced polyamide (PA + GF). Adjustable, upholstered headrest with cover (HRUA3) – applicable to upholstered backrest with plastic cover (UPH/P), and mesh backrest (MESH).

Height adjustment in range of 60 mm, lock in 7 positions, depth adjustment in range of 180 mm, headrest pad rotation 96°.

Adjustable, upholstered headrest with cover (HRUA) – applicable to duo-back backrest (DUO-BACK UPH/P).

Height adjustment in range of 60 mm, lock in 7 positions, depth adjustment in range of 20 mm (resulting from headrest height adjustment), headrest pad rotation 96°.

### 2.4.2. Conference swivel chairs, conference frame chairs and counter swivel chairs

#### Seat

Seat frame made of glass fiber reinforced polyamide (PA + GF), structure made of polypropylene (PP) covered with injected foam, thickness 65 mm, density 40 kg/m<sup>3</sup>.

Seat bottom part protected with plastic cover (stacking protection for frame chairs).

#### Backrest

Fully upholstered backrest (UPH) – structure made of polypropylene (PP) covered with injected foam, thickness 17 mm, density 80 kg/m<sup>3</sup>.

Mesh backrest (MESH) – frame made of black or white glass fiber reinforced polyamide (PA + GF).

Two types of mesh available:

- WX – elastic with stripe design,
- AX – elastic, knitted mesh.

### 3. Armrests

#### 3.1. Office swivel chairs

3-D armrests (R53) – armrest structure made of black or white polyamide (PA), armrest pad made of black soft polyurethane (BPU).

Adjustment range of the armrests: height 100 mm plus 105 mm resulting from backrest height adjustment, forward/backward movement of the pad 40 mm, pad rotation ± 30°.

4-D armrests (R54) – armrest bar made of black or white glass fiber reinforced polyamide (PA + GF), or polished aluminium with chrome effect, armrest structure made of black or white glass fiber reinforced polyamide (PA + GF), armrest pad made of black soft polyurethane (BPU).

Adjustment range of the armrests: height 100 mm (lock in 11 positions), side movement of the armrests 70 mm, forward/backward movement of the pad 40 mm, pad rotation ± 360°.

X-D armrests (R55) – armrest bar made of polished aluminium with chrome effect, armrest structure made of black or white glass fiber reinforced polyamide (PA + GF), armrest pad made of black soft polyurethane (BPU).

Adjustment range of the armrests: height 100 mm, side movement of the armrests 50 mm, forward/backward movement of the pad 40 mm, pad rotation ± 360° (front pivot point), second pivot point for additional rotation: 60° inward, 30° outward, 180° rotation of the pad components by pressing the unlock button.

#### 3.2. Conference swivel chairs and counter swivel chairs

Fixed armrest – made of glass fiber reinforced polyamide (PA + GF) in black or white colour, available as an option.

#### 3.3. Conference frame chairs

Fixed armrest – made of glass fiber reinforced polyamide (PA + GF) in black or white colour, available as an option.

### 4. Packaging

Office swivel chair – 1 piece per box (partially assembled, 3 elements packed in L-shape box) or fully assembled as an option.

Conference swivel chairs and counter swivel chairs – 1 piece per box (partially assembled, 3 elements packed in L-shape box) or fully assembled as an option.

Conference frame chairs – fully assembled, 3 pieces per box.

### 5. Technical regulations, approvals and quality marks for the chairs (pending)

Office swivel chairs:

- GS safety certificate for users' weight up to 150 kg, for all versions with mechanisms: SY1-ST, SYN1-ST, SI-ST, SIN-ST
- GS safety certificate for users' weight up to 110 kg, for all versions with mechanisms: SA1-ST
- Approvals compliant with EN 1335 1 – 3,
- NPR 1813\*
- Ergonomics tested,
- Quality Office,
- Blue Angel.

Conference frame chairs and swivel conference chair:

- GS safety certificate,
- Approvals compliant with EN 16139,
- Blue Angel.

Counter swivel chair

- GS safety certificate,
- Approvals compliant with EN 16139

\*NPR 1813 refers to all chair versions with dedicated gas lift GL40.55, except for chairs with 3D armrests (R53).

# Technical description

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## 6. Office swivel chairs – colour concept (plastic/aluminum elements)



Bottom part of backrest supporting frame and base made of plastic or polished aluminium as an option

- 1 Headrest cover
- 2 Headrest supporting element
- 3 Backrest cover
- 4 Lumbar support

- 1 Headrest cover
- 2 Headrest supporting element
- 3 Backrest frame
- 4 Upper part of backrest supporting frame
- 5 Bottom part of backrest supporting frame

- 1 Headrest cover
- 2 Headrest supporting element
- 3 Backrest cover
- 4 Base

### 6.1. Duo-Back backrest



- Black version (BL) – elements in black:
- armrest pad and armrest structure,
  - upper part of backrest supporting frame,
  - bottom part of backrest supporting frame,
  - backrest cover,
  - headrest cover and headrest supporting element,
  - base.

- White version (W) – elements in white:
- armrest structure (armrest pad in black colour),
  - upper part of backrest supporting frame,
  - bottom part of backrest supporting frame,
  - backrest cover,
  - headrest cover and headrest supporting element,
  - base.

- Options:
- Elements in polished aluminium with chrome effect:
- armrest bar,
  - bottom part of backrest supporting frame,
  - base.
- Elements powder-coated in black colour:
- base.

## 6.2. Mesh backrest



### Black version (BL) – elements in black:

- armrest pad and armrest structure,
- upper part of backrest supporting frame,
- bottom part of backrest supporting frame,
- backrest frame,
- lumbar support,
- headrest cover and headrest supporting element,
- base.

### White version (W) – elements in white:

- armrest structure (armrest pad in black colour),
- upper part of backrest supporting frame,
- bottom part of backrest supporting frame,
- backrest frame,
- lumbar support,
- headrest cover and headrest supporting element,
- base.

### Options:

Elements in polished aluminium with chrome effect:

- armrest bar,
- bottom part of backrest supporting frame,
- base.

Elements powder-coated in black colour:

- base.

## 6.3. Upholstered backrest



### Black version (BL) – elements in black:

- armrest pad and armrest structure,
- upper part of backrest supporting frame,
- bottom part of backrest supporting frame,
- backrest cover,
- lumbar support,
- headrest cover and headrest supporting element,
- base.

### White version (W) – elements in white:

- armrest structure (armrest pad in black colour),
- upper part of backrest supporting frame,
- bottom part of backrest supporting frame,
- backrest cover,
- lumbar support,
- headrest cover and headrest supporting element,
- base.

### Options:

Elements in polished aluminium with chrome effect

- armrest bar.
- bottom part of backrest supporting frame,
- base.

Elements powder-coated in black colour:

- base.

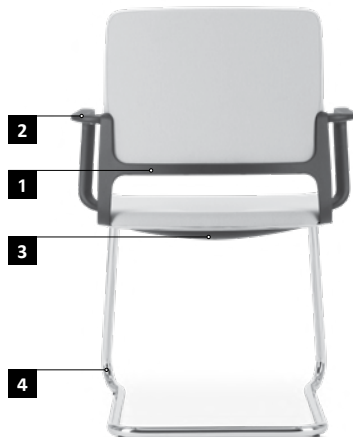
# Technical description

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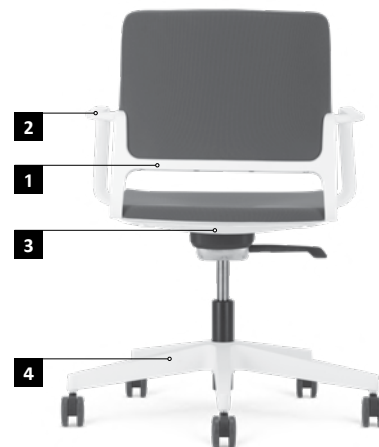
## 7. Conference chairs – colour concept (plastic/metal elements)



- 1 Seat and backrest frame
- 2 Armrests
- 3 Seat cover
- 4 4-leg frame



- 1 Seat and backrest frame
- 2 Armrests
- 3 Seat cover
- 4 Cantilever frame



- 1 Seat and backrest frame
- 2 Armrests
- 3 Seat cover
- 4 Base

### 7.1. Conference frame chairs (4-leg, cantilever) – upholstered and mesh backrest



#### Black version (BL) – elements in black:

- armrests (if applicable),
- seat and backrest frame,
- seat cover,
- frame.

#### White version (W) – elements in white:

- armrests (if applicable),
- seat and backrest frame,
- seat cover,
- frame.

#### Options:

- frame powder-coated in aluminium or chromium plated.

**7.2. Conference swivel chairs – upholstered and mesh backrest**



Black version (BL) – elements in black:

- armrests,
- seat and backrest frame,
- seat cover,
- base.



White version (W) – elements in white:

- armrests,
- seat and backrest frame,
- seat cover,
- base.



Options:

- base powder-coated in black colour or polished aluminium with chrome effect.

**7.3 Counter swivel chairs – upholstered backrest and mesh backrest**



Black version (BL) – elements in black:

- Armrests
- Seat and backrest frame
- Seat cover
- Gas lift cover and foot rest
- Base



White version (W) – elements in black:

- Armrests
- Seat and backrest frame
- Seat cover
- Gas lift cover and foot rest in black colour
- Base



Finish options:

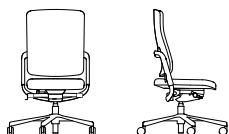
- Base powder-coated in black colour or made of polished aluminium,
- Gas lift cover powder-coated in black colour or chromium plated, foot rest in black colour or polished aluminium (both elements are in a finish option for a definite colour finish).

Xenium

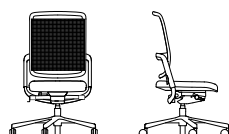
# Technical description

## 1. Dimensions/Weight

### 1.1. Office swivel chairs



**XENIUM SWIVEL CHAIR  
UPH/P**



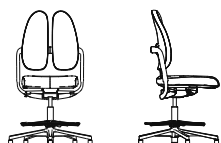
**XENIUM SWIVEL CHAIR MESH**



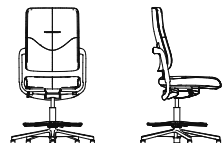
**XENIUM SWIVEL CHAIR DUO-BACK**



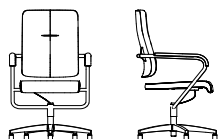
**XENIUM SWIVEL CHAIR ANTISTATIC  
DUO-BACK**



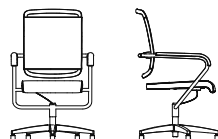
**XENIUM COUNTER SWIVEL CHAIR  
DUO-BACK**



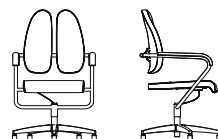
**XENIUM COUNTER SWIVEL CHAIR  
UPH/P**



**XENIUM CONFERENCE SWIVEL CHAIR  
X-CROSS UPH/P**



**XENIUM CONFERENCE SWIVEL CHAIR  
X-CROSS MESH**



**XENIUM CONFERENCE SWIVEL CHAIR  
X-CROSS DUO-BACK**



Model	Dimensions (mm)												Weight (kg)
	A	B	C	D	E	F	G	H	I	J	K	L	
XENIUM SWIVEL CHAIR UPH/P ESP-ST (TYP 45)	420–530	390–490	495	465	1040–1230	445	545	590–670	160–215	760	—	730	17
XENIUM SWIVEL CHAIR UPH/P ESPF-ST (TYP 47)	420–530	390–490	495	465	1050–1230	445	545	590–670	160–215	760	—	730	17
XENIUM SWIVEL CHAIR UPH/P IND-ST (TYP 61)	420–530	400–500	495	465	1050–1240	445	545	580–660	160–215	760	—	730	17
XENIUM SWIVEL CHAIR UPH/P DNP-ST (TYP 51)	420–530	370–470	495	465	1050–1240	445	545	590–670	160–215	760	—	730	18
XENIUM SWIVEL CHAIR UPH/P DNPH-ST (TYP 53)	420–530	370–470	495	465	1050–1240	445	545	590–670	160–215	760	—	730	18
XENIUM SWIVEL CHAIR UPH/P ME14-ST (TYP 14)	420–530	370–470	495	465	1050–1240	445	545	625–720	160–215	760	—	710	20
XENIUM SWIVEL CHAIR UPH/P ME13-ST (TYP 13)	420–530	370–470	495	465	1050–1240	445	545	625–720	160–215	760	—	710	20
XENIUM SWIVEL CHAIR MESH ESP-ST (TYP 45)	420–530	370–470	495	465	1040–1230	445	550	570–650	160–215	760	—	730	15
XENIUM SWIVEL CHAIR MESH ESPF-ST (TYP 47)	420–530	370–470	495	465	1040–1230	445	550	570–650	160–215	760	—	730	15
XENIUM SWIVEL CHAIR MESH IND-ST (TYP 61)	420–530	380–480	495	465	1040–1230	445	550	570–650	160–215	760	—	730	15
XENIUM SWIVEL CHAIR MESH DNP-ST (TYP 51)	420–530	385–485	495	465	1050–1240	445	550	600–690	160–215	760	—	730	16
XENIUM SWIVEL CHAIR MESH DNPH-ST (TYP 53)	420–530	385–485	495	465	1050–1240	445	550	600–690	160–215	760	—	730	16
XENIUM SWIVEL CHAIR MESH ME14-ST (TYP 14)	420–530	370–470	495	465	1050–1240	445	550	600–690	160–215	760	—	710	18
XENIUM SWIVEL CHAIR MESH ME13-ST (TYP 13)	420–530	370–470	495	465	1050–1240	445	550	600–690	160–215	760	—	710	18



Model	Dimensions (mm)												Weight (kg)
	A	B	C	D	E	F	G	H	I	J	K	L	
XENIUM SWIVEL CHAIR DUO-BACK ESP-ST (TYP 45)	420–530	390–490	495	465	970–1160	480	460	540–620	220–280	760	—	730	16
XENIUM SWIVEL CHAIR DUO-BACK ESPF-ST (TYP 47)	420–530	390–490	495	465	970–1160	480	460	540–620	220–280	760	—	730	16
XENIUM SWIVEL CHAIR DUO-BACK IND-ST (TYP 61)	420–530	380–480	495	465	970–1160	480	460	500–580	220–280	760	—	730	16
XENIUM SWIVEL CHAIR DUO-BACK DNP-ST (TYP 51)	420–530	370–470	495	465	970–1160	480	460	500–580	220–280	760	—	730	17
XENIUM SWIVEL CHAIR DUO-BACK DNP-ST (TYP 53)	420–530	370–470	495	465	970–1160	480	460	500–580	220–280	760	—	730	17
XENIUM SWIVEL CHAIR DUO-BACK ME14-ST (TYP 14)	420–540	340–440	495	465	980–1190	480	460	520–600	220–280	730	—	710	19
XENIUM SWIVEL CHAIR DUO-BACK ME13-ST (TYP 13)	420–540	340–440	495	465	980–1190	480	460	520–600	220–280	730	—	710	19
XENIUM COUNTER SWIVEL CHAIR DUO-BACK ESP-ST (TYP 45)	630–875	390–490	495	465	1225–1575	480	460	540–620	220–280	760	—	730	19
XENIUM COUNTER SWIVEL CHAIR DUO-BACK ESPF-ST (TYP 47)	630–875	390–490	495	465	1225–1575	480	460	540–620	220–280	760	—	730	19
XENIUM COUNTER SWIVEL CHAIR UPH/P ESP-ST (TYP 45)	630–875	390–490	495	465	1245–1595	445	545	610–695	160–215	760	—	730	19
XENIUM COUNTER SWIVEL CHAIR UPH/P ESPF-ST (TYP 47)	630–875	390–490	495	465	1245–1595	445	545	610–695	160–215	760	—	730	19
XENIUM CONFERENCE SWIVEL CHAIR X-CROSS UPH/P TILT/AR/RG (TYP 42)	410–485	470	495	465	1010–1210	445	545	630–710	—	—	520	770	14,5
XENIUM CONFERENCE SWIVEL CHAIR X-CROSS MESH TILT/AR/RG (TYP 42)	410–485	450	495	465	1010–1210	445	550	630–710	—	—	520	770	14,5
XENIUM CONFERENCE SWIVEL CHAIR X-CROSS DUO-BACK TILT/AR/RG (TYP 42)	410–485	470	495	465	940–1130	440	550	560–640	—	—	520	770	14,5

**A** – Seat height  
**B** – Seat depth  
**C** – Seat surface depth  
**D** – Seat width

**E** – Overall height  
**F** – Backrest width  
**G** – Backrest length  
**H** – Backrest height

**I** – Headrest height  
**J** – Base diameter  
**K** – Base width  
**L** – Overall depth



Armrest	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
R36/B/B (A60)	140–310	230	85	460	630	2,5
R43-B/B/BPU (A94)	190–290	215	110	330–510	560–740	2,6
R37-BL/B/B (A13)	185–285	235	110	365–520	590–720	3
R38-BL/B/B (A64)	194–300	220	110	355–510	580–730	3,1
R38-POL/B/B (A65)	194–301	220	110	355–511	580–731	3,1

**Z** – Armrest height  
**Y** – Armrest length

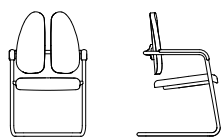
**X** – Armrest width  
**W** – Internal width between armrests

**V** – External width between armrests

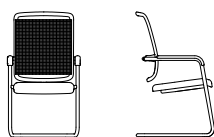


# Technical description

## 1.2. Frame chairs



**XENIUM FRAME CHAIR  
CF DUO-BACK**



**XENIUM FRAME CHAIR  
CF MESH**



**XENIUM FRAME CHAIR  
CF UPH/P**



Model	Dimensions (mm)												Weight (kg)
	A	A1	B	C	D	E	F	G	H	K	V	L	
XENIUM FRAME CHAIR CF UPH/P	468	425	470	520	470	1005	445	545	650	545	565	650	11,5
XENIUM FRAME CHAIR CF MESH	468	425	450	520	470	985	440	545	650	545	565	675	11,5
XENIUM FRAME CHAIR CF DUO-BACK	468	425	465	520	470	930	470	470	650	545	565	660	11,5
XENIUM FRAME CHAIR CF DUO-BACK S	455	410	460	520	470	925	475	470	650	545	555	630	12,5

**A** – Seat height

**A1** – Seat height according to standard EN 16139

**B** – Seat depth

**C** – Seat surface depth

**D** – Seat width

**E** – Overall height

**F** – Backrest width

**G** – Backrest length

**H** – Armrests height

**L** – Overall depth

**V** – Overall width

## 2. Materials/Versions

### 2.1. Base/Frame

#### 2.1.1. Office swivel chairs

Bases:

- Ø 760 mm five-star black polyamide (TS29),
- Ø 760 mm five-star white polyamide (TS29-W),
- Ø 760 mm five-star aluminium powder-coated in Jet black RAL 9005 colour (ST55-BL),
- Ø 760 mm five-star polished aluminium with chrome effect (ST55-POL).

#### 2.1.2. Conference swivel chairs

Bases:

- Ø 687 mm five-star black polyamide (TS28),
- Ø 687 mm five-star aluminium powder-coated in Jet black RAL 9005 colour (ST52-BL),
- Ø 687 mm five-star polished aluminium with chrome effect (ST52-POL).
- Ø 740 mm four-star aluminium powder-coated in Jet black RAL 9005 colour (ST54-BL),
- Ø 740 mm four-star polished aluminium with chrome effect (ST54-POL).

#### 2.1.3. Conference frame chairs

Cantilever frame – made of steel tube

Ø 25 × 2.5 mm (stackable up to 2 pcs), finish options:

- powder-coated in Jet black RAL 9005 colour with fixed armrests, black polyurethane (PU) pads (CFPS-BL/B),
- powder-coated in Jet black RAL 9005 colour with fixed armrests, grey polyurethane (PU) pads (CFPS-BL/GR),
- powder-coated in Traffic white RAL 9016 colour with fixed armrests, black polyurethane (PU) pads (CFPS-W/B),
- chromium plated with fixed armrests, black polyurethane (PU) pads (CFPS-CR/B),

- chromium plated with fixed armrests, grey polyurethane (PU) pads (CFPS-CR/GR).

### 2.2. Castors/Glides

#### 2.2.1. Office swivel chairs

Ø 65 mm black plastic self-braking castors for soft floors (ESH) as standard, or hard floors (ESHH) as an option.

#### 2.2.2. Conference swivel chairs

Five-star base:

- Ø 65 mm black plastic self-braking castors for soft floors (ESH) as standard, or hard floors (ESHH) as an option,
- 59 mm black plastic glides for soft floors and hard floors (GB59).

Four-star base:

- chromium plated glides for soft floors (GBCR) as standard, or hard floors (GBFCR) as an option.

#### 2.2.3. Conference frame chairs

Cantilever frame:

- mini-glides for soft floors (GBM) as standard, or hard floors (GBMF) as an option.

### 2.3. Mechanisms

#### 2.3.1. Office swivel chairs

ESP-ST synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt synchronised with the seat tilt at rate 2.7:1,
- backrest tilt angle of 23° synchronised with the seat tilt angle of 11°,
- backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob,
- seat depth adjustment 100 mm,

- negative seat inclination in range of 0–4° – as an option (ESPF-ST),

- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,

- smooth height adjustment of chair with pneumatic gas lift.

DNP-ST synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt synchronised with the seat tilt at rate 2.6:1
- backrest tilt angle of 26° synchronised with the seat tilt angle of 10°,
- backrest multi-lock in 10 positions,
- backrest tilt force adjustment with a knob,
- backrest tilt force adjustment for user's weight 85–150 kg – as an option (DNPH-ST),
- seat depth adjustment 100 mm,
- negative seat inclination in range of 0–4°,
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

IND-ST synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt synchronised with the seat tilt at rate 3.0:1
- backrest tilt angle of 20° synchronised with the seat tilt angle of 6°,
- backrest multi-lock in 4 positions,
- automatic backrest tilt force adjustment to user's weight, fine tuning,
- seat depth adjustment 100 mm
- negative seat inclination in range of 0–5°,
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,

- smooth height adjustment of chair with pneumatic gas lift.

### 2.3.2. Conference swivel chairs

TILT/AR/RG mechanism – functions:

- tilting of integrated seat and backrest in the range of 11° (free-floating),
- smooth height adjustment of chair with pneumatic gas lift.

## 2.4. Seat, backrest and headrest

### 2.4.1. Office swivel chairs

#### Seat

Structure is made of plastic (PP), covered with injected foam, thickness 59 mm, density 55–60 kg/m<sup>3</sup>.

Side drops upholstered in Runner 3D fabric (SE-SD-⑤/⑥) as an option.

#### Backrest

Backrest supporting frame – upper part made of black, white or grey glass fiber reinforced polyamide (PA + GF), bottom part made of polished aluminium with chrome effect or powder-coated aluminium in black colour. As standard, each backrest is height adjustable in range of 90 mm.

Upholstered backrest (UPH/P) – structure is made of polypropylene (PP), covered with injected foam, thickness 26 mm, density 65–75 kg/m<sup>3</sup>. Backrest cover is made of black or white polypropylene (PP).

As an option:

- fully upholstered backrest (BA-FU-⑤),
- backrest wave-shape stitching for upholstered backrest with plastic cover (BA-V-⑤) – applies to version upholstered in leather or leather imitation,
- backrest wave-shape stitching in Runner 3D fabric for upholstered backrest with plastic cover (BA-V-⑤) – does not apply to leather and leather imitation upholstered versions.

Duo-Back backrest (DUO-BACK) – the structure is made of 8-layer plywood, thickness 12 mm, covered with injected foam, thickness 40 mm, density 65–75 kg/m<sup>3</sup>.

Side drops upholstered in Runner 3D fabric (BA-SD-⑤/⑥) as an option – does not apply to leather and leather imitation upholstered versions.

Mesh backrest (MESH) – backrest frame is made of black, white or grey glass fiber reinforced polyamide (PA + GF). Mesh consists of polyester (75%) and polyamide (25%). Available in 3 colours: black, white and grey.

Manual lumbar support (applicable to MESH backrest) – with depth adjustment in range of 20 mm (LUD2).

Manual lumbar support (applicable to upholstered backrest UPH) – with depth adjustment by a knob, in range of 25 mm (LSD2).

Pneumatic lumbar support (applicable to upholstered backrest UPH/P) – with depth adjustment in range of 30 mm (LND2).

#### Headrest

Structure is made of polypropylene (PP), covered with injected foam, thickness 50 mm, density 65–75 kg/m<sup>3</sup> one side upholstered, with polyamide (PA) headrest supporting element. Headrest cover is made of black or white polypropylene (PP). Height adjustment in range of 60 mm and tilt adjustment.

### 2.4.2. Conference frame and conference swivel chairs

#### Seat

Structure is made of 7-layer plywood, thickness 8 mm covered with injected foam, thickness 50 mm, density 50 kg/m<sup>3</sup>.

#### Backrest

Structure and types of backrests are the same as in office swivel chairs.

## 3. Armrests

### 3.1.1. Office swivel chairs

2-D armrests (R36) – made of black, grey or white glass fiber reinforced polyamide (PA + GF). Adjustment range of the armrests height 90 mm, pad rotation ± 44°.

4-D armrests (R37) – made of black glass fiber reinforced polyamide (PA + GF), with black polyurethane (PU) pads, or made of black glass fiber reinforced polyamide (PA + GF) with armrest bar made of polished aluminium with chrome effect and black soft polyurethane (PU) pads.

Adjustment range of the armrests: height 100 mm, side movement of the armrests 90 mm, forward/backward movement of the pad 40 mm, pad rotation ± 360°.

4-D armrests (R38) – made of black or white glass fiber reinforced polyamide (PA + GF), armrest bar is made of polished aluminium with chrome effect or aluminium powder-coated in Jet black RAL 9005 colour, with soft black or gray polyurethane (PU) pads.

Adjustment range of the armrests: height adjustment 110 mm, side movement of the armrests 80 mm, forward/backward movement of the pad 40 mm, pad rotation ± 360°.

### 3.1.2. Conference frame and conference swivel chairs

Fixed armrests – integrated with frame, made of steel tube Ø 25 × 2.5 mm, with black or grey polyurethane (PU) pads.

## 4. Packaging

Office swivel chair without headrest – 1 piece per box (partially assembled, packed in L-shape box).

Office swivel chair with headrest – 1 piece per box (fully assembled).

Conference frame and conference swivel chairs:

- conference swivel version 1 piece per box (fully assembled),
- cantilever frame version 2 pieces per box (assembled),

## 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)

GS safety certificate.

GS safety certificate for users' weight up to 150 kg.

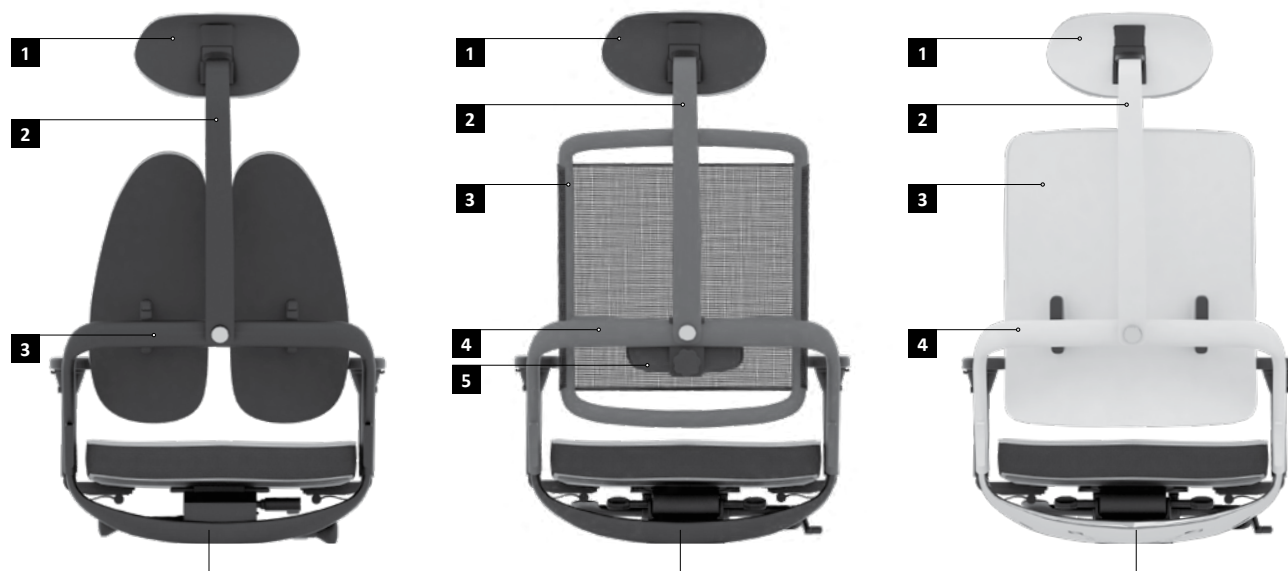
NPR 1813.

„Blue Angel“.

# Technical description

NowyStyl

## 6. Backrest colour concept (plastic elements)



Bottom part of backrest supporting frame

Made of polished aluminium with chrome effect or powder-coated aluminium in black colour

### Black version

- 1** Headrest cover
- 2** Headrest supporting element
- 3** Upper part of backrest supporting frame

### Grey version

- 1** Headrest cover
- 2** Headrest supporting element
- 3** Backrest frame
- 4** Upper part of backrest supporting frame
- 5** Lumbar cushion cover

### White version

- 1** Headrest cover
- 2** Headrest supporting element
- 3** Backrest cover
- 4** Upper part of backrest supporting frame

### 6.1. Duo-Back backrest



Black version – the following elements always in black: headrest cover and headrest supporting element (if applicable), upper part of backrest supporting frame. Bottom part of backrest supporting frame made of polished aluminium with chrome effect or powder-coated aluminium in black colour.

Grey version – the following elements always in grey: headrest supporting element (if applicable), upper part of backrest supporting frame. Bottom part of backrest supporting frame made of polished aluminium with chrome effect or powder-coated aluminium in black colour. NOTE: headrest cover always in black colour (if applicable).

White version – the following elements always in white: headrest cover and headrest supporting element (if applicable), upper part of backrest supporting frame. Bottom part of backrest supporting frame made of polished aluminium with chrome effect or powder-coated aluminium in black colour.

## 6.2. Mesh backrest



Black version – the following elements always in black: headrest cover and headrest supporting element (if applicable), upper part of backrest supporting frame, backrest frame, lumbar cushion cover (if applicable). Bottom part of backrest supporting frame made of polished aluminium with chrome effect or powder-coated aluminium in black colour.

Grey version – the following elements always in grey: headrest supporting element (if applicable), upper part of backrest supporting frame, backrest frame. Bottom part of backrest supporting frame made of polished aluminium with chrome effect or powder-coated aluminium in black colour.  
NOTE: headrest cover and lumbar cushion cover always in black colour (if applicable).

White version – the following elements always in white: headrest cover and headrest supporting element (if applicable), upper part of backrest supporting frame, backrest frame, lumbar cushion cover (if applicable). Bottom part of backrest supporting frame made of polished aluminium with chrome effect or powder-coated aluminium in black colour.

## 6.3. Upholstered backrest



Black version – the following elements always in black: headrest cover and headrest supporting element (if applicable), upper part of backrest supporting frame, backrest cover (not applicable to fully upholstered version FU). Bottom part of backrest supporting frame made of polished aluminium with chrome effect or powder-coated aluminium in black colour.

Grey version – the following elements always in grey: headrest supporting element (if applicable), upper part of backrest supporting frame. Bottom part of backrest supporting frame made of polished aluminium with chrome effect or powder-coated aluminium in black colour.  
NOTE: headrest cover and backrest cover always in black colour (if applicable).

White version – the following elements always in white: headrest cover and headrest supporting element (if applicable), upper part of backrest supporting frame, backrest cover (not applicable to fully upholstered version FU). Bottom part of backrest supporting frame made of polished aluminium with chrome effect or powder-coated aluminium in black colour.

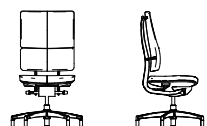
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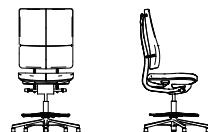
# Technical description

**NowyStyl**

## 1. Dimensions/Weight


**SAIL SWIVEL CHAIR UPH**

**SAIL SWIVEL CHAIR MESH**

**SAIL CONFERENCE SWIVEL CHAIR UPH**

**SAIL CONFERENCE SWIVEL CHAIR MESH**

**SAIL COUNTER SWIVEL CHAIR UPH**

**SAIL COUNTER SWIVEL CHAIR MESH**


Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
SAIL SWIVEL CHAIR MESH SY HRUA SDA LDA TS (ST)	420-545	380-430	470	510	1060-1170	480	540	620	Ø700	–	640	160-260	355	150	16,6 (17,4) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR MESH SY HRUA LDA TS (ST)	420-545	410	470	510	1060-1170	480	540	620	Ø700	–	640	160-260	355	150	16,3 (17,1) (LDA: 0,5 ) Headrest: 1,1
SAIL SWIVEL CHAIR UPH SY HR SDA LDA TS (ST)	420-545	350-440	470	510	1060-1170	515	560	620	Ø700	–	640	160-260	355	150	18,7 (19,5) (LDA: 0,5 ) Headrest: 1,1
SAIL SWIVEL CHAIR UPH SY HRUA LDA TS (ST)	420-545	380	470	510	1060-1170	515	560	620	Ø700	–	640	160-260	355	150	18,4 (19,2) (LDA: 0,5 ) Headrest: 1,1
SAIL SWIVEL CHAIR BA-BC SY HRUA SDA LDA TS (ST)	420-545	370-420	470	510	1060-1170	480	540	620	Ø700	–	640	160-260	355	150	17,0 (17,8) (LDA: 0,5 ) Headrest: 1,1
SAIL SWIVEL CHAIR BA-BC SY HRUA LDA TS (ST)	420-545	400	470	510	1060-1170	480	540	620	Ø700	–	640	160-260	355	150	16,7 (17,5) (LDA: 0,5 ) Headrest: 1,1
SWIVEL CONFERENCE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SWIVEL COUNTER	595-725	*	*	*	1230-1360	*	*	*	*	*	*	*	*	*	Counter +2,5

\* as with certain configurations of SAIL swivel chair

**A** – Seat height

**B** – Seat depth

**C** – Seat surface depth

**D** – Seat width

**E** – Overall height

**F** – Backrest width

**G** – Backrest length

**H** – Backrest height

**J** – Base diameter

**K** – Base width

**L** – Overall depth

**I** – Headrest height

**M** – Headrest width

**N** – Headrest height



Armrest	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
R2D-PU	195-295	240	105	475-545	670-740	1.7
R4D-PU	195-295	240	105	475-545	670-740	2.0

**Z** – Armrest height  
**Y** – Armrest length

**X** – Armrest width  
**W** – Internal width between armrests

**V** – External width between armrests



Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
SAIL SWIVEL CHAIR MESH GT HRUA SDA LDA TS (ST)	420-525	400-470	470	505	1030-1130	480	540	605	Ø700	–	660	160-260	355	150	17,6 (18,4) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR MESH GT HRUA LDA TS (ST)	420-525	440	470	505	1030-1130	480	540	605	Ø700	–	635	160-260	355	150	17,3 (18,1) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR UPH GT HRUA SDA LDA TS (ST)	420-525	370-440	470	505	1030-1130	515	560	605	Ø700	–	660	160-260	355	150	19,7 (20,5) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR UPH GT HRUA LDA TS (ST)	420-525	410	470	505	1030-1130	515	560	605	Ø700	–	635	160-260	355	150	19,4 (20,2) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR BA-BC GT HRUA SDA LDA TS (ST)	420-525	390-460	470	505	1030-1130	480	540	605	Ø700	–	660	160-260	355	150	18,0 (18,8) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR BA-BC GT HRUA LDA TS (ST)	420-525	430	470	505	1030-1130	480	540	605	Ø700	–	635	160-260	355	150	17,7 (18,4) LDA: 0,5 Headrest: 1,1
SWIVEL CONFERENCE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SWIVEL COUNTER	620-720	*	*	*	1225-1325	*	*	*	*	*	*	*	*	*	Counter +2,5

\* as with certain configurations of SAIL swivel chair

**A** – Seat height  
**B** – Seat depth  
**C** – Seat surface depth  
**D** – Seat width  
**E** – Overall height

**F** – Backrest width  
**G** – Backrest length  
**H** – Backrest height  
**J** – Base diameter  
**K** – Base width

**L** – Overall depth  
**I** – Headrest height  
**M** – Headrest width  
**N** – Headrest height

# Technical description



Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
SAIL SWIVEL CHAIR MESH SA HRUA SDA LDA TS (ST)	420-545	410-460	470	510	1070-1190	480	540	620	Ø700	–	650	160-260	355	150	17,1 (17,9) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR MESH SA HRUA LDA TS (ST)	420-545	450	470	510	1070-1190	480	540	620	Ø700	–	635	160-260	355	150	16,8 (17,6) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR UPH SA HRUA SDA LDA TS (ST)	420-545	380-430	470	510	1070-1190	515	560	620	Ø700	–	650	160-260	355	150	18,6 (19,4) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR UPH SA HRUA LDA TS (ST)	420-545	420	470	510	1070-1190	515	560	620	Ø700	–	635	160-260	355	150	18,3 (19,1) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR BA-BC SA HRUA SDA LDA TS (ST)	420-545	400-450	470	510	1070-1190	480	540	620	Ø700	–	650	160-260	355	150	17,0 (17,8) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR BA-BC SA HRUA LDA TS (ST)	420-545	440	470	510	1070-1190	480	540	620	Ø700	–	635	160-260	355	150	16,7 (17,5) LDA: 0,5 Headrest: 1,1
SWIVEL CONFERENCE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SWIVEL COUNTER	605-735	*	*	*	1240-1370	*	*	*	*	*	*	*	*	*	Counter +2,5

\* as with certain configurations of SAIL swivel chair

**A** – Seat height

**B** – Seat depth

**C** – Seat surface depth

**D** – Seat width

**E** – Overall height

**F** – Backrest width

**G** – Backrest length

**H** – Backrest height

**J** – Base diameter

**K** – Base width

**L** – Overall depth

**I** – Headrest height

**M** – Headrest width

**N** – Headrest height



Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
SAIL SWIVEL CHAIR MESH SC HRUA SDA LDA TS (ST)	420-545	390-440	470	510	1060-1170	480	540	620	Ø700	–	650	160-260	355	150	17,0 (17,8) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR MESH SC HRUA LDA TS (ST)	420-545	410	470	510	1060-1170	480	540	620	Ø700	–	635	160-260	355	150	16,7 (17,4) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR UPH SC HRUA SDA LDA TS (ST)	420-545	360-410	470	510	1060-1170	515	560	620	Ø700	–	650	160-260	355	150	18,6 (19,4) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR UPH SA HRUA LDA TS (ST)	420-545	380	470	510	1060-1170	515	560	620	Ø700	–	635	160-260	355	150	18,3 (19,0) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR BA-BC SA HRUA SDA LDA TS (ST)	420-545	380-430	470	510	1060-1170	480	540	620	Ø700	–	650	160-260	355	150	17,4 (18,2) LDA: 0,5 Headrest: 1,1
SAIL SWIVEL CHAIR BA-BC SA HRUA LDA TS (ST)	420-545	400	470	510	1060-1170	480	540	620	Ø700	–	635	160-260	355	150	17,1 (17,8) LDA: 0,5 Headrest: 1,1
SWIVEL CONFERENCE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SWIVEL COUNTER	615-745	*	*	*	1250-1380	*	*	*	*	*	*	*	*	*	Counter +2,5

\* as with certain configurations of SAIL swivel chair

**A** – Seat height

**B** – Seat depth

**C** – Seat surface depth

**D** – Seat width

**E** – Overall height

**F** – Backrest width

**G** – Backrest length

**H** – Backrest height

**J** – Base diameter

**K** – Base width

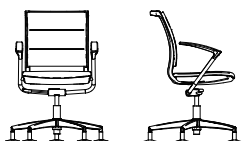
**L** – Overall depth

**I** – Headrest height

**M** – Headrest width

**N** – Headrest height





SAIL CONFERENCE SWIVEL CHAIR  
MESH 2



Model	Dimensions (mm)										Weight (kg)
	A	B	C	D	E	F	G	H	J	L	
SAIL CONFERENCE SWIVEL CHAIR MESH 2	420–540	430	460	505	895–1015	440	410	435	700	635	14

A – Seat height

B – Seat depth

C – Seat surface depth

D – Seat width

E – Overall height

F – Backrest width

G – Backrest length

H – Backrest height

J – Base diameter

L – Overall depth



Armrest	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
	220	305	50	495	593	-

Z – Armrest height

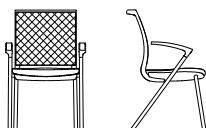
Y – Armrest length

X – Armrest width

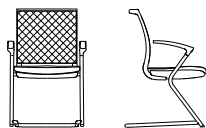
W – Internal width between armrests

V – External width between armrests

#### 1.4 Frame chairs



SAIL FRAME CHAIR 4LA MESH



SAIL FRAME CHAIR CFA MESH



Model	Dimensions (mm)												Weight (kg)
	A	A1	B	C	D	E	F	G	H	K	V	L	
SAIL FRAME CHAIR 4LA MESH	480	470	435	470	505	875	440	415	645	565	590	610	12.7
SAIL FRAME CHAIR 4LA MESH BA-BC	480	470	430	460	505	875	440	415	645	565	590	610	13,1
SAIL FRAME CHAIR CFA MESH	470	460	435	470	505	885	440	415	645	560	590	615	13.3
SAIL FRAME CHAIR CFA MESH BA-BC	470	460	430	460	505	885	440	415	645	560	590	615	13,7

A – Seat height

A1 – Seat height according to standard EN 16139

B – Seat depth

C – Seat surface depth

D – Seat width

E – Overall height

F – Backrest width

G – Backrest length

H – Armrests height

K – Base width

V – Overall width

L – Overall depth

## 2. Materials/Versions

### 2.1. Base/Frame

#### 2.1.1. Swivel chairs/counter swivel chairs/conference swivel chairs/conference chairs

##### Bases:

- Ø 700 mm five-star base made of glass fiber reinforced polyamide in black colour (TS),
- Ø 700 mm five-star aluminium powder-coated in Jet black colour (ST-BL),
- Ø 700 mm five-star aluminium powder-coated in White aluminium colour (ST-WA),
- Ø 700 mm five-star polished aluminium with chrome effect (ST-POL).

#### 2.1.2. Conference frame chairs (cantilever and 4-leg frame)

Frame is made of steel tube Ø 25 × 2.5 mm.

Finish options:

- powder-coated in Jet black colour (E-BL),
- powder-coated in White aluminium colour (E-WA),
- chromium plated (E-CR).

##### Stackable:

Cantilever – stackable up to 3 pieces.

4-leg frame – stackable up to 3 pieces.

### 2.2. Castors/Glides

#### 2.2.1. Office swivel chairs

For swivel chair and conference chair 2 double-link castors conform to standard EN12529. Ø 65 mm self-braking black plastic castors for soft floors (ESH) as standard, or hard floors (ESHH) as an option.

For conference swivel chair 2 also glides for soft floors (GB) or with felt for hard floors (GBF) as an option.

Conference and counter swivel chair:

Glides for soft floors (GB) as standard or hard floors (GBF) as an option.

#### 2.2.2. Conference frame chairs

##### Cantilever

Glides for soft floors (GB) or with felt for hard floors (GBF) as an option.

##### 4-leg frame

Glides for soft floors (GB) or with felt for hard floors (GBF) as an option.

### 2.3. Mechanisms

Mechanism made of aluminium and plastic in black colour.

Mechanism cover is made of heavy metal-free black polypropylene (PP).

#### 2.3.1. Office swivel chairs

Synchronous mechanism (SY) – functions:

- backrest tilt synchronised with seat tilt at rate 3.8:1,
- backrest tilt angle of 23° synchronised with seat tilt angle of 6°,
- backrest multi-lock in 4 positions (travel limiter),
- smooth weight adjustment (2 turns fast adjustment),
- seat depth adjustment: 6 positions = 50 mm (as an option),
- smooth height adjustment of chair.

Synchronous mechanism with automatic height adjustment (SA) – functions:

- backrest tilt synchronised with seat tilt at rate 3.4:1,
- backrest tilt angle of 20.5° synchronised with seat tilt angle of 6°,
- backrest multi-lock in 4 positions (travel limiter),
- automatic weight adjustment (8 turns fine adjustment),
- seat depth adjustment: 6 positions = 50 mm (as an option),
- smooth height adjustment of chair.

Synchronous-comfort mechanism (SC)

– functions:

- backrest tilt synchronised with seat tilt at rate 2.6:1,
- backrest tilt angle of 31° synchronised with seat tilt angle of 12°,
- backrest multi-lock in 4 positions,
- safety feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth weight adjustment (2.5 turns fast adjustment),
- negative seat inclination in range of 0 – 4°,
- seat depth adjustment: 6 positions = 50 mm (as an option),
- smooth height adjustment of chair.

Glide-tec patented mechanism (GT) – functions:

- backrest tilt synchronised with seat tilt at rate 2.7:1,
- backrest tilt angle of 16° synchronised with seat tilt angle of 6°,
- backrest multi-lock in 4 positions (travel limiter),
- smooth weight adjustment (3.5 turns fast adjustment),
- seat depth adjustment: 7 positions = 60 mm (as an option),
- smooth height adjustment of chair.

### 2.4. Seat, backrest and headrest

#### 2.4.1. Office swivel chairs

##### Seat

Seat cushion is made of CFC-free polyurethane (PU) foam, thickness approx. 50 mm, density 60 kg/m<sup>3</sup> ± 3.

##### Backrest

###### Mesh backrest

Backrest frame is made of glass fiber reinforced polyamide (PA + GF), upholstered in NTS mesh. Manual lumbar support (LDA) – smooth height adjustment in range of 70 mm, depth adjustment in range of 15 mm.

Upholstered backrest SAIL UPH (Replaces current versions of SAIL PLUS)

Structure is made of polypropylene (PP), upholstered with CFC-free polyurethane (PU) foam, thickness approx. 45 mm, density 60 kg/m<sup>3</sup> ± 3. Manual lumbar support (LDA) – smooth height adjustment in range of 70 mm, depth adjustment in range of 15 mm.

**Options** (dedicated to particular office swivel chair models):

Backrest cushion (BC) – upholstered cut foam, thickness approx. 15 mm, density 46 kg/m<sup>3</sup> ± 3 (applicable to Sail mesh).

##### Headrest

Adjustable headrest (HRUA) – structure is made of plywood, thickness 5 mm, covered with cut foam, thickness 15 mm, density 46 kg/m<sup>3</sup> ± 3, upholstered in fabric or leather.

Headrest is upholstered in the same fabric as seat or in black Nappa leather, as an option. Smooth height adjustment in range of 100 mm.

#### 2.4.2. Conference swivel chairs 2 and conference frame chairs

##### Seat

Seat cushion is made of CFC-free polyurethane (PU) foam, thickness approx. 50 mm, density 60 kg/m<sup>3</sup> ± 3.

##### Backrest

Flexible backrest – frame is made of glass fiber reinforced polyamide (PA + GF) in black colour. Backrest tilt angle 7°.

Backrest cushion (BC) – upholstered with cut foam, thickness approx. 15 mm, density 46 kg/m<sup>3</sup> ± 3.

### 2.5. Armrests

#### 2.5.1. Office swivel chairs

2-D armrests (R2D) – armrest bar made of polyamide (PA) or polished aluminium. Pads made of black soft polyurethane (PU).

Adjustment range of 2-D armrests:

height 100 mm (11 positions), side movement of the armrests: 70 mm.

4-D armrests (R4D) – armrest bar made of polyamide (PA) or polished aluminium. Pads made of black soft polyurethane (PU).

Adjustment range of 4-D armrests:

height 100 mm (11 positions), side movement of the armrests: 70 mm, forward/backward movement of the pad 50 mm, pad rotation in 6 positions ± 15/30°.

Possibility of purchasing all armrests in future.

#### 2.5.2. Conference chairs and conference frame chairs

Fixed armrests integrated with frame, powder-coated in black colour, white aluminium or chromium plated. Armrest pads made of black glass fiber reinforced polyamide (PA + GF).

### 3. Packaging

Office swivel chairs with headrest – 1 piece per box (fully assembled).

Office swivel chair without headrest – 1 piece per box (partially assembled, packed in L-shape box).

Conference swivel chair – 1 piece per box (fully assembled).

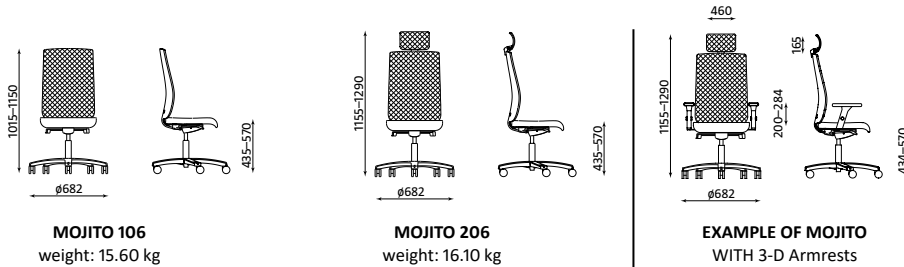
Conference frame chair – 2 pieces per box (fully assembled).

### 4. Technical regulations, approvals and quality marks

- Office Excellence Quality Certificate
- GS-sign TÜV
- Blue Angel
- Ergonomics tested
- Harmful substances tested
- Quality Office

Mojito

## 1. Dimensions/Weight



## 2. Materials/Versions

### 2.1. Base

#### Bases:

- Ø 682 mm five-star black polyamide (TS18),
- Ø 682 mm five-star aluminium powder-coated in White aluminium RAL 9006 colour ST32-ALU (X), with protective plastic inlays,
- Ø 682 mm five-star polished aluminium with chrome effect ST32-POL (Z), with protective plastic inlays.

### 2.2. Castors

Ø 65 mm black plastic self-braking castors for soft floors as standard, or hard floors (K1F) as an option.

### 2.3. Mechanisms

#### REVO synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt synchronised with the seat tilt at rate 2:1,
- backrest tilt angle of 21° synchronised with the seat tilt angle of 10°,
- backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a crank,
- seat depth adjustment 65 mm – as an option (M1T),
- seat depth adjustment and negative seat inclination in range of 5° – as an option (M1TS),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

## 2.4. Seat, backrest and headrest

### Seat

Structure is made of 8-layer plywood, thickness 11 mm, covered with injected foam, thickness 40 mm.

### Backrest

Mesh backrest – structure is made of glass fiber reinforced polyamide (PA + GF), backrest connector is made of flat steel bar, thickness 8 mm.

Lumbar support – back part is made of plastic, front part is upholstered in black leather, height adjustment in range of 80 mm, depth adjustment in range of 10 mm, as standard.

### Headrest

Mesh headrest – structure is made of polyamide (PA), upholstered in mesh, tilt adjustment.

Upholstered headrest (ZQ) – structure is made of polyamide (PA), covered with 3 mm cut foam, one side upholstered in leather, tilt adjustment – as an option.

## 3. Armrests

Fixed – made of steel powder-coated in White aluminium RAL 9006 colour or polished aluminium with chrome effect. Armrest pads are made of solid beech wood, thickness 17 mm, covered with polyurethane (PU) foam, thickness 3 mm, upholstered in leather.

Height adjustable – structure is made of black glass fiber reinforced polyamide (PA + GF) and polished aluminium with chrome effect, with black polyurethane (PU) pads. Adjustment range of the armrests: height 80 mm.

3-D armrests – structure is made of black glass fiber reinforced polyamide (PA + GF) and steel powder-coated in Jet black RAL 9005 colour or chromium plated, with black polyurethane (PU) pads. Adjustment range of the armrests: height 80 mm, forward/backward movement of the pad 50 mm, pad rotation ± 25°.

4-D armrests – structure is made of black glass fiber reinforced polyamide (PA + GF) and steel powder-coated in Jet black RAL 9005 colour or chromium plated, with black polyurethane (PU) pads. Adjustment range of the armrests: height 80 mm, side movement of the armrests 50 mm, forward/backward movement of the pad 40 mm, width adjustment of the pad (to one side) 50 mm.

## 4. Packaging

Office swivel chair – 1 piece per box (partially assembled, in L-shape box, as standard).

## 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)

GS Safety Certificate only for: Mojito 006, 106, 206.

Remodex (durability certificate) – approvals compliant with: PN-EN 1335;1022 – swivel chairs.

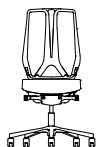
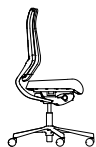
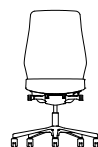
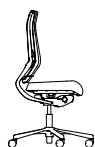
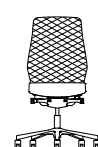
Ergonomic Assessment Report by Nofer Institute of Occupational Medicine compliant with PN-EN 1335.

Denuo

# Technical description

**NowyStyl**

## 1. Dimensions/Weight


**DENUO SWIVEL CHAIR MESH**

**DENUO SWIVEL CHAIR MESH PLUS**

**DENUO SWIVEL CHAIR UPH/PLASTIC**

**DENUO SWIVEL CHAIR UPH/PLASTIC PLUS**


Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
DENUO-LU MESH TS29 RTS LP33-STD ESH	400÷515	380÷480	490	500	1070÷1180	475	630	650	φ760	—	685	—	—	—	16,8
DENUO-LU MESH ST55 RTS LP33-STD ESH															17,3
DENUO-LU UPH TS29 RTS LP33-STD ESH	400÷515	400÷500	490	500	1040÷1150	510	605	625	φ760	—	685	—	—	—	17,5
DENUO-LU UPH ST55 RTS LP33-STD ESH															18

**A** – Seat height

**B** – Seat depth

**C** – Seat surface depth

**D** – Seat width

**E** – Overall height

**F** – Backrest width

**G** – Backrest length

**H** – Backrest height

**J** – Base diameter

**K** – Base width

**L** – Overall depth

**I** – Headrest height

**M** – Headrest width

**N** – Headrest height


Armrest	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
R64	190÷290	244	110	390÷510	610÷735	1,5
R64-POL						

**Z** – Armrest height

**Y** – Armrest length

**X** – Armrest width

**W** – Internal width between armrests

**V** – External width between armrests

## 2. Materials/Versions

### 2.1. Base

#### Bases:

- Ø 760 mm five-star black polyamide (TS29),
- Ø 760 mm five-star white polyamide (TS29-W),
- Ø 760 mm five-star light grey polyamide (TS29-G),
- Ø 760 mm five-star aluminium powder-coated in Jet black RAL 9005 colour (ST55-BL),
- Ø 760 mm five-star polished aluminium with chrome effect (ST55-POL).

### 2.2. Castors

Ø 65 mm black plastic self-braking castors for soft floors (ESH) as standard, or hard floors (ESHH) as an option.

Ø 65 mm grey plastic self-braking castors for soft floors (ESH-G) or hard floors (ESHH-G), both as an option.

### 2.3. Mechanisms

Mechanism plastic covers available in following colours: black, white or grey, depending on selected colour concept.

#### LP33-ST synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle in range of 23 ° synchronised with the seat tilt angle in range of 11 °,
- backrest multi-lock in 5 positions, seat multi-lock in 4 positions,
- backrest tilt force adjustment with a knob placed on right side of the seat,
- seat depth adjustment 100 mm – function integrated with seat,
- negative seat inclination in range of 3 °, synchronously tilting with the backrest at 6 °, which guarantees optimal support for the user's back at each tilted position of the chair – as an option (LP33N-ST),

- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

### 2.4. Seat and backrest

#### Seat

Structure is made of polypropylene (PP) covered with injected foam, thickness 69 mm, density 52.2 kg / m<sup>3</sup>.

Finish options:

- black or grey plain woven fabric,
- selected fabrics from price groups 1, 2 and 4.

#### Backrest

Upholstered backrest (UPH/PLASTIC, UPH/PLASTIC PLUS) – backrest cover is made of black, white or grey polypropylene (PP), injected foam thickness ≈ 51.4 mm, density 75.7 kg / m<sup>3</sup>.

Backrest upholstered in plain woven fabric is available in 5 dedicated colours or upholstered in selected fabrics from price groups 1, 2 and 4 (UPH/PLASTIC version).

Backrest upholstered in woven fabric with 3D diamond pattern is available in 5 dedicated colours only (UPH/PLASTIC PLUS version).

Manual lumbar support (LSH2) – integrated with backrest, made of polypropylene (PP), height adjustment in range of 70 mm, as standard.

Mesh backrest (MESH, MESH PLUS) – backrest frame is made of glass fiber reinforced polyamide (PA + GF) available in black, white or grey colour. Backrest upholstered in transparent mesh (MESH version), or in woven fabric with 3D diamond pattern (MESH PLUS version), both available in 5 dedicated colours only.

Manual lumbar support (LUH2) – made of polypropylene (PP), available in following colours: black, white and grey, depending on selected colour concept. Height adjustment in range of 60 mm, as an option.

### 3. Armrests

4-D armrests – made of black or white glass fiber reinforced polyamide (PA + GF) with black soft polyurethane (PU) pads or soft polyurethane pads upholstered in black Valencia artificial leather. Armrest bar is made of black glass fiber reinforced polyamide (PA + GF) or polished aluminium with chrome effect.

Adjustment range of the armrests: height 100 mm, side movement of the armrests 40 mm to one side, side movement of the pad 20 mm to one side, forward/backward movement of the pad ± 50 mm, pad rotation ± 30 °.

### 4. Packaging

Partially assembled chair (PACK-L) – 1 piece per L-shape box – as standard.

The box contains 3 separate elements:

- seat with assembled mechanism, backrest and armrests,
- base with assembled castors,
- gas lift.

Fully assembled chair (PACK-ASM) – 1 piece per box – as an option.

### 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)

GS safety certificate.

NPR 1813.

Blue Angel.

Ergonomics tested.

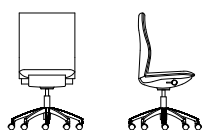
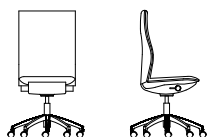
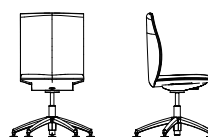
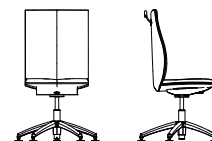
Tiger UP



# Technical description

**NowyStyl**

## 1. Dimensions/Weight


**TIGER UP SWIVEL CHAIR MB UPH**

**TIGER UP SWIVEL CHAIR HB UPH**

**TIGER UP CONFERENCE SWIVEL CHAIR  
MB UPH**

**TIGER UP CONFERENCE SWIVEL CHAIR  
HB UPH**


Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
TIGER UP SWIVEL MB UPH AS TS (ST)	415-540	410	415	505	930-1050	506	570	475	660	–	620	–	–	–	16,9 (17,2)
TIGER UP SWIVEL HB UPH AS TS (ST)	415-540	410	415	505	1010-1130	506	650	555	660	–	620	–	–	–	17,2 (17,5)
TIGER UP SWIVEL HB HRUA UPH AS TS (ST)	415-540	410	415	505	1035-1155	506	675	580	660	–	620	176	498	176	18,6 (18,9)

**A** – Seat height  
**B** – Seat depth  
**C** – Seat surface depth  
**D** – Seat width  
**E** – Overall height

**F** – Backrest width  
**G** – Backrest length  
**H** – Backrest height  
**J** – Base diameter  
**K** – Base width

**L** – Overall depth  
**I** – Headrest height  
**M** – Headrest width  
**N** – Headrest height



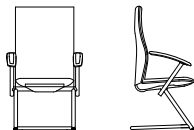
Armrest	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
GTP	210	375	78	505	661	2,4
R	185-255	375	78	505	661	3,2

**Z** – Armrest height  
**Y** – Armrest length

**X** – Armrest width  
**W** – Internal width between armrests

**V** – External width between armrests

## 1.2. Frame chairs


**TIGER UP FRAME CHAIR CFA MB UPH**

**TIGER UP FRAME CHAIR CFA HB UPH**


Model	Dimensions (mm)												WEIGHT (kg)
	A	A1	B	C	D	E	F	G	H	K	V	L	
TIGER UP FRAME CFA MB UPH	453	468	435	435	504	895	506	570	671	590	645	625	14,2
TIGER UP FRAME CFA HB UPH	453	468	435	435	504	975	506	650	671	590	645	625	15,5

**A** – Seat height  
**A1** – Seat height according to standard EN 16139  
**B** – Seat depth

**C** – Seat surface depth  
**D** – Seat width  
**E** – Overall height  
**F** – Backrest width

**G** – Backrest length  
**H** – Armrests height  
**L** – Overall depth  
**V** – Overall width

## 2. Materials/Versions

### 2.1. Base/Frame

#### 2.1.1. Office swivel chairs (swivel chairs/conference swivel chairs)

##### Bases:

- Ø 660 mm five-star, black glass fiber reinforced polyamide (TS),
- Ø 660 mm five-star, polished aluminium (ST-POL), pneumatic gas lift with decreased pressure included.

#### 2.1.2. Conference frame chairs (cantilever)

Cantilever frame – made of steel tube, crossbar made of extruded aluminium profile: Ø 30 × 2 mm – front part of frame and Ø 25 × 2 mm – back part of frame. Finish option: chromium plated (E-CR). No stacking possibility of chairs.

### 2.2. Castors/Glides

#### 2.2.1. Office swivel chairs

##### Swivel chairs

Double-link castors conform to standard EN12529.

Ø 65 mm black self-braking castors for soft floors (ESH) as standard, or hard floors (ESHH) as an option.

##### Conference swivel chairs

Glides for soft floors (GB) as standard or glides with felt for hard floors (GBF) as an option.

#### 2.2.2. Conference frame chairs

##### Cantilever

Metal glides for soft floors (GB) or with felt for hard floors (GBF) as an option.

### 2.3. Mechanisms

#### 2.3.1. Office swivel chairs

##### GLIDE-TEC patented mechanism (GT)

##### – functions:

- backrest tilt synchronized with seat tilt at rate 3:1,
- backrest tilt angle in range of 19° synchronized with seat tilt angle in range of 6°
- backrest block at upright position,
- weight adjustment in 2 positions over half a turn,
- smooth height adjustment of seat.

#### 2.4. Seat, backrest and headrest – smooth height adjustment of seat

##### Seat and backrest

made of CFC-free polyurethane (PU) foam: integrated seat and backrest made of viscoplastic polypropylene (separable according to type). Back upholstered on both sides. Thickness of seat cushion approx. 40 mm, backrest cushion approx. 30 mm, density 58 kg/m<sup>3</sup> ± 3. As standard, upholstery is underlain with a non-woven fabric (thickness approx. 5 mm). Within seat: comfortable upholstery thanks to additional foam insert (thickness approx. 10 mm).

AirShape System (AS) – consists of 4-chambers placed inside backrest which can be filled up with air by using a pump located under the seat. The system ensures optimal adjustment of lumbar support to user's back. Available as an option.

Seat covers are made of:

- heavy metal-free black polypropylene (PP) in office swivel chairs
- heavy metal-free black polystyrene (PS) in conference frame chairs.

### Headrest

Adjustable headrest (HRUA) – structure is made of plywood (thickness 5 mm) covered with cut foam, thickness 10 mm, 10 mm and 5 mm, density approx. 38 – 41 kg/m<sup>3</sup>, headrest is fully upholstered. Tilt adjustment.

### 2.5 Armrests

#### 2.5.1. Office swivel chairs

Armrests made of steel tube and steel sheet, chromium plated or powder-coated in black colour.

Armrest pads made of black soft polyurethane (PU) or covered with leather (in case of chair version upholstered in leather, armrest pad in leather as standard).

Armrests can be assembled after delivery by a qualified serviceman.

As an option: height adjustable armrests in range of 70 mm (8 steps).

#### 2.5.2. Conference frame chairs

Fixed armrests integrated with frame, chromium plated.

Armrest pads made of black soft polypropylene (PU) or in case of chair version upholstered in leather, armrest pad in leather.

### 3. Packaging

Office swivel chairs with headrest – 1 piece per box, fully assembled.

Office swivel chairs without headrest – 1 piece per box, partially assembled, in L-shape box.

Conference frame chair – 1 piece per box (fully assembled).

### 4. Technical regulations, approvals and quality marks

- GS-sign TÜV
- Ergonomics tested
- Harmful substances tested
- Quality Office

GLOBEline

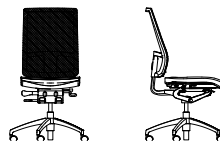
# Technical description

**NowyStyl**

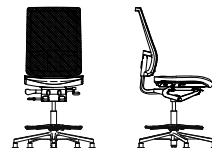
## 1. Dimensions / Weight

### 1.1. Office swivel chairs


**GLOBELINE SWIVEL CHAIR MB UPH/P**

**GLOBELINE SWIVEL CHAIR HB UPH/P**

**GLOBELINE SWIVEL CHAIR HB MESH**

**GLOBELINE COUNTER SWIVEL CHAIR  
MB UPH/P**

**GLOBELINE COUNTER SWIVEL CHAIR  
HB UPH/P**

**GLOBELINE COUNTER SWIVEL CHAIR  
HB MESH**


Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
GLOBELINE SWIVEL MB UPH/P HRUA SDA LDA TS (ST)	425-535	440-490	485	475	920-1105	450	450	445-535	660	–	710	200-270	280	165	16,3 (17,1) Headrest: 1
GLOBELINE SWIVEL MB UPH/P HRUA LDA TS (ST)	425-535	460	485	475	920-1105	450	450	445-535	660	–	695	200-270	280	165	16,0 (16,8) Headrest: 1
GLOBELINE SWIVEL HB UPH/P HRUA SDA LDA TS (ST)	425-535	440-490	485	475	1005-1190	450	535	550-620	660	–	710	200-270	280	165	16,8 (17,6) Headrest: 1
GLOBELINE SWIVEL HB UPH/P HRUA LDA TS (ST)	425-535	460	485	475	1005-1190	450	535	550-620	660	–	695	200-270	280	165	16,5 (17,3) Headrest: 1
GLOBELINE SWIVEL HB MESH HRMA SDA LDA TS (ST)	420-530	435-485	485	475	1057-1245	445	585	616-683	660	–	710	160-240	270	145	17,8 (18,6) Headrest: 1
GLOBELINE SWIVEL HB MESH HRMA LDA TS (ST)	420-530	455	485	475	1057-1245	445	585	616-683	660	–	695	160-240	270	145	17,6 (18,4) Headrest: 1

**A** – Seat height  
**B** – Seat depth  
**C** – Seat surface depth  
**D** – Seat width  
**E** – Overall height

**F** – Backrest width  
**G** – Backrest length  
**H** – Backrest height  
**J** – Base diameter  
**K** – Base width

**L** – Overall depth  
**I** – Headrest height  
**M** – Headrest width  
**N** – Headrest height



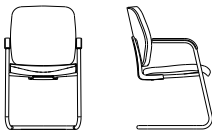
Armrest	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
R2D-PP	185-285	205	75	480-550	620-690	1,7
R2D-PU	190-290	230	95	455-525	455-525	1,9
R4D-PU	180-280	230	90	645-715	635-705	1.8

**Z** – Armrest height  
**Y** – Armrest length

**X** – Armrest width  
**W** – Internal width between armrests

**V** – External width between armrests

1.2. Conference frame chairs



GLOBELINE FRAME CHAIR CFA MB UPH



Model	Dimensions (mm)												Weight (kg)
	A	A1	B	C	D	E	F	G	H	K	L	V	
GLOBELINE FRAME CHAIR CFA MB UPH	450	458	450	480	475	910	440	440	659	555	555	600	12,0

- A – Seat height

A1 – Seat height according to standard  
EN 16139

B – Seat depth

- C – Seat surface depth

D – Seat width

E – Overall height

F – Backrest width

- G – Backrest length

H – Armrests height

L – Overall depth

V – Overall width

## 2. Materials/Versions

### 2.1. Base/Frame

#### 2.1.1. Office swivel chairs (swivel chairs/counter swivel chairs)

##### Bases

- Ø 700 mm five-star black glass fiber reinforced polyamide (TS),
- Ø 700 mm five-star aluminium powder-coated in Jet Black colour (ST-BL),
- Ø 700 mm five-star aluminium powder-coated in White Aluminium colour (ST-WA),
- Ø 700 mm five-star polished aluminium (ST-POL).

#### 2.1.2. Conference frame chairs (cantilever)

Cantilever: frame made of steel tube

Ø 25 × 2.5 mm.

Finish options:

- powder coated in Jet Black colour (E-BL),
- powder coated in White aluminium colour (E-WA),
- chromium plated (E-CR).

Stacking:

Stackable up to 4 pieces.

### 2.2. Castors/Glides

#### 2.2.1. Office swivel chairs

##### Swivel chairs

Double-link castors conform to standard DIN EN 12529;

Ø 65 mm black plastic self-braking castors for soft floors (ESH) as standard, or hard floors (ESHH) as an option.

##### Counter swivel chairs

Glides for soft floors (GB) or with felt for hard floors (GBF) – as an option.

For counter version castors available on request.

#### 2.2.3. Conference frame chairs (cantilever)

No glides for soft floors or glides with felt for hard floors as an option (GBF).

### 2.3. Mechanisms

Mechanism made of Aluminium and plastic in black colour.

Mechanism cover is made of glass fiber reinforced polyamide (PA + GF).

#### 2.3.1 Office swivel chairs

##### **SY SYNCHRONOUS MECHANISM**

Functions:

- backrest tilt synchronised with seat tilt at rate 3:1,
- backrest tilt angle of 21° synchronised with seat tilt angle of 7°,
- backrest multi-lock in 4 positions,
- smooth weight adjustment (2 turns fast adjustment),
- Seat depth adjustment: 5 positions = 50 mm (as an option) [SDA]
- Seat depth adjustment: 6 positions = 50 mm and negative seat inclination in range of 0 – 3° as an option (SDA DGA),
- smooth height adjustment of chair.

### 2.4. Seat, backrest and headrest

#### 2.4.1. Office swivel chairs

##### **Seat**

Structure made of polypropylene (PP). Seat cushion made of CFC-free polyurethane (PU) injected foam, thickness at least 50 mm and density: 58 kg/m³ ± 3.

GLOBEline models with side drops upholstered in Runner 3D fabric available (in case of seat upholstered in leather, side drops in leather).

##### **Backrest**

All backrests are height adjustable in range of 70 mm in 7 steps.

##### Mesh backrest

Frame made of polypropylene (PP) upholstered in Runner 3D fabric, breathable and flexible.

Magnetic lumbar support (LUH2) (as an option); two black plastic elements with magnets, with

height and depth adjustment (operating instructions must be followed).

##### Upholstered backrest

Structure made of polypropylene (PP), upholstered with CFC-free polyurethane (PU) injected foam, thickness approx. 20-40 mm, density: 60 kg/m³ ± 3.

GLOBEline models with side drops upholstered in Runner 3D fabric available (in case of seat upholstered in leather, side drops in leather). Backrest cover made of glass fiber reinforced polyamide (PA + GF).

Manual lumbar support (LDA) (as an option) – height adjustment in range of 30 mm.

##### **Headrest**

Adjustable mesh headrest (HRMA) – structure is made of polyamide (PA), covered with Runner 3D fabric, smooth height adjustment in range of 60 mm and tilt adjustment (applicable to mesh version).

Adjustable upholstered headrest (HRUA) – structure is made of glass fiber reinforced polyamide (PA + GF), covered with cut foam (thickness 30 mm, density 60 kg/m³ ± 3), upholstered in fabric or leather; headrest in the same upholstery as backrest.

Smooth height adjustment in range of 60 mm and tilt adjustment (applicable to upholstered version).

#### 2.4.2. Conference frame chairs

##### **Seat**

Structure is made of polypropylene (PP). Seat cushion is made of CFC-free polyurethane (PU) foam, thickness approx. 40 mm, density 58 kg/m³.

GLOBEline models are available with side drops upholstered in Runner 3D fabric (in case of seat upholstered in leather, side drops in leather).

#### Backrest

Structure is made of polypropylene (PP). Seat cushion is made of CFC-free polyurethane (PU) foam, thickness approx. 20 – 40 mm and approx. 50 mm, density 58 kg / m<sup>3</sup> ± 3. GLOBEline models are available with side drops upholstered in Runner 3D fabric (in case of seat upholstered in leather, side drops in leather). Backrest cover made of glass fiber reinforced polyamide (PA + GF).

#### 2.5. Armrests

##### 2.5.1. Office swivel chairs

2-D Armrests (R2D) – armrest bar made of polyamide (PA) with black polyamide (PA) or black polyurethane (PU) pads. Adjustment range of the 2-D armrests: height adjustment 100 mm (11 positions), side movement of the armrests 70 mm

4-D Armrests (R4D) – armrest bar made of polyamide (PA) with black polyurethane (PU) pads.

Adjustment range of the 4-D armrests: height adjustment 100 mm (7 positions), side movement of the armrests 70 mm, forward/backward movement of the pad ± 30 mm, pad rotation in 3 positions (+30°/-30°). Possibility of purchasing all armrests in future.

##### 2.5.2. Conference frame chairs

Fixed armrests integrated with frame, powder-coated in black or white aluminium colour, or chromium plated. Armrest pads made of black polypropylene (PP).

#### 3. Packaging

Office swivel chair with headrest – 1 piece per box (fully assembled).

Office swivel chair without headrest – 1 piece per box (partially assembled, packed in L-shape box).

Conference frame chair – 2 pieces per box (fully assembled).

#### 4. Technical regulations, approvals and quality marks

- GS-sign TÜV
- Blue Angel
- Ergonomics tested
- Harmful substances tested
- Quality Office

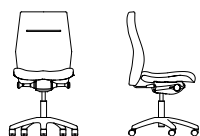
SO-one



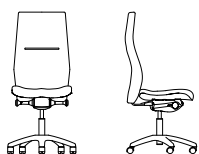
# Technical description

## 1. Dimensions/Weight

### 1.1. Office swivel chairs



SO-ONE SWIVEL CHAIR MB UPH



SO-ONE SWIVEL CHAIR HB UPH



Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
SO-ONE SWIVEL CHAIR MB UPH TS25 RTS LP11 ESH/ESHH	400–520	410	475	500	985–1185	490	630	585–655	—	—	—	710	—	644	16,8
SO-ONE SWIVEL CHAIR MB UPH LSD2 TS25 RTS LP11 ESH/ESHH	400–520	395–410	475	500	985–1185	490	630	585–655	—	—	—	710	—	644	17,1
SO-ONE SWIVEL CHAIR MB UPH ST44 RTS LP11 ESH/ESHH	400–520	410	475	500	985–1185	490	630	585–655	—	—	—	700	—	636	17
SO-ONE SWIVEL CHAIR MB UPH LSD2 ST44 RTS LP11 ESH/ESHH	400–520	395–410	475	500	985–1185	490	630	585–655	—	—	—	700	—	636	17,3
SO-ONE SWIVEL CHAIR MB UPH TS25 RTS LP11T/LP11TN ESH/ESHH	410–530	400–460	475	500	985–1185	490	630	575–645	—	—	—	710	—	644	18,1
SO-ONE SWIVEL CHAIR MB UPH LSD2 TS25 RTS LP11T/LP11TN ESH/ESHH	410–530	385–460	475	500	985–1185	490	630	575–645	—	—	—	710	—	644	18,4
SO-ONE SWIVEL CHAIR MB UPH ST44 RTS LP11T/LP11TN ESH/ESHH	410–530	400–460	475	500	985–1185	490	630	575–645	—	—	—	700	—	636	18,3
SO-ONE SWIVEL CHAIR MB UPH LSD2 ST44 RTS LP11T/LP11TN ESH/ESHH	410–530	385–460	475	500	985–1185	490	630	575–645	—	—	—	700	—	636	18,6
SO-ONE SWIVEL CHAIR HB UPH TS25 RTS LP11 ESH/ESHH	400–520	410	475	500	1140–1340	490	790	740–810	—	—	—	710	—	644	17,6
SO-ONE SWIVEL CHAIR HB UPH LSD2 TS25 RTS LP11 ESH/ESHH	400–520	395–410	475	500	1140–1340	490	790	740–810	—	—	—	710	—	644	17,9
SO-ONE SWIVEL CHAIR HB UPH ST44 RTS LP11 ESH/ESHH	400–520	410	475	500	1140–1340	490	790	740–810	—	—	—	700	—	636	17,8
SO-ONE SWIVEL CHAIR HB UPH LSD2 ST44 RTS LP11 ESH/ESHH	400–520	395–410	475	500	1140–1340	490	790	740–810	—	—	—	700	—	636	18,1
SO-ONE SWIVEL CHAIR HB UPH TS25 RTS LP11T/LP11TN ESH/ESHH	410–530	400–460	475	500	1140–1340	490	790	730–800	—	—	—	710	—	644	18,9
SO-ONE SWIVEL CHAIR HB UPH LSD2 TS25 RTS LP11T/LP11TN ESH/ESHH	410–530	385–460	475	500	1140–1340	490	790	730–800	—	—	—	710	—	644	19,2
SO-ONE SWIVEL CHAIR HB UPH ST44 RTS LP11T/LP11TN ESH/ESHH	410–530	400–460	475	500	1140–1340	490	790	730–800	—	—	—	700	—	636	19,1



Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
SO-ONE SWIVEL CHAIR HB UPH LSD2 ST44 RTS LP11T/LP11TN ESH/ESHH	410–530	385–460	475	500	1140–1340	490	790	730–800	—	—	—	700	—	636	19,4
SO-ONE SWIVEL CHAIR MB UPH HRUA TS25 RTS LP11 ESH/ESHH	400–520	410	475	500	985–1185	490	630	585–655	220–295	275	150	710	—	644	17,5
SO-ONE SWIVEL CHAIR MB UPH HRUA LSD2 TS25 RTS LP11 ESH/ESHH	400–520	395–410	475	500	985–1185	490	630	585–655	220–295	275	150	710	—	644	17,8
SO-ONE SWIVEL CHAIR MB UPH HRUA ST44 RTS LP11 ESH/ESHH	400–520	410	475	500	985–1185	490	630	585–655	220–295	275	150	700	—	636	17,7
SO-ONE SWIVEL CHAIR MB UPH HRUA LSD2 ST44 RTS LP11 ESH/ESHH	400–520	395–410	475	500	985–1185	490	630	585–655	220–295	275	150	700	—	636	18
SO-ONE SWIVEL CHAIR MB UPH HRUA TS25 RTS LP11T/LP11TN ESH/ESHH	410–530	400–460	475	500	985–1185	490	630	575–645	220–295	275	150	710	—	644	18,8
SO-ONE SWIVEL CHAIR MB UPH HRUA LSD2 TS25 RTS LP11T/LP11TN ESH/ESHH	410–530	385–460	475	500	985–1185	490	630	575–645	220–295	275	150	710	—	644	19,1
SO-ONE SWIVEL CHAIR MB UPH HRUA ST44 RTS LP11T/ LP11TN ESH/ESHH	410–530	400–460	475	500	985–1185	490	630	575–645	220–295	275	150	700	—	636	19
SO-ONE SWIVEL CHAIR MB UPH HRUA LSD2 ST44 RTS LP11T/LP11TN ESH/ESHH	410–530	385–460	475	500	985–1185	490	630	575–645	220–295	275	150	700	—	636	19,3

A – Seat height

B – Seat depth

C – Seat surface depth

D – Seat width

E – Overall height

F – Backrest width

G – Backrest length

H – Backrest height

J – Base diameter

K – Base width

L – Overall depth

I – Headrest height

M – Headrest width

N – Headrest height



Armrest	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
GTP57K2	230	225	80	460	620	1,25
R35K2-SB2	200–280	225	80	460–510	620–670	2,45
R35K3-SB2	220–300	230	90	450–500	630–580	2,64

Z – Armrest height

Y – Armrest length

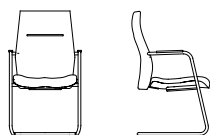
X – Armrest width

W – Internal width between armrests

V – External width between armrests

# Technical description

## 1.2. Conference frame chairs



SO-ONE FRAME CHAIR CFA UPH



Model	Dimensions (mm)												Weight (kg)
	A	A1	B	C	D	E	F	G	H	K	V	L	
SO-ONE FRAME CHAIR CFA UPH GBM	480	455	465	475	500	1005	490	595	685	575	585	630	12,8
SO-ONE FRAME CHAIR CFA UPH GBMF	485	460	465	475	500	1010	490	595	690	575	585	630	12,8

A – Seat height

A1 – Seat height according to standard EN 16139

B – Seat depth

C – Seat surface depth

D – Seat width

E – Overall height

F – Backrest width

G – Backrest length

H – Armrests height

K – Base width

V – Overall width

L – Overall depth

## 2. Materials/Versions

### 2.1. Base/Frame

#### 2.1.1. Office swivel chairs

Bases:

- Ø 710 mm five-star black polyamide (TS25),
- Ø 700 mm five-star polished aluminium with chrome effect (ST44-POL).

#### 2.1.2. Conference frame chairs

Cantilever frame made of steel tube  
Ø 22 × 2.5 mm.

Finish options:

- powder-coated in Jet black RAL 9005 colour, integrated armrests with frame with black polypropylene (PP) pads (E-BL/BL),
- powder-coated in Jet black RAL 9005 colour, integrated armrests with frame with plywood pads – stained or in natural beech colour (E-BL/①) – see finishes,
- chromium plated, integrated armrests with frame with black polypropylene (PP) pads (E-CR/BL),
- chromium plated, integrated armrests with frame with plywood pads – stained or in natural beech colour (E-CR/①) – see finishes.

Stacking up to 3 pieces.

### 2.2. Castors/Glides

#### 2.2.1. Office swivel chairs

Ø 65 mm black plastic self-braking castors for soft floors (ESH) as standard, or hard floors (ESHH) – as an option.

#### 2.2.2. Conference frame chairs

Frame without glides as standard. Mini-glides for soft floors (GBM), or hard floors (GBMF) – both as an option.

### 2.3. Mechanisms

**LP11 synchronous mechanism – functions:**

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 23 ° synchronized with the seat tilt angle of 11 °,
- seat and backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob placed on right side of the seat,
- seat depth adjustment 60 mm, multi-lock in 6 positions – as an option (LP11T),
- seat depth adjustment 60 mm, negative seat inclination of 3 °, synchronously tilting with the backrest at 6°, which guarantees optimal support for the user's back at each tilted position of the chair – as an option (LP11TN),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

### 2.4. Seat, backrest and headrest

#### 2.4.1. Office swivel chairs

**Seat**

Structure is made of 9-layer plywood, thickness 10.5 mm, covered with cut foam, thickness 50 mm, density 54 kg/m³.

**Backrest**

Structure is made of 8-layer plywood, thickness 12 mm, covered with cut foam, front part – thickness 30 mm, density 35 kg/m³, back part – thickness 10 mm, density 35 kg/m³.

**Lumbar support** (LSD2) – manual, with depth adjustment in range of 15 mm.

**Headrest**

**Adjustable headrest** (HRUA) – structure is made of glass fiber reinforced polyamide (PA + GF) covered with cut foam, thickness 10 mm, density 35 kg/m³. Tilt angle and height adjustment in range of 80 mm (not applicable to high backrest). In case of chair upholstered in fabric or leather imitation, seat and backrest side drops, and back of headrest available in Mafra fabric (MR). In case of chair upholstered in leather, all upholstered elements available only in leather.

#### 2.4.2. Conference frame chairs

**Seat**

Structure is made of 7-layer plywood, thickness 10.5 mm, covered with cut foam, thickness 50 mm, density 40 kg/m³.

**Backrest**

Structure is made of 8-layer plywood, thickness 12 mm, covered with cut foam, front part – thickness 40 mm, density 35 kg/m³, back part – thickness 10 mm, density 35 kg/m³.

In case of chair upholstered in fabric or leather imitation, seat and backrest side drops available in Mafra fabric (MR).

In case of chair upholstered in leather, all upholstered elements available only in leather.

## 3. Armrests

### 3.1. Office swivel chairs

**Fixed armrests** – made of glass fiber reinforced polyamide (PA + GF) with black soft polyurethane (PU) pads.

**2-D armrests** – made of steel and glass fiber reinforced polyamide (PA + GF) with black soft polyurethane (PU) pads. Adjustment range of the armrests: height adjustment 85 mm, side movement of the armrests 25 mm.

**4-D armrests** – made of steel and glass fiber reinforced polyamide (PA + GF) with black soft polyurethane (PU) pads. Adjustment range of the armrests: height adjustment 85 mm, side movement of the armrests 25 mm, forward/backward movement of the pad 50 mm, pad rotation  $\pm 25^\circ$ .

### 3.2. Conference frame chairs

Fixed armrests integrated with frame. Armrests pads are made of black polypropylene (PP) or 10-layer plywood, thickness 12 mm, stained or in natural beech colour – see finishes.

### 4. Packaging

Swivel chair without headrest: 1 piece per box (partially assembled, packed in L-shape box).

Swivel chair with headrest: 1 piece per box (fully assembled).

Conference frame chairs: 2 pieces per box (fully assembled).

### 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)

GS Safety Certificate.

Quality Office certified.

## 6. Sample order

### 6.1. Swivel chairs

Product line	Product subgroup	Version		C01	C06	C08	C09
SO-ONE	SWIVEL CHAIR	MB UPH	(	LP11TN	HRUA-SD-CSE20/MR01	LSD2	BA-SD-CSE20/MR01
C10	C11	C13	C14	C19			
SE-SD-CSE20/MR01	R35K3-SB2	ST44-POL	ESHH	PACK-ASM	)		

SO-ONE SWIVEL CHAIR MB UPH (LP11TN HRUA-SD-CSE20/MR01 LSD2 BA-SD-CSE20/MR01 SE-SD-CSE20/MR01 R35K3-SB2 ST44-POL ESHH PACK-ASM)

**C01** – Mechanism  
**C06** – Headrest – upholstery colour code (all elements upholstered in Mafra fabric in the same colour)  
**C08** – Lumbar support

**C09** – Backrest – upholstery colour code (all elements upholstered in Mafra fabric in the same colour)  
**C10** – Seat – upholstery colour code (all elements upholstered in Mafra fabric in the same colour)

**C11** – Armrests  
**C13** – Base  
**C14** – Castors  
**C19** – Packaging

**SO-ONE SWIVEL CHAIR MB UPH (LP11TN HRUA-SD-CSE20/MR01 LSD2 BA-SD-CSE20/MR01 SE-SD-CSE20/MR01 R35K3-SB2 ST44-POL ESHH PACK-ASM)** identifies the chair as:

**SO-ONE** office swivel chair (**SWIVEL CHAIR**), with upholstered low backrest (**MB UPH**), advanced Synchronous mechanism with seat depth adjustment and negative seat inclination (**LP11TN**), front part of headrest upholstered in Era CSE20 fabric and Mafra fabric in black colour at the back (**HRUA-SD-CSE20/MR01**), backrest with lumbar support and seat depth adjustment, upholstered in Era CSE20 fabric with side drops upholstered in black Mafra fabric (**LSD2 BA-SD-CSE20/MR01**), seat upholstered in Era CSE20 fabric with side drops upholstered in black Mafra fabric (**SE-SD-CSE20/MR01**), 4-D armrests with black pads (**R35K2-SB2**), standard gas lift, Ø 700 mm five-star polished aluminium base with chrome effect (**ST44-POL**), Ø 65 mm castors for hard floors (**ESHH**), fully assembled (**PACK-ASM**).

### 6.2. Conference chairs

Product line	Product subgroup	Version		C03	C09	C10	C14	C19	
SO-ONE	FRAME CHAIR	CFA UPH	(	E-BL/1.007	BA-SD-CSE20/MR01	SE-SD-CSE20/MR01	GBMF	PACK-ASM	)

SO-ONE FRAME CHAIR CFA UPH (E-BL/1.007 BA-SD-CSE20/MR01 SE-SD-CSE20/MR01 GBMF PACK-ASM)

**C03** – Frame and armrests pad – colour codes  
**C09** – Backrest – upholstery colour code (all mesh elements in the same colour)

**C10** – Seat – upholstery colour code (all mesh elements in the same colour)  
**C14** – Glides

**C19** – Packaging

**SO-ONE FRAME CHAIR CFA UPH (E-BL/1.007 BA-SD-CSE20/MR01 SE-SD-CSE20/MR01 GBMF PACK-ASM)** identifies the chair as:

**SO-ONE** conference frame chair (**FRAME CHAIR**), with upholstered, backrest on cantilever base (**CFA UPH**), stackable frame, powder-coated in Jet black RAL 9005 colour, with plywood armrest pads in natural beech colour (**E-BL/1.007**), fully upholstered backrest in Era CSE20 fabric with side drops upholstered in Mafra fabric in black colour (**BA-SD-CSE20/MR01**), fully upholstered seat in Era CSE20 fabric with side drops upholstered in Mafra fabric in black colour (**SE-SD-CSE20/MR01**), mini-glides for hard floors (**GBMF**), fully assembled (**PACK – ASM**).

Bjarg

# Technical description

## 1. Dimensions / Weight

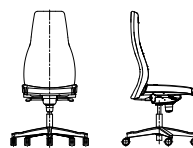
### 1.1. Swivel chairs



BJARG SWIVEL CHAIR  
LB UPH



BJARG SWIVEL CHAIR  
MB UPH



BJARG SWIVEL CHAIR  
HB UPH



Model	Dimensions (mm)														Weight (Kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
BJARG-HB TS25 RTS FS ESH60/ESH60	415-540	425	455	460	1115-1320	410	680	695-765	710	–	644	–	–	–	15,9
BJARG-HB TS25 RTS FST ESH60/ESH60	415-540	425-475	455	460	1115-1320	410	680	695-765	710	–	644	–	–	–	16,7
BJARG-HB TS25 RTS EAST ESH60/ESH60	420-545	415-475	455	460	1125-1330	410	680	680-750	710	–	644	–	–	–	16,7
BJARG-HB TS25 RTS ER/ERN ESH60/ESH60	400-525	415	455	460	1125-1330	410	680	695-765	710	–	644	–	–	–	15,2
BJARG-HB TS25 RTS ERT/ERTN ESH60/ESH60	420-545	415-475	455	460	1125-1330	410	680	680-750	710	–	644	–	–	–	16,7
BJARG-HB TS25 RTS SYNCROIBRA TR ESH60/ESH60	405-530	415-465	455	460	1110-1325	410	680	685-765	710	–	644	–	–	–	18,3
BJARG-MB TS25 RTS FS ESH60/ESH60	415-540	425	455	460	955-1160	410	520	545-615	710	–	644	–	–	–	15,3
BJARG-MB TS25 RTS FST ESH60/ESH60	415-540	425-475	455	460	955-1160	410	520	545-615	710	–	644	–	–	–	16,1
BJARG-MB TS25 RTS EAST ESH60/ESH60	420-545	415-475	455	460	965-1170	410	520	530-600	710	–	644	–	–	–	16,1
BJARG-MB TS25 RTS ER/ERN ESH60/ESH60	400-525	415	455	460	965-1170	410	520	545-615	710	–	644	–	–	–	14,6
BJARG-MB TS25 RTS SYNCROIBRA TR ESH60/ESH60	405-530	415-465	455	460	950-1165	410	520	525-605	710	–	644	–	–	–	17,6
BJARG-LB TS25 RTS FS ESH60/ESH60	415-540	425	455	460	855-1060	410	420	445-515	710	–	644	–	–	–	15
BJARG-LB TS25 RTS FST ESH60/ESH60	415-540	425-475	455	460	855-1060	410	420	445-515	710	–	644	–	–	–	15,8
BJARG-LB TS25 RTS EAST ESH60/ESH60	420-545	415-475	455	460	865-1070	410	420	430-500	710	–	644	–	–	–	15,8
BJARG-LB TS25 RTS ER/ERN ESH60/ESH60	400-525	415	455	460	865-1070	410	420	445-515	710	–	644	–	–	–	14,3
BJARG-LB TS34 RTS ERT/ERTN ESH60/ESH60	420-545	415-475	455	460	865-1070	410	420	430-500	710	–	644	–	–	–	15,8
BJARG-LB TS25 RTS SYNCROIBRA TR ESH60/ESH60	405-530	415-465	455	460	850-1065	410	420	425-505	710	–	644	–	–	–	17,4
BJARG-HB TS34 RTS FS ESH60/ESH60	410-535	425	455	460	1110-1315	410	680	695-765	711	–	644	–	–	–	15,9
BJARG-HB TS34 RTS FST ESH60/ESH60	410-535	425-475	455	460	1110-1315	410	680	695-765	711	–	644	–	–	–	16,7
BJARG-HB TS34 RTS EAST ESH60/ESH60	415-540	415-475	455	460	1120-1325	410	680	680-750	711	–	644	–	–	–	16,7
BJARG-HB TS34 RTS ER/ERN ESH60/ESH60	395-520	415	455	460	1120-1325	410	680	695-765	711	–	644	–	–	–	15,2



Model	Dimensions (mm)														Weight (Kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
BJARG-HB TS34 RTS ERT/ERTN ESH60/ESHH60	415-540	415-475	455	460	1120-1325	410	680	680-750	711	–	644	–	–	–	16,7
BJARG-HB TS34 RTS SYNCROIBRA TR ESH60/ESHH60	400-525	415-465	455	460	1105-1320	410	680	685-765	711	–	644	–	–	–	18,3
BJARG-MB TS34 RTS FS ESH60/ESHH60	410-535	425	455	460	950-1155	410	520	545-615	711	–	644	–	–	–	15,3
BJARG-MB TS34 RTS FST ESH60/ESHH60	410-535	425-475	455	460	950-1155	410	520	545-615	711	–	644	–	–	–	16,1
BJARG-MB TS34 RTS EAST ESH60/ESHH60	415-540	415-475	455	460	960-1165	410	520	530-600	711	–	644	–	–	–	16,1
BJARG-MB TS34 RTS ER/ERN ESH60/ESHH60	395-520	415	455	460	960-1165	410	520	545-615	711	–	644	–	–	–	14,6
BJARG-MB TS34 RTS SYNCROIBRA TR ESH60/ESHH60	400-525	415-465	455	460	945-1160	410	520	525-605	711	–	644	–	–	–	17,6
BJARG-LB TS34 RTS FS ESH60/ESHH60	410-535	425	455	460	850-1055	410	420	445-515	711	–	644	–	–	–	15
BJARG-LB TS34 RTS FST ESH60/ESHH60	410-535	425-475	455	460	850-1055	410	420	445-515	711	–	644	–	–	–	15,8
BJARG-LB TS34 RTS EAST ESH60/ESHH60	415-540	415-475	455	460	860-1065	410	420	430-500	711	–	644	–	–	–	15,8
BJARG-LB TS34 RTS ER/ERN ESH60/ESHH60	395-520	415	455	460	860-1065	410	420	445-515	711	–	644	–	–	–	14,3
BJARG-LB TS34 RTS ERT/ERTN ESH60/ESHH60	415-540	415-475	455	460	860-1065	410	420	430-500	711	–	644	–	–	–	15,8
BJARG-LB TS34 RTS SYNCROIBRA TR ESH60/ESHH60	400-525	415-465	455	460	845-1060	410	420	425-505	711	–	644	–	–	–	17,4
BJARG-HB ST44 RTS FS ESH60/ESHH60	415-540	425	455	460	1115-1320	410	680	695-765	700	–	636	–	–	–	16,1
BJARG-HB ST44 RTS FST ESH60/ESHH60	415-540	425-475	455	460	1115-1320	410	680	695-765	700	–	636	–	–	–	16,9
BJARG-HB ST44 RTS EAST ESH60/ESHH60	420-545	415-475	455	460	1125-1330	410	680	680-750	700	–	636	–	–	–	16,9
BJARG-HB ST44 RTS ER/ERN ESH60/ESHH60	400-525	415	455	460	1125-1330	410	680	695-765	700	–	636	–	–	–	15,4
BJARG-HB ST44 RTS ERT/ERTN ESH60/ESHH60	420-545	415-475	455	460	1125-1330	410	680	680-750	700	–	636	–	–	–	16,9
BJARG-HB ST44 RTS SYNCROIBRA TR ESH60/ESHH60	405-530	415-465	455	460	1110-1325	410	680	685-765	700	–	636	–	–	–	18,5
BJARG-MB ST44 RTS FS ESH60/ESHH60	415-540	425	455	460	955-1160	410	520	545-615	700	–	636	–	–	–	15,5
BJARG-MB ST44 RTS FST ESH60/ESHH60	415-540	425-475	455	460	955-1160	410	520	545-615	700	–	636	–	–	–	16,3
BJARG-MB ST44 RTS EAST ESH60/ESHH60	420-545	415-475	455	460	965-1170	410	520	530-600	700	–	636	–	–	–	16,3
BJARG-MB ST44 RTS ER/ERN ESH60/ESHH60	400-525	415	455	460	965-1170	410	520	545-615	700	–	636	–	–	–	14,8
BJARG-MB ST44 RTS ERT/ERTN ESH60/ESHH60	420-545	415-475	455	460	965-1170	410	520	530-600	700	–	636	–	–	–	16,3
BJARG-MB ST44 RTS SYNCROIBRA TR ESH60/ESHH60	405-530	415-465	455	460	950-1165	410	520	525-605	700	–	636	–	–	–	17,8
BJARG-LB ST44 RTS FS ESH60/ESHH60	415-540	425	455	460	855-1060	410	420	445-515	700	–	636	–	–	–	15,2
BJARG-LB ST44 RTS FST ESH60/ESHH60	415-540	425-475	455	460	855-1060	410	420	445-515	700	–	636	–	–	–	16
BJARG-LB ST44 RTS EAST ESH60/ESHH60	420-545	415-475	455	460	865-1070	410	420	430-500	700	–	636	–	–	–	16

# Technical description

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Model	Dimensions (mm)														Weight (Kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
BJARG-LB ST44 RTS ER/ERN ESH60/ESHH60	400-525	415	455	460	865-1070	410	420	445-515	700	–	636	–	–	–	14,5
BJARG-LB ST44 RTS ERT/ERTN ESH60/ESHH60	420-545	415-475	455	460	865-1070	410	420	430-500	700	–	636	–	–	–	16
BJARG-LB ST44 RTS SYNCROIBRA TR ESH60/ESHH60	405-530	415-465	455	460	850-1065	410	420	425-505	700	–	636	–	–	–	17,6
BJARG-HB ST61 RTS FS ESH60/ESHH60	410-535	425	455	460	1110-1315	410	680	695-765	711	–	644	–	–	–	16,2
BJARG-HB ST61 RTS FST ESH60/ESHH60	410-535	425-475	455	460	1110-1315	410	680	695-765	711	–	644	–	–	–	17
BJARG-HB ST61 RTS EAST ESH60/ESHH60	415-540	415-475	455	460	1120-1325	410	680	680-750	711	–	644	–	–	–	17
BJARG-HB ST61 RTS ER/ERN ESH60/ESHH60	395-520	415	455	460	1120-1325	410	680	695-765	711	–	644	–	–	–	15,5
BJARG-HB ST61 RTS ERT/ERTN ESH60/ESHH60	415-540	415-475	455	460	1120-1325	410	680	680-750	711	–	644	–	–	–	17
BJARG-HB ST61 RTS SYNCROIBRA TR ESH60/ESHH60	400-525	415-465	455	460	1105-1320	410	680	685-765	711	–	644	–	–	–	18,6
BJARG-MB ST61 RTS FS ESH60/ESHH60	410-535	425	455	460	950-1155	410	520	545-615	711	–	644	–	–	–	15,6
BJARG-MB ST61 RTS FST ESH60/ESHH60	410-535	425-475	455	460	950-1155	410	520	545-615	711	–	644	–	–	–	16,4
BJARG-MB ST61 RTS EAST ESH60/ESHH60	415-540	415-475	455	460	960-1165	410	520	530-600	711	–	644	–	–	–	16,4
BJARG-MB ST61 RTS ER/ERN ESH60/ESHH60	395-520	415	455	460	960-1165	410	520	545-615	711	–	644	–	–	–	14,9
BJARG-MB ST61 RTS ERT/ERTN ESH60/ESHH60	415-540	415-475	455	460	960-1165	410	520	530-600	711	–	644	–	–	–	16,4
BJARG-MB ST61 RTS SYNCROIBRA TR ESH60/ESHH60	400-525	415-465	455	460	945-1160	410	520	525-605	711	–	644	–	–	–	17,9
BJARG-LB ST61 RTS FS ESH60/ESHH60	410-535	425	455	460	850-1055	410	420	445-515	711	–	644	–	–	–	15,3
BJARG-LB ST61 RTS FST ESH60/ESHH60	410-535	425-475	455	460	850-1055	410	420	445-515	711	–	644	–	–	–	16,1
BJARG-LB ST61 RTS EAST ESH60/ESHH60	415-540	415-475	455	460	860-1065	410	420	430-500	711	–	644	–	–	–	16,1
BJARG-LB ST61 RTS ER/ERN ESH60/ESHH60	395-520	415	455	460	860-1065	410	420	445-515	711	–	644	–	–	–	14,6
BJARG-LB ST61 RTS ERT/ERTN ESH60/ESHH60	415-540	415-475	455	460	860-1065	410	420	430-500	711	–	644	–	–	–	16,1
BJARG-LB ST61 RTS SYNCROIBRA TR ESH60/ESHH60	400-525	415-465	455	460	845-1060	410	420	425-505	711	–	644	–	–	–	17,9
HEADREST HRUA	–	–	–	–	–	–	–	–	–	–	–	110-210	220	145	0,9

**A** – Seat height  
**B** – Seat depth  
**C** – Seat surface depth  
**D** – Seat width  
**E** – Overall height

**F** – Backrest width  
**G** – Backrest length  
**H** – Backrest height  
**J** – Base diameter  
**K** – Base width

**L** – Overall depth  
**I** – Headrest height  
**M** – Headrest width  
**N** – Headrest height





Model	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
R35K2	200-280	225	80	490	650	1,6
R35K3	220-300	230	90	480	660	1,8
R35K2-SB2 (NOT AVAILABLE FOR VERSION EAST)	190-270	225	80	460-510	620-670	2,45
R35K3-SB2 (NOT AVAILABLE FOR VERSION EAST)	210-290	230	90	450-500	630-680	2,65

Z – Armrest height  
Y – Armrest length

X – Armrest width  
W – Internal width between armrests

V – External width between armrests

## 2. Materials/Versions

### 2.1. Base

Bases:

- Ø 710 mm five-star black polyamide (TS25),
- Ø 711 mm five-star black polyamide (TS34),
- Ø 700 mm five-star polished aluminium with chrome effect (ST44-POL),
- Ø 711 mm five-star polished aluminium with chrome effect and partially powder-coated in black colour underneath (ST61-POL/BL).

### 2.2. Castors

Ø 60 mm black plastic self-braking castors for soft floors (ESH60) as standard, or hard floors (ESHH60) as an option.

### 2.3. Mechanisms

FS Synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 20° synchronized with the seat tilt angle of 11°,
- backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob,
- seat depth adjustment 50 mm – as an option (FST),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

ER Advanced Synchronous mechanism

– functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 23° synchronized with the seat tilt angle of 10°,
- backrest multi-lock in 5 positions,
- backrest tilt force adjustment in 7 positions with a knob placed on the right side of seat,
- seat depth adjustment 60 mm, multi-lock in 6 positions – as an option (ERT),
- negative seat inclination of – 2°, synchronously tilting with the backrest at 5°, which guarantees optimal support for the user's back at each tilted position of the chair – as an option (ERTN),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

SYNCROIBRA TR Asynchronous mechanism

– functions:

- free-floating – backrest tilt,
- backrest and seat independent lock,
- backrest tilt angle in range of – 10° up to + 20°,
- seat tilt angle in range of – 3° up to + 10°,
- UP&DOWN backrest height adjustment,
- backrest tilt force adjustment with a knob,
- seat depth adjustment 50 mm,
- smooth height adjustment of chair with pneumatic gas lift.

EAST Advanced Asynchronous mechanism

– functions:

- free-floating – backrest tilt,
- backrest tilt angle in range of – 10° up to + 25°,
- seat tilt angle in range of – 5° up to + 5°,
- seat depth adjustment 60 mm,
- backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a crank placed under the seat,
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

### 2.4. Seat, backrest, headrest

#### Seat

Structure is made of 7-layer plywood, thickness 10,5 mm, covered with cut foam, thickness 55 mm, density 40 kg/m³.

#### Backrest

As standard, each backrest is height adjustable in range of 70 mm, 13 lock positions.

High upholstered backrest (HB UPH) – structure is made of 8-layer plywood, thickness 12 mm, covered with cut foam, thickness 40 mm in front part, 10 mm at back part, density 35 kg/m³.

Medium upholstered backrest (MB UPH) – structure is made of 8-layer plywood, thickness 12 mm, covered with cut foam, thickness 40 mm in front part, 10 mm at back part, density 35 kg/m³.

Low upholstered backrest (LB UPH) – structure is made of 8-layer plywood, thickness 12 mm, covered with cut foam, thickness 40 mm in front part, 10 mm at back part, density 35 kg/m³.

Backrest connector – made of flat steel bar, thickness 6 mm.

Manual lumbar support (LSD2) – integrated with upholstered backrest, with depth adjustment by knob in range of 20 mm – Schukra mechanism.

### Headrest

Adjustable, upholstered headrest (HRUA) –

structure is made of polystyrene (PS), covered with cut foam, thickness 20 mm, density 40 kg/m³, fully upholstered. Tilt angle and height adjustment in range of 100 mm.

Upholstery type and colour is the same for each upholstered element, except for headrest which can be upholstered in all leather or leather imitation available colours.

### 3. Armrests

Height adjustable armrests – made of black or black glass fiber reinforced polyamide (PA + GF), with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 85 mm.

2-D armrests (not applicable for EAST mechanism) – made of steel and black glass fiber reinforced polyamide (PA + GF), with black soft polyurethane (PU) pads.

Adjustment range of the armrests: height 85 mm, side movement of the armrests 25 mm.

3-D armrests – made of black glass fiber reinforced polyamide (PA + GF), with black soft polyurethane (PU) pads.

Adjustment range of the armrests: height 85 mm, forward/backward movement of the pad 50 mm, pad rotation ± 25°.

4-D armrests (not applicable for EAST mechanism) – made of steel and black glass fiber reinforced polyamide (PA + GF), with black soft polyurethane (PU) pads.

Adjustment range of the armrests: height 85 mm, side movement of the armrests 25 mm, forward/backward movement of the pad 50 mm, pad rotation ± 25°.

### 4. Packaging

Chair unassembled – 1 piece per box, 10 pieces on pallet – as standard.

Chair partially assembled – 1 piece per L-shape box, 5 pieces on pallet – as an option.

The cardboard contains 3 separate elements:

- assembled seat with the mechanism, backrest and armrests,
- base with assembled castors,
- gas lift.

### 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations) (pending)

Approval compliant with: EN 1335.

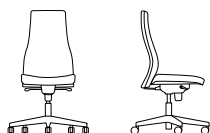
Product fulfils the FSC®(FSC-C120977) requirements.

Viden

# Technical description


**NowyStyl**

## 1. Dimensions/Weight


**VIDEN SWIVEL CHAIR HB UPH**

**VIDEN SWIVEL CHAIR LB UPH**


Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
VIDEN-LB-PW TS25 RTS FS ESH/ESHH	410-530	440	480	460	865-1065	425	480	465-535	710	—	644	—	—	—	16,4
VIDEN-LB-PW ST44 RTS FS ESH/ESHH	410-530	440	480	460	865-1065	425	480	465-535	700	—	636	—	—	—	16,6
VIDEN-LB-PW TS25 RTS FST ESH/ESHH	410-530	440-490	480	460	865-1065	425	480	465-535	710	—	644	—	—	—	17,2
VIDEN-LB-PW ST44 RTS FST ESH/ESHH	410-530	440-490	480	460	865-1065	425	480	465-535	700	—	636	—	—	—	17,4
VIDEN-HB-PW TS25 RTS FS ESH/ESHH	410-530	440	480	460	1065-1265	425	680	665-735	710	—	644	—	—	—	17
VIDEN-HB-PW ST44 RTS FS ESH/ESHH	410-530	440	480	460	1065-1265	425	680	665-735	700	—	636	—	—	—	17,2
VIDEN-HB-PW TS25 RTS FST ESH/ESHH	410-530	440-490	480	460	1065-1265	425	680	665-735	710	—	644	—	—	—	17,8
VIDEN-HB-PW ST44 RTS FST ESH/ESHH	410-530	440-490	480	460	1065-1265	425	680	665-735	700	—	636	—	—	—	18
VIDEN-HB-HRUA-PW TS25 RTS FS ESH/ESHH	410-530	440	480	460	1065-1265	425	680	665-735	710	—	644	105-180	225	130	17,9
VIDEN-HB-HRUA-PW ST44 RTS FS ESH/ESHH	410-530	440	480	460	1065-1265	425	680	665-735	700	—	636	105-180	225	130	18,1
VIDEN-HB-HRUA-PW TS25 RTS FST ESH/ESHH	410-530	440-490	480	460	1065-1265	425	680	665-735	710	—	644	105-180	225	130	18,7
VIDEN-HB-HRUA-PW ST44 RTS FST ESH/ESHH	410-530	440-490	480	460	1065-1265	425	680	665-735	700	—	636	105-180	225	130	18,9
VIDEN-LB-PW TS25 RTS LP11 ESH/ESHH	410-530	430	480	460	865-1065	425	480	465-535	710	—	644	—	—	—	16,7
VIDEN-LB-PW ST44 RTS LP11 ESH/ESHH	410-530	430	480	460	865-1065	425	480	465-535	700	—	636	—	—	—	16,9
VIDEN-LB-PW TS25 RTS LP11T/LP11TN ESH/ESHH	410-530	430-490	480	460	865-1065	425	480	465-535	710	—	644	—	—	—	18
VIDEN-LB-PW ST44 RTS LP11T/LP11TN ESH/ESHH	410-530	430-490	480	460	865-1065	425	480	465-535	700	—	636	—	—	—	18,2
VIDEN-HB-PW TS25 RTS LP11 ESH/ESHH	410-530	430	480	460	1065-1265	425	680	665-735	710	—	644	—	—	—	17,3
VIDEN-HB-PW ST44 RTS LP11 ESH/ESHH	410-530	430	480	460	1065-1265	425	680	665-735	700	—	636	—	—	—	17,5
VIDEN-HB-PW TS25 RTS LP11T/LP11TN ESH/ESHH	410-530	430-490	480	460	1065-1265	425	680	665-735	710	—	644	—	—	—	18,6
VIDEN-HB-PW ST44 RTS LP11T/LP11TN ESH/ESHH	410-530	430-490	480	460	1065-1265	425	680	665-735	700	—	636	—	—	—	18,8



Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
VIDEN-HB-HRUA-PW TS25 RTS LP11 ESH/ESHH	410–530	430	480	460	1065–1265	425	680	665–735	710	—	644	105–180	225	130	18,2
VIDEN-HB-HRUA-PW ST44 RTS LP11 ESH/ESHH	410–530	430	480	460	1065–1265	425	680	665–735	700	—	636	105–180	225	130	18,4
VIDEN-HB-HRUA-PW TS25 RTS LP11T/LP11TN ESH/ESHH	410–530	430–490	480	460	1065–1265	425	680	665–735	710	—	644	105–180	225	130	19,5
VIDEN-HB-HRUA-PW ST44 RTS LP11T/LP11TN ESH/ESHH	410–530	430–490	480	460	1065–1265	425	680	665–735	700	—	636	105–180	225	130	19,7

A – Seat height

B – Seat depth

C – Seat surface depth

D – Seat width

E – Overall height

F – Backrest width

G – Backrest length

H – Backrest height

J – Base diameter


K – Base width

L – Overall depth

I – Headrest height

M – Headrest width

N – Headrest height



Armrest	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
R41	230–310	255	103	450–510	655–715	1,9
R42U1-SB2	225–305	240	90	480–530	660–710	1,9
R42U3-SB2	225–305	240	100	470–520	670–720	1,9

Z – Armrest height

Y – Armrest length

X – Armrest width

W – Internal width between armrests

V – External width between armrests

## 2. Materials / Versions

### 2.1. Base

#### Bases:

- Ø 710 mm five-star black polyamide (TS25),
- Ø 700 mm five-star polished aluminium with chrome effect (ST44-POL).

### 2.2. Castors

Ø 65 mm black plastic self-braking castors for soft floors (ESH) as standard, or hard floors (ESHH) as an option.

### 2.3. Mechanisms

#### FS Synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 20° synchronised with the seat tilt angle of 11°,
- backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob,
- seat depth adjustment 50 mm – as an option (FST),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

#### LP11 Synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 23° synchronised with the seat tilt angle of 11°,
- backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob placed on the right side of seat,
- seat depth adjustment 60 mm, multi-lock in 6 positions – as an option (LP11T),
- negative seat inclination of – 3°, synchronously tilting with the backrest at 6°, which guarantees optimal support for the user's back at each tilted position of the chair – as an option (LP11TN),

- Anti-Shock – a feature that controls the backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

### 2.4. Seat, backrest and headrest

#### Seat

Structure is made of 7-layer plywood, thickness 10.5 mm, covered with injected foam, thickness 52–71 mm, density 52 kg/m³.

AirCare system (AIC) – based on ergonomic technology of seat which dynamically adjusts to user's body movements.

It consists of air chambers that ensure biodynamic seat and support user's spine.

#### Backrest

As standard, each backrest is height adjustable in range of 70 mm, 13 lock positions.

High upholstered backrest (HB UPH) – structure is made of 8-layer plywood, thickness 12 mm, covered with injected foam, thickness ≈ 35 mm, density 60 kg/m³.

Low upholstered backrest (LB UPH) – structure is made of 8-layer plywood, thickness 12 mm, covered with injected foam, thickness ≈ 35 mm, density 70 kg/m³.

Backrest connector – made of flat steel bar, thickness 8 mm.

Manual lumbar support (LSD2) – integrated with upholstered backrest, with depth adjustment by knob in range of 20 mm – Schukra mechanism.

#### Headrest

Upholstered headrest (HRUA) – structure is made of polystyrene (PS), covered with cut foam, thickness 15 mm, density 40 kg/m³, fully upholstered. Tilt angle and height adjustment in range of 75 mm.

## 3. Armrests

2-D armrests – made of black polyamide (PA) with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 80 mm, side movement of the armrests ± 25 mm.

3-D armrests – made of black polyamide (PA) with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 80 mm, side movement of pads ± 15 mm, forward/backward movement of the pad ± 25 mm.

4-D armrests – made of black polyamide (PA) with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 80 mm, side movement of the armrests ± 25 mm, forward/backward movement of the pad ± 20 mm, pad rotation ± 30°.

## 4. Packaging

Chair unassembled, 1 piece per box, 10 pieces on pallet – as standard (not applicable to the version with R42U1-SB2 and R42U3-SB2 armrests).

Chair partially assembled, 1 piece per L-shape box, 5 pieces on pallet – as an option.

The cardboard contains 3 separate elements:

- assembled seat with the mechanism, backrest and armrests,
- base with assembled castors,
- gas lift.

## 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)

GS safety certificate.

Viden PRO

# Technical description

**NowyStyl**

## 1. Dimensions/Weight



VIDEN SWIVEL CHAIR HB UPH PRO



VIDEN SWIVEL CHAIR LB UPH PRO



Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
VIDEN-PRO-LB-PW TS34 RTS LP11/LP11N-ST ESH/ ESHH	415-535	415-495	480	460	850-1050	425	480	425-495	711	—	644	—	—	—	15,9
VIDEN-PRO-LB-PW ST61 RTS LP11/LP11N-ST ESH/ ESHH	415-535	415-495	480	460	850-1050	425	480	425-495	711	—	644	—	—	—	16,1
VIDEN-PRO-HB-PW TS34 RTS LP11/LP11N-ST ESH/ ESHH	415-535	415-495	480	460	1050-1250	425	680	625-695	711	—	644	—	—	—	16,5
VIDEN-PRO-HB-PW ST61 RTS LP11/LP11N-ST ESH/ ESHH	415-535	415-495	480	460	1050-1250	425	680	625-695	711	—	644	—	—	—	16,7
VIDEN-PRO-HB-HRUA- PW TS34 RTS LP11/ LP11N-ST ESH/ESHH	415-535	415-495	480	460	1050-1250	425	680	625-695	711	—	644	105-180	225	130	17,4
VIDEN-PRO-HB-HRUA- PW ST61 RTS LP11/ LP11N-ST ESH/ESHH	415-535	415-495	480	460	1050-1250	425	680	625-695	711	—	644	105-180	225	130	17,6

**A** – Seat height  
**B** – Seat depth  
**C** – Seat surface depth  
**D** – Seat width  
**E** – Overall height

**F** – Backrest width  
**G** – Backrest length  
**H** – Backrest height  
**J** – Base diameter  
**K** – Base width

**L** – Overall depth  
**I** – Headrest height  
**M** – Headrest width  
**N** – Headrest height



Armrest	Dimensions (mm)					Weight [kg]
	Z	Y	X	W	V	
R60	195-295	250	97	455-530	650-725	2,9
R61	195-295	250	97	455-530	650-725	2,9
R62	195-295	250	97	455-530	650-725	3,2
R63	195-295	250	97	455-530	650-725	3,2

**Z** – Armrest height  
**Y** – Armrest length

**X** – Armrest width  
**W** – Internal width between armrests

**V** – External width between armrests



## 2. Materials / Versions

### 2.1. Base

#### Bases:

- Ø 711 mm five-star black polyamide (TS34),
- Ø 711 mm five-star polished aluminium with chrome effect and partially powder-coated in Jet black RAL 9005 colour underneath (ST61-POL/BL).

### 2.2. Castors

Ø 65 mm black plastic self-braking castors for soft floors (ESH) as standard, or hard floors (ESHH) as an option.

### 2.3. Mechanisms

#### LP11-ST synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 22° synchronised with the seat tilt angle of 11°,
- backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob placed on right side of the seat,
- seat depth adjustment 80 mm – function integrated with seat,
- negative seat inclination of – 3°, synchronously tilting with the backrest at 6°, which guarantees optimal support for the user's back at each tilted position of the chair – as an option (LP11N-ST),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

## 2.4. Seat, backrest and headrest

### Seat

Structure is made of polypropylene (PP) covered with injected foam, thickness 59 mm, density 55–60 kg/m³.

AirCare system (AIC) – based on ergonomic technology of seat which dynamically adjusts to user's body movements.

It consists of air chambers that ensure biodynamic seat and support user's spine.

### Backrest

As standard, each backrest is height adjustable in range of 70 mm, 13 lock positions.

High backrest (HB UPH) – structure is made of 8-layer plywood, thickness 12 mm, covered with injected foam, thickness ≈35 mm, density 60 kg/m³.

Low backrest (LB UPH) – structure is made of 8-layer plywood, thickness 12 mm, covered with injected foam, thickness ≈35 mm, density 70 kg/m³.

Backrest connector – made of flat steel bar, thickness 8 mm.

Manual lumbar support (LSD2) – integrated with upholstered backrest, with depth adjustment by knob in range of 20 mm – Schukra mechanism.

### Headrest

Upholstered headrest (HRUA) – structure is made of polystyrene (PS), covered with cut foam, thickness 15 mm, density 40 kg/m³, fully upholstered. Tilt angle and height adjustment in range of 75 mm.

## 3. Armrests

2-D armrests – made of black polyamide (PA) with black soft polyurethane (PU) pads.

Armrest bar is made of black plastic or polished aluminium with chrome effect. Adjustment range of the armrests: height adjustment 100 mm, side movement of the armrests 37.5 mm to one side.

4-D armrests – made of black polyamide (PA) with black soft polyurethane (PU) pads. Armrest bar is made of black plastic or polished aluminium with chrome effect. Adjustment range of the armrests: height adjustment 100 mm, side movement of the armrests 37.5 mm to one side, forward/backward movement of the pad ± 30 mm, pad rotation ± 30°.

## 4. Packaging

Chair partially assembled (PACK-L) – 1 piece per L-shape box, 5 pieces on pallet – as standard.

The cardboard contains 3 separate elements:

- assembled seat with mechanism, backrest and armrests,
- base with assembled castors,
- gas lift.

## 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)

GS safety certificate.

Möbelfakt certificate (pending).

## 6. Sample order

### 6.1. Swivel chairs

Product line	Product subgroup	Version		C01	C06	C08	C09
VIDEN	SWIVEL CHAIR	HB UPH PRO	(	LP11-ST	HRUA-CSE20	LSD2	BA-CSE20
C10	C11	C13	C14	C16	C19		
SE-CSE20	R60-B/B/BPU	TS34	ESH	FOAM-I	PACK-L	)	

VIDEN SWIVEL CHAIR HB UPH PRO (LP11-ST HRUA-CSE20 LSD2 BA-CSE20 SE-CSE20 R60-B/B/BPU TS34 ESH FOAM-I PACK-L)

**C01** – Mechanism  
**C06** – Headrest – upholstery colour code  
**C08** – Lumbar support  
**C09** – Backrest – upholstery colour code

**C10** – Seat – upholstery colour code  
**C11** – Armrest  
**C13** – Base

**C14** – Castors  
**C16** – Foam type (seat and backrest)  
**C19** – Packaging

**VIDEN SWIVEL CHAIR HB UPH PRO (LP11-ST HRUA-CSE20 LSD2 BA-CSE20 SE-CSE20 R60-B/B/BPU TS34 ESH FOAM-I PACK-L)**

identifies the chair as:

**VIDEN** office swivel chair (**SWIVEL CHAIR**), with high upholstered backrest (**HB UPH PRO**), Advanced Synchro mechanism with seat depth adjustment – function integrated with seat (**LP11-ST**), headrest with height and tilt angle adjustment, upholstered in Era CSE20 fabric (**HRUA-CSE20**), lumbar support with depth adjustment (**LSD2**), backrest upholstered in Era CSE20 fabric (**BA-CSE20**) and seat upholstered in Era CSE20 fabric (**SE-CSE20**), 2-D armrests (**R60-B/B/BPU**), Ø 711 mm five-star black polyamide base (**TS34**), Ø 65 mm castors for soft floors (**ESH**), injected foam (**FOAM-I**), partially assembled (**PACK-L**).

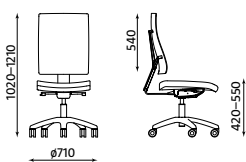
As standard, the upholstery type and colour are the same for each upholstered element, with exception of headrest which can be upholstered in all KN, VL and leather available colours – [see finishes](#).

4ME/2ME

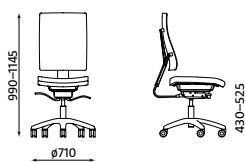
# Technical description

**NowyStyl**

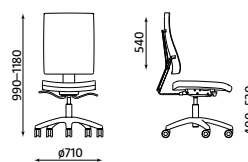
## 1. Dimensions/Weight



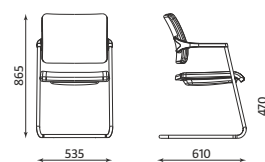
**4ME-BL-SOFT-SEAT-ESP**  
weight: 17.5 kg



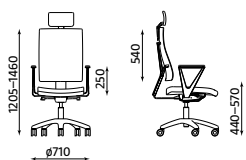
**4ME-BL-SOFT-SEAT-SFB1.SMV**  
weight: 20.2 kg



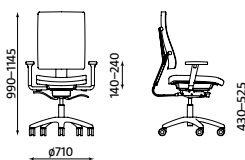
**4ME-BL-SOFT-SEAT-SFB1**  
weight: 17.5 kg



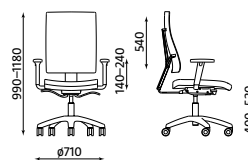
**2ME-CFP**  
weight: 10.4 kg



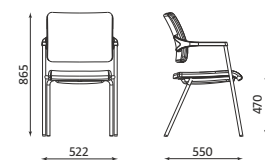
**4ME-BL-SOFT-SEAT-HRUA-TS25-GTP56-ESPT**  
weight: 20.25 kg



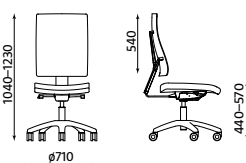
**4ME-BL-SOFT-SEAT-R33-SFT1.SMV**  
weight: 22.4 kg



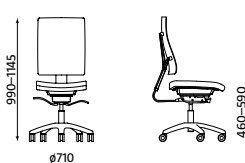
**4ME-BL-SOFT-SEAT-R33-SFT1**  
weight: 17.3 kg



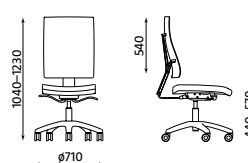
**2ME-4L**  
weight: 8.2 kg



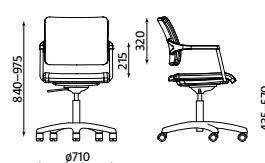
**4ME-BL-SOFT-SEAT-ESP-RGL44.57**  
weight: 17.5 kg



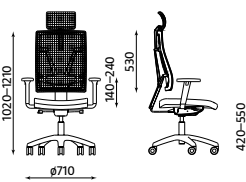
**4ME-BL-SOFT-SEAT-SFB1.SMV-RGL46.59**  
weight: 20.2 kg



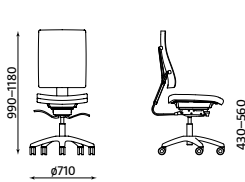
**4ME-BL-SOFT-SEAT-SFB1-RGL44.57**  
weight: 17.5 kg



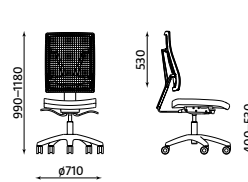
**2ME-BL TS25 ARM-BL**  
weight: 12.8 kg



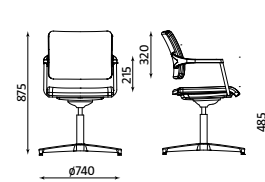
**4ME-BL-SOFT-SEAT-MESH-HRMA-TS25-R31-ESP**  
weight: 21 kg



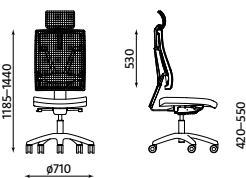
**4ME-BL-SOFT-SEAT-SFB1.SMV-RGL43.56**  
weight: 20.2 kg



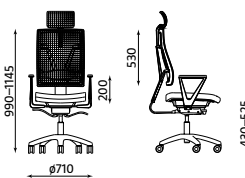
**4ME-BL-SOFT-SEAT-MESH-SFB1**  
weight: 16 kg



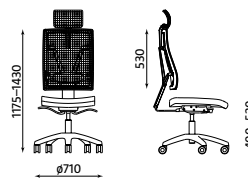
**2ME-BL ST53-POL ARM-CR**  
weight: 12.6 kg



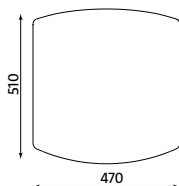
**4ME-BL-SOFT-SEAT-MESH-HRMA-TS25-RTS-ESP**  
weight: 18.6 kg



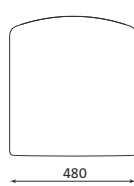
**4ME-BL-SOFT-SEAT-MESH-HRMA-TS25-GTP56-SFB1.SMV**  
weight: 20.8 kg



**4ME-BL-SOFT-SEAT-MESH-HRMA-SFB1**  
weight: 18.6 kg



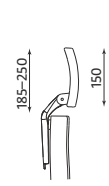
**SEAT - SWIVEL VERSION**



**SEAT - 2ME CFP/2ME 4L**



**SEAT 2ME S 4L**



**HRMA/HRUA**

## 2. Materials / Versions

### 2.1. Base/Frame

#### 2.1.1. Office swivel chairs

##### Bases:

- Ø 710 mm five-star black polyamide (TS25),
- Ø 710 mm five-star white polyamide (TS25-W),

- Ø 700 mm five-star aluminium powder-coated in White aluminium RAL 9006 colour (ST44-WA),
- Ø 700 mm five-star polished aluminium with chrome effect (ST44-POL).

#### 2.1.2. Conference swivel chairs

##### Bases:

- Ø 710 mm five-star black polyamide (TS25),

- Ø 710 mm five-star white polyamide (TS25-W),
- Ø 700 mm five-star aluminium powder-coated in White aluminium RAL 9006 colour (ST44-WA),
- Ø 700 mm five-star polished aluminium with chrome effect (ST44-POL),
- Ø 740 mm four-star polished aluminium with chrome effect (ST53-POL).

### 2.1.3. Conference frame chairs

Cantilever frame – made of steel tube  
 $\varnothing$  22 x 3 mm.

4-leg frame – made of steel tube  $\varnothing$  22 x 2 mm.

Finish options:

- powder-coated in Traffic white RAL 9016 colour (W),
- powder-coated in Jet black RAL 9005 colour (BL),
- powder-coated in White aluminium RAL 9006 colour (WA),
- or "Fashion Collection" colours,
- chromium plated (CR).

**Stacking:**

Cantilever chair – stacking up to 3 pieces.

4-leg chair (2ME-S only) – stacking up to 2 pieces.

## 2.2. Castors/Glides

### 2.2.1. Office swivel chairs

$\varnothing$  65 mm black plastic self-braking castors for soft floors (ESH) as standard, or hard floors (ESHH) as an option.

$\varnothing$  65 mm ring castors for soft floors (ESHR), or hard floors (ESHHR) – both as an option.

### 2.2.2. Conference swivel chairs

Five-star base

$\varnothing$  65 mm black plastic self-braking castors for soft floors (ESH) as standard, or hard floors (ESHH) as an option.

$\varnothing$  65 mm ring castors for soft floors (ESHR) or hard floors (ESHHR) – both as an option.

Four-star base

Glides for soft floors (GB) as standard, or hard floors (GBF) as an option.

### 2.2.3. Conference frame chairs

Cantilever frame

Glides for soft floors (GB) as standard, or hard floors (GBF) as an option.

Mini-glides for soft floors (GBM), or hard floors (GBMF) – both as an option.

Frame without glides (NGB) – as an option.

4-leg frame

Self-leveling glides for soft floors (GBP) as standard, or hard floors (GBPF) as an option.

Mini-rolls for soft floors (RMH), or hard floors (RMHH) – both as an option.

## 2.3. Mechanisms

### 2.3.1. Office swivel chairs

ESP synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt synchronised with the seat tilt at rate 2:1,
- backrest tilt angle of 22° synchronised with the seat tilt angle of 11°,
- seat and backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob,
- seat depth adjustment 60 mm – as an option (ESPT),
- seat depth adjustment 60 mm, negative seat inclination of 2° – as an option (ESPTN),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

SFB1.SMV self-tension mechanism with automatic weight adjustment and S-MOVE system – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 18° synchronised with the seat tilt angle of 4.5°,
- seat and backrest multi-lock in 5 positions,
- automatic backrest tilt force adjustment to the user weight in range of 50–110 kg,
- seat depth adjustment 50 mm – as an option (SFT1.SMV),
- S-MOVE system – dynamic seat movement in 4 directions,
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back, after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

SFB1 self-tension mechanism with automatic weight adjustment – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 18° synchronised with the seat tilt angle of 4.5°,
- seat and backrest multi-lock in 5 positions,
- seat depth adjustment 50 mm – as an option (SFT1),
- automatic backrest tilt force adjustment to the user weight in range of 50–110 kg,
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back, after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

### 2.3.2. Conference swivel chairs

TILT/AR, TILT/AR/BD mechanism – functions:

- tilting of integrated seat and backrest in the range of 11° (free-floating),
- smooth height adjustment of chair with pneumatic gas lift for TILT/AR mechanism,
- no height adjustment for TILT/AR/BD mechanism.

## 2.4. Seat, backrest and headrest

### 2.4.1. Office swivel chairs

**Seat**

Structure is made of 7-layer plywood, thickness 10.5 mm covered with 2-layers of foam: thickness 30 mm, density 35 kg/m<sup>3</sup>, and thickness 10 mm, density 40 kg/m<sup>3</sup>.

Seat cover is made of black or white polypropylene (PP), according to selected colour concept.

**Backrest**

Upholstered backrest – structure is made of polypropylene (PP), and thermoplastic elastomer (TPE), covered with foam, thickness 20 mm in front part and 6 mm at back part, density 25 kg/m<sup>3</sup>.

Mesh backrest (MESH) – frame is made of glass fiber reinforced polyamide (PA + GF). Backrest connector is made of a flat steel plate, thickness 8 mm.

As standard, each backrest is height adjustable in range of 60 mm.

Lumbar support (LS2) – integrated with upholstered backrest, depth adjustment in range of 20 mm – Schukra mechanism.

Lumbar support (LU2) – applicable to mesh backrest, height adjustment in range of 53 mm.

**Headrest**

Upholstered headrest (HRUA) – structure is made of plywood, covered with double layer of cut foam, thickness 6 mm each, fully upholstered. Tilt angle and height adjustment in range of 65 mm. Applicable to upholstered backrest.

Mesh headrest (HRMA) – structure is made of glass fiber reinforced polyamide (PA + GF), upholstered in mesh. Tilt angle and height adjustment in range of 65 mm. Applicable to mesh backrest.

### 2.4.2. Conference swivel and frame chairs

**Seat**

Structure is made of 6-layer plywood, thickness approx. 9 mm covered with 2-layers of foam, thickness 15 mm, density 40 kg/m<sup>3</sup>, and thickness 16 mm, density 35 kg/m<sup>3</sup>.

Seat cover is made of black or white polypropylene (PP), according to selected colour concept.

**Backrest**

Upholstered backrest – structure is made of 6-layer plywood, thickness approx. 9 mm covered in front part with foam thickness 20 mm, density 25 kg/m<sup>3</sup>, and back part with foam thickness 6 mm, density 35 kg/m<sup>3</sup>.

## 3. Armrests

### 3.1. Office swivel chairs

Fixed armrests – made of black or white glass fiber reinforced polyamide (PA + GF) with black soft thermoplastic elastomer (TPE) pads.

2-D armrests – made of black or aluminium/white glass fiber reinforced polyamide (PA + GF) with black soft thermoplastic elastomer (TPE) pads. Adjustment range of the armrests: height 100 mm, side movement of the armrests 40 mm.

4-D armrests – made of black or aluminium/white glass fiber reinforced polyamide (PA + GF) with black soft thermoplastic elastomer (TPE) pads. Adjustment range of the armrests: height 110 mm, side movement of the armrests 40 mm, forward/backward movement of the pad 50 mm, pad rotation  $\pm$  30°.

## 4. Packaging

Office swivel chairs

- 1 piece per box (partially assembled packed in L-shape box)

Conference frame chairs

- conference swivel – 1 piece per box (fully assembled)
- conference cantilever frame – 2 pieces per box (fully assembled)
- conference 4-leg frame – 1 piece per box (fully assembled),
- 4-leg S (stackable) – 2 pieces per box (fully assembled).

## 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)

GS Safety Certificate.

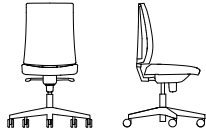
REMODEX (durability certificate) – approvals compliant with EN 1335 and EN 1022.

Navigo

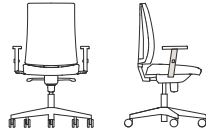
# Technical description

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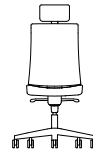
## 1. Dimensions / Weights



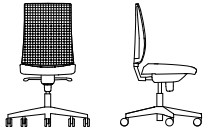
NAVIGO UPH FS  
RTS TS25 (ST44) ESH



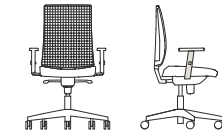
NAVIGO UPH FS  
R35K2 TS25 (ST44) ESH



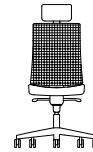
NAVIGO UPH HRUA FS  
RTS TS25 (ST44) ESH



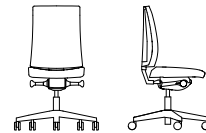
NAVIGO MESH/MESH PLUS FS  
RTS TS25 (ST44) ESH



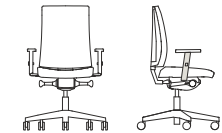
NAVIGO MESH/MESH PLUS FS  
R35K2 TS25 (ST44) ESH



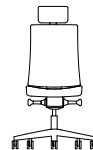
NAVIGO MESH/MESH PLUS HRUA  
FS RTS TS25 (ST44) ESH



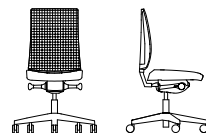
NAVIGO UPH LP11  
RTS TS25 (ST44) ESH



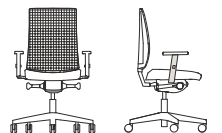
NAVIGO UPH LP11  
R35K2 TS25 (ST44) ESH



NAVIGO UPH HRUA LP11  
RTS TS25 (ST44) ESH



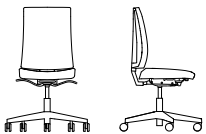
NAVIGO MESH/MESH PLUS LP11  
RTS TS25 (ST44) ESH



NAVIGO MESH/MESH PLUS LP11  
R35K2 TS25 (ST44) ESH



NAVIGO MESH/MESH PLUS HRUA  
LP11 RTS TS25 (ST44) ESH



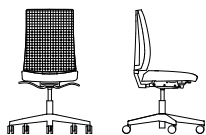
NAVIGO UPH SFB1  
RTS TS25 (ST44) ESH



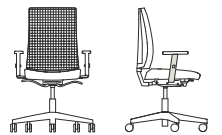
NAVIGO UPH SFB1  
R35K2 TS25 (ST44) ESH



NAVIGO UPH HRUA SFB1  
RTS TS25 (ST44) ESH



NAVIGO MESH/MESH PLUS FS SFB1  
RTS TS25 (ST44) ESH



NAVIGO MESH/MESH PLUS FS SFB1  
R35K2 TS25 (ST44) ESH



NAVIGO MESH/MESH PLUS HRUA  
SFB1 RTS TS25 (ST44) ESH



Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
NAVIGO HRUA TS25 RTS FS ESH	420–550	420	450	460	980–1180	430	520	570–640	165–225	Ø 710	—	644	250	150	15,25
NAVIGO HRUA TS25 RTS FST ESH	420–550	420–470	450	460	980–1180	430	520	570–640	165–225	Ø 710	—	644	250	150	16,07
NAVIGO HRUA ST44 RTS FS ESH	420–550	420	450	460	980–1180	430	520	570–640	165–225	Ø 700	—	636	250	150	15,50
NAVIGO HRUA ST44 RTS FST ESH	420–550	420–470	450	460	980–1180	430	520	570–640	165–225	Ø 700	—	636	250	150	16,32,
NAVIGO MESH HRUA TS25 RTS FS ESH	420–550	420	450	460	980–1180	430	520	570–640	165–225	Ø 710	—	644	250	150	14,79
NAVIGO MESH HRUA TS25 RTS FST ESH	420–550	420–470	450	460	980–1180	430	520	570–640	165–225	Ø 710	—	644	250	150	15,61
NAVIGO MESH HRUA ST44 RTS FS ESH	420–550	420	450	460	980–1180	430	520	570–640	165–225	Ø 700	—	636	250	150	15,04
NAVIGO MESH HRUA ST44 RTS FST ESH	420–550	420–470	450	460	980–1180	430	520	570–640	165–225	Ø 700	—	636	250	150	15,86
NAVIGO HRUA TS25 RTS LP11 ESH	410–540	420	450	460	970–1170	430	520	570–640	165–225	Ø 710	—	644	250	150	15,15
NAVIGO HRUA TS25 RTS LP11T/LP11TN ESH	410–540	410–470	450	460	970–1170	430	520	570–640	165–225	Ø 710	—	644	250	150	16,51
NAVIGO HRUA ST44 RTS LP11 ESH	410–540	420	450	460	970–1170	430	520	570–640	165–225	Ø 700	—	636	250	150	15,40
NAVIGO HRUA ST44 RTS LP11T/LP11TN ESH	410–540	410–470	450	460	970–1170	430	520	570–640	165–225	Ø 700	—	636	250	150	16,32
NAVIGO MESH HRUA TS25 RTS LP11 ESH	410–540	420	450	460	970–1170	430	520	570–640	165–225	Ø 710	—	644	250	150	14,69
NAVIGO MESH HRUA TS25 RTS LP11T/LP11TN ESH	410–540	410–470	450	460	970–1170	430	520	570–640	165–225	Ø 710	—	644	250	150	15,61
NAVIGO MESH HRUA ST44 RTS LP11 ESH	410–540	420	450	460	970–1170	430	520	570–640	165–225	Ø 700	—	636	250	150	14,94
NAVIGO MESH HRUA ST44 RTS LP11T/LP11TN ESH	410–540	410–470	450	460	970–1170	430	520	570–640	165–225	Ø 700	—	636	250	150	15,86
NAVIGO HRUA TS25 RTS SFB1 ESH	420–550	420	450	460	960–1160	430	520	570–640	165–225	Ø 710	—	644	250	150	15,39
NAVIGO HRUA TS25 RTS SFT1 ESH	420–550	420–470	450	460	960–1160	430	520	570–640	165–225	Ø 710	—	644	250	150	16,83
NAVIGO HRUA ST44 RTS SFB1 ESH	420–550	420	450	460	960–1160	430	520	570–640	165–225	Ø 700	—	636	250	150	15,64
NAVIGO HRUA ST44 RTS SFT1 ESH	420–550	420–470	450	460	960–1160	430	520	570–640	165–225	Ø 700	—	636	250	150	17,08
NAVIGO MESH HRUA TS25 RTS SFB1 ESH	420–550	420	450	460	960–1160	430	520	570–640	165–225	Ø 710	—	644	250	150	14,93
NAVIGO MESH HRUA TS25 RTS SFT1 ESH	420–550	420–470	450	460	960–1160	430	520	570–640	165–225	Ø 710	—	644	250	150	16,37
NAVIGO MESH HRUA ST44 RTS SFB1 ESH	420–550	420	450	460	960–1160	430	520	570–640	165–225	Ø 700	—	636	250	150	15,18
NAVIGO MESH HRUA ST44 RTS SFT1 ESH	420–550	420–470	450	460	960–1160	430	520	570–640	165–225	Ø 700	—	636	250	150	16,62

**A** – Seat height  
**B** – Seat depth  
**C** – Seat surface depth  
**D** – Seat width  
**E** – Overall height

**F** – Backrest width  
**G** – Backrest length  
**H** – Backrest height  
**J** – Base diameter  
**K** – Base width

**L** – Overall depth  
**I** – Headrest height  
**M** – Headrest width  
**N** – Headrest height

# Technical description

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Armrests	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
GTP57K2	225	225	80	460	620	1,25
R35K2	200–280	225	80	490	650	1,6
R35K3	220–300	230	90	480	660	1,8
R35K2 SB2	190–270	225	80	460–510	620–670	2,45
R35K3 SB2	210–290	230	90	450–500	630–680	2,65

**Z** – Armrest height

**Y** – Armrest length

**X** – Armrest width

**W** – Internal width between armrests

**V** – External width between armrests



**NAVIGO COUNTER UPH FS RTS TS25**

Weight: 16,80 kg (17,05 kg)



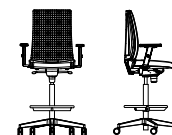
**NAVIGO COUNTER UPH FS R35K2 TS25**

Weight: 18,40 kg (18,65 kg)



**NAVIGO COUNTER MESH/MESH PLUS FS RTS TS25**

Weight: 16,60 kg (16,85 kg)



**NAVIGO COUNTER MESH/MESH PLUS FS R35K2 TS25**

Weight: 18,20 kg (18,45 kg)



Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	
NAVIGO COUNTER TS25 RTS FS KSHH	570–715	420	450	460	1160–1360	430	520	570–640	—	Ø 710	—	644	—	—	—
NAVIGO COUNTER TS25 RTS FS GB	555–700	420	450	460	1145–1345	430	520	570–640	—	Ø 710	—	644	—	—	—
NAVIGO COUNTER ST44 RTS FS KSHH	570–715	420	450	460	1160–1360	430	520	570–640	—	Ø 700	—	636	—	—	—
NAVIGO COUNTER ST44 RTS FS GB	555–700	420	450	460	1145–1345	430	520	570–640	—	Ø 700	—	636	—	—	—
NAVIGO MESH COUNTER TS25 RTS FS KSHH	570–715	420	450	460	1160–1360	430	520	570–640	—	Ø 710	—	644	—	—	—
NAVIGO MESH COUNTER TS25 RTS FS GB	555–700	420	450	460	1145–1345	430	520	570–640	—	Ø 710	—	644	—	—	—
NAVIGO MESH COUNTER ST44 RTS FS KSHH	570–715	420	450	460	1160–1360	430	520	570–640	—	Ø 700	—	636	—	—	—
NAVIGO MESH COUNTER ST44 RTS FS GB	555–700	420	450	460	1145–1345	430	520	570–640	—	Ø 700	—	636	—	—	—

**A** – Seat height

**B** – Seat depth

**C** – Seat surface depth

**D** – Seat width

**E** – Overall height

**F** – Backrest width

**G** – Backrest length

**H** – Backrest height

**J** – Base diameter

**K** – Base width

**L** – Overall depth

**I** – Headrest height

**M** – Headrest width

**N** – Headrest height

\*Dimensions measured under load in accordance with the EN 1335 standard.





Armrests	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
GTP57K2	225	225	80	460	620	1,25
R35K2	200–280	225	80	490	650	1,6

Z – Armrest height  
Y – Armrest length

X – Armrest width  
W – Internal width between armrests

V – External width between armrests

## 2. Materials/Versions

### 2.1. Base

#### Bases:

- Ø 710 mm five-star black polyamide (TS25),
- Ø 710 mm five-star white polyamide (TS25-W),
- Ø 700 mm five-star aluminium powder-coated in White aluminium RAL 9006 colour (ST44-ALU),
- Ø 700 mm five-star polished aluminium with chrome effect (ST44-POL).

Ring base (as standard for counter versions) – height adjustable with a knob, made of steel tube Ø 20 × 1.5 mm, crossbars – steel tube Ø 30 × 15 × 1.5 mm, external diameter of ring base 440 mm. Powder-coated in Jet black RAL 9005 colour.

### 2.2. Castors/Glides

Ø 65 mm black plastic self-braking castors for soft floors (ESH) as standard, or hard floors (ESHH) as an option. Ø 50 mm black plastic load-brake castors for soft floors (KSH) as standard, or hard floors (KSHH) as an option – applicable to counter version.  
Glides for soft floors (GB), or hard floors (GBF) both as an option.

### 2.3. Mechanisms

#### FS synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 33° synchronised with the seat tilt angle of 11°,\*
- seat and backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob,
- seat depth adjustment 50 mm – as an option (FST),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

#### SFB1 self-tension mechanism with automatic weight adjustment – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 33°,\*
- seat tilt angle of 4.5°,
- seat and backrest multi-lock in 5 positions,
- seat depth adjustment 50 mm – as an option (SFT1),

- automatic backrest tilt force adjustment to the user weight in range of 50–110 kg,
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back, after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

#### LP11 synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 33° synchronised with seat tilt angle of 11°,\*
- backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob placed on right side of the seat,
- seat depth adjustment 60 mm, multi-lock in 6 positions as an option (LP11T),
- seat depth adjustment 60 mm, negative seat inclination of 3°, synchronously tilting with the backrest at 6°, which guarantees optimal support for the user's back at each tilted-position of the chair – as an option (LP11TN),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

### 2.4. Seat, backrest and headrest

As standard, upholstery type and colour are the same for each upholstered element.

#### Seat

Structure is made of 7-layer plywood, thickness 10.5 mm, covered with injected foam (FOAM-I), thickness 50 mm, density 60 kg/m³, or with two layers of cut foam (FOAM-C) as an option.  
Top foam layer, thickness 30 mm, density 35 kg/m³, ensures soft seat effect when sitting down on chair.  
Bottom foam layer, thickness 20 mm, density 40 kg/m³ with a higher level of flexibility, ensures soft seat effect while long-term use of chair.

#### Backrest

As standard, each backrest is height adjustable in range of 70 mm, 13 lock positions. Backrest connector is made of flat steel bar, thickness 8 mm.

#### Upholstered backrest (UPH)

Structure is made of polypropylene (PP), covered with injected foam (FOAM-I), thickness 26 mm, density ≈ 60 kg/m³, or with cut foam (FOAM-C), thickness 35 mm, density 35 kg/m³, as an option.

Models of backrest backs for upholstered version (UPH):

- BASIC – with plastic cover in black colour (BL) as standard, or white colour (W) as an option,
- INSERT – with plastic, see-through cover in black colour (BL) as standard, or white colour (W) as an option. Backrest upholstered in the same fabric and colour as seat,
- WINDOW – with plastic frame in black colour (BL) as standard, or white colour (W) as an option. Backrest upholstered in the same fabric and colour as seat.

#### Mesh backrest (MESH)

Frame is made of polypropylene (PP), upholstered in mesh (MF) available in two colours: black or grey.

#### Mesh backrest (MESH PLUS)

Frame is made of polypropylene (PP), upholstered in both types of mesh:

- constructional (OP24N) in black colour,
- Runner 3D fabric (RN).

Note: in case of selecting Runner finish for backrest, the same Runner finish for the seat is recommended, as there is no exact matching colour among other available fabrics to Runner 3D fabric colours.

Pneumatic lumbar support (LN2) – integrated with upholstered backrest (UPH), with depth adjustment in range of 20 mm.

Manual lumbar support (LU2) – with height adjustment in range of 70 mm, applicable to MESH and MESH PLUS backrests.

#### Headrest

##### Upholstered headrest (HRUA)

Structure is made of plywood, covered with double layer of cut foam, thickness 6 mm each, fully upholstered. Tilt angle and height adjustment in range of 65 mm. Dedicated to all Navigo models except for COUNTER version.

# Technical description

NowyStyl

## 3. Armrests

Fixed armrests – made of black or black/white glass fiber reinforced polyamide (PA + GF), with black soft polyurethane (PU) pads.

Height adjustable armrests – made of black or black/white glass fiber reinforced polyamide (PA + GF), with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 85 mm.

2-D armrests – made of steel and black or black/white glass fiber reinforced polyamide (PA + GF), with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 85 mm, side movement of the armrests 25 mm.

3-D armrests – made of black or black/white glass fiber reinforced polyamide (PA + GF), with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 85 mm, forward/backward movement of the pad 50 mm, pad rotation  $\pm 25^\circ$ .

4-D armrests – made of steel and black or black/white glass fiber reinforced polyamide (PA + GF), with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 85 mm, side movement of the armrests 25 mm, forward/backward movement of the pad 50 mm, pad rotation  $\pm 25^\circ$ .

## 4. Packaging

Partially assembled chair (PACK-A) packed in a cardboard box 1 piece per box, 8 pieces on pallet – as standard.

The box contains 4 separate elements:

- seat with assembled mechanism and armrests,
- backrest,
- base with assembled castors,
- gas lift.

Partially assembled chair (PACK-L), packed in a cardboard box 1 piece per box, 6 pieces on pallet – as an option.

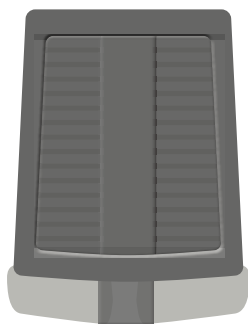
The box contains 3 separate elements:

- seat with assembled mechanism, backrest and armrests,
- base with assembled castors,
- gas lift.

## 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)

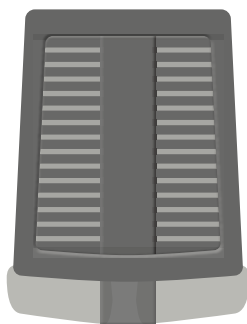
GS safety certificate.

## 6. Models of backrest backs for upholstered version (UPH)



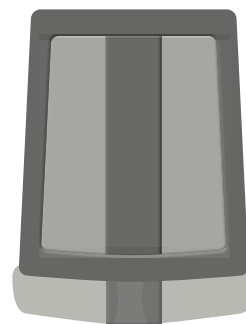
### BASIC

With plastic cover in black colour (BL) as standard, or white colour (W) as an option. Backrest upholstered in the same fabric and colour as seat.



### INSERT

With plastic see-through cover in black colour (BL) as standard, or white colour (W) as an option. Backrest upholstered in the same fabric and colour as seat.



### WINDOW

With plastic frame in black colour (BL) as standard, or white colour (W) as an option. Backrest upholstered in the same fabric and colour as seat.

Z-body

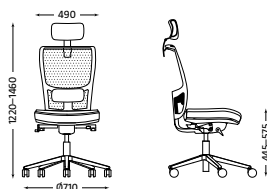
# Technical description

**NowyStyl**

## 1. Dimensions/Weight



**Z-BODY RTS ESP**  
weight: 12.90 kg



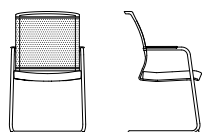
**Z-BODY-HRUA RTS ESP**  
weight: 13.90 kg



**Z-BODY RTS ES**  
weight: 12.90 kg



**Z-BODY-HRUA RTS ES**  
weight: 13.90 kg



**Z-BODY CFP**



Model	Dimensions (mm)												Weight (kg)
	A	A1	B	C	D	E	F	G	H	K	V	L	
Z-BODY CFP G2B	470	455	450	—	465	890	435	465	670	535	535	630	9,6
Z-BODY CFP G2BF	470	455	450	—	465	890	435	465	670	535	535	630	9,6

**A** – Seat height  
**A1** – Seat height according to standard EN 16139  
**B** – Seat depth  
**C** – Seat surface depth

**D** – Seat width  
**E** – Overall height  
**F** – Backrest width  
**G** – Backrest length  
**H** – Armrests height

**K** – Base width  
**V** – Overall width  
**L** – Overall depth

## 2. Materials/Versions

### 2.1. Base/Frame

#### 2.1.1. Office swivel chairs

##### Bases:

- Ø 710 mm five-star black polyamide (TS25),
- Ø 700 mm five-star polished aluminium with chrome effect (ST44-POL).

#### 2.1.2. Conference frame chairs

**Cantilever frame** – made of chromium plated steel tube of 25 × 2.0 mm/16 × 2.0 mm. Stacking up to 2 pieces.

### 2.2. Castors/Glides

#### 2.2.1. Office swivel chairs

Ø 50 mm black plastic self-braking castors for soft floors (SH) as standard, or hard floors (SHH) as an option.

Ø 65 mm black plastic self-braking castors for soft floors (ESH), or hard floors (ESHH), both as an option.

#### 2.2.2. Conference frame chairs

Black polyethylene glides with replaceable bottom cap made of white plastic (POM) for soft floors (G2B) as standard and for hard floors (G2BF) as an option.

### 2.3. Mechanisms

#### ES synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt synchronised with the seat tilt at rate 2:1,
- backrest tilt angle of 20° synchronised with the seat tilt angle of 11°,
- seat and backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob,
- seat depth adjustment 60 mm – as an option (EST),
- seat depth adjustment 60 mm, negative seat inclination of 5° – as an option (EFT),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of the chair with pneumatic gas lift.

#### ESP synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt synchronised with the seat tilt at rate 2:1,
- backrest tilt angle of 22° synchronised with the seat tilt angle of 11°,
- seat and backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob,
- seat depth adjustment 60 mm – as an option (ESPT),
- seat depth adjustment 60 mm, negative seat inclination of 2° – as an option (ESPTN),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

### 2.4. Seat, backrest and headrest

#### 2.4.1. Office swivel chairs

##### Seat

Structure is made of polypropylene (PP) covered with 2 layers of foam, thickness 20 mm, density 50 kg/m<sup>3</sup> and foam thickness 25 mm, density 40 kg/m<sup>3</sup>. Seat cover made of black polypropylene (PP).

##### Backrest

**Mesh backrest** – Structure is made of polypropylene (PP) covered with black polyester mesh. Backrest height adjustment in range of 60 mm.

**Lumbar support** (LU2) – upholstered cushion made of polypropylene (PP) covered with injected foam, depth adjustable in range of 10 mm.

##### Headrest

**Adjustable upholstered headrest** (HRUA) – structure is made of polypropylene (PP) covered with injected foam, front part upholstered, back part is made of black polypropylene (PP), height adjustment in range of 50 mm, tilt adjustment.

For chairs upholstered in available fabrics with exception of: Bondai, Sempre, Sempre Melange, Lucia, Era, Ofium, Xtreme, Mafra, Radio, Felicity, Step, Step Melange, Blazer, Fame, Synergy.

**Adjustable upholstered headrest** (HR) – structure is made of polypropylene (PP) covered with injected foam, front part upholstered, back part is made of black polypropylene (PP), height adjustment in range of 50 mm, tilt adjustment.

For chairs upholstered in Bondai, Sempre, Sempre Melange, Lucia, Era, Ofium, Xtreme, Mafra, Radio, Felicity, Step, Step Melange, Blazer, Fame, Synergy fabrics, headrest is upholstered in black artificial leather, as standard (HR-VL9035). For chairs upholstered in all available fabrics, headrest can be upholstered in black leather, as an option (HR-LE01).

#### 2.4.2. Conference frame chairs

##### Seat

Structure is made of 9-layer plywood, thickness 11 mm, covered with 2 layers of foam, thickness 20 mm, density 50 kg/m<sup>3</sup>, and thickness 25 mm, density 40 kg/m<sup>3</sup>. Seat cover is made of black polypropylene (PP).

##### Backrest

Structure is made of polypropylene (PP) upholstered in black mesh.

### 3. Armrests

#### 3.1. Office swivel chairs

**3-D armrests** – made of black glass fiber reinforced polyamide (PA + GF), or polished aluminium with chrome effect and black glass fiber reinforced polyamide (PA + GF), with black polyurethane (PU) pads. Adjustment range of the armrests: height 75 mm, side movement of the armrests 60 mm, pad rotation 15°.

**4-D armrest** – made of black glass fiber reinforced polyamide (PA + GF), or polished aluminium with chrome effect and black glass fiber reinforced polyamide (PA + GF), with black polyurethane (PU) pads. Adjustment range of the armrests: height 75 mm, side movement of the armrests 60 mm, forward/backward movement of the pad 60 mm, pad rotation 15°.

#### 3.2. Conference frame chairs

**Fixed armrests** – integrated with frame, with polypropylene (PP) pads.

### 4. Packaging

**Office swivel chairs** – 1 piece per box (fully assembled).

**Conference frame chairs** – 1 piece per box (fully assembled).

### 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)

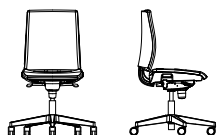
GS Safety Certificate (applicable to CFP version).

Intrata

# Technical description

**NowyStyl**

## 1. Dimensions/Weight



**INTRATA O-11 FS**  
Weight: 15,30 kg



**INTRATA O-11 RB FS**  
Weight: 17,70 kg



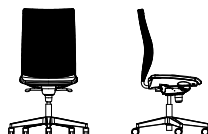
**INTRATA O-12 FS**  
Weight: 16,20 kg



**INTRATA O-12 RB FS**  
Weight: 18,60 kg



**INTRATA O-13 FS**  
Weight: 13,70 kg



**INTRATA O-14 FS**  
Weight: 13,80 kg



**Dimensions  
(mm)**

Model	A	B	C	D	E	F	G	H	J	K	L	I	M	N
INTRATA O-11-TS25-RTS-FS-SH/SHH	425–555	440	450	480	930–1130	440	480	500–570	710	—	644	—	—	—
INTRATA O-11-TS25-RTS-FST-SH/SHH	425–555	440–490	450	480	930–1130	440	480	500–570	710	—	644	—	—	—
INTRATA O-11-ST44-RTS-FS-SH/SHH	425–555	440	450	480	930–1130	440	480	500–570	700	—	636	—	—	—
INTRATA O-11-ST44-RTS-FST-SH/SHH	425–555	440–490	450	480	930–1130	440	480	500–570	700	—	636	—	—	—
INTRATA O-11-RB-TS25-RTS-FS-KHA/KHHA	640–830	440	450	480	1150–1480	440	480	500–570	710	—	644	—	—	—
INTRATA O-11-RB-ST44-RTS-FS-KHA/KHHA	640–830	440	450	480	1150–1480	440	480	500–570	700	—	636	—	—	—
INTRATA O-12-TS25-RTS-FS-SH/SHH	425–555	440	450	480	1010–1210	450	560	580–650	710	—	644	—	—	—
INTRATA O-12-TS25-RTS-FST-SH/SHH	425–555	440–490	450	480	1010–1210	450	560	580–650	710	—	644	—	—	—
INTRATA O-12-ST44-RTS-FS-SH/SHH	425–555	440	450	480	1010–1210	450	560	580–650	700	—	636	—	—	—
INTRATA O-12-ST44-RTS-FST-SH/SHH	425–555	440–490	450	480	1010–1210	450	560	580–650	700	—	636	—	—	—
INTRATA O-12-RB-TS25-RTS-FS-KHA/KHHA	640–830	440	450	480	1230–1560	450	560	580–650	710	—	644	—	—	—
INTRATA O-12-RB-ST44-RTS-FS-KHA/KHHA	640–830	440	450	480	1230–1560	450	560	580–650	700	—	636	—	—	—
INTRATA O-12-HR/HRU-TS25-RTS-FS-SH/SHH	425–555	440	450	480	1010–1210	450	560	580–650	710	—	644	190	230	140
INTRATA O-12-HR/HRU-TS25-RTS-FST-SH/SHH	425–555	440–490	450	480	1010–1210	450	560	580–650	710	—	644	190	230	140
INTRATA O-12-HR/HRU-ST44-RTS-FS-SH/SHH	425–555	440	450	480	1010–1210	450	560	580–650	700	—	636	190	230	140
INTRATA O-12-HR/HRU-ST44-RTS-FST-SH/SHH	425–555	440–490	450	480	1010–1210	450	560	580–650	700	—	636	190	230	140
INTRATA O-12-HR/HRU-RB-TS25-RTS-FS-KHA/KHHA	640–830	440	450	480	1230–1560	450	560	580–650	710	—	644	190	230	140



Model	Dimensions (mm)													
	A	B	C	D	E	F	G	H	J	K	L	I	M	N
INTRATA-O-12-HR/HRU-RB-ST44-RTS-FS-KHA/KHHA	640–830	440	450	480	1230–1560	450	560	580–650	700	—	636	190	230	140
INTRATA O-12-HRUA-TS25-RTS-FS-SH/SHH	425–555	440	450	480	1010–1210	450	560	580–650	710	—	644	180–240	230	140
INTRATA O-12-HRUA-TS25-RTS-FST-SH/SHH	425–555	440–490	450	480	1010–1210	450	560	580–650	710	—	644	180–240	230	140
INTRATA O-12-HRUA-ST44-RTS-FS-SH/SHH	425–555	440	450	480	1010–1210	450	560	580–650	700	—	636	180–240	230	140
INTRATA O-12-HRUA-ST44-RTS-FST-SH/SHH	425–555	440–490	450	480	1010–1210	450	560	580–650	700	—	636	180–240	230	140
INTRATA-O-12-HRUA-RB-TS25-RTS-FS-KHA/KHHA	640–830	440	450	480	1230–1560	450	560	580–650	710	—	644	180–240	230	140
INTRATA-O-12-HRUA-RB-ST44-RTS-FS-KHA/KHHA	640–830	440	450	480	1230–1560	450	560	580–650	700	—	636	180–240	230	140
INTRATA O-13/O-14-TS25-RTS-FS-SH/SHH	425–555	440	450	480	1000–1130	455	600	590	710	—	644	—	—	—
INTRATA O-13/O-14-TS25-RTS-FST-SH/SHH	425–555	440–490	450	480	1000–1130	455	600	590	710	—	644	—	—	—
INTRATA O-13/O-14-ST44-RTS-FS-SH/SHH	425–555	440	450	480	1000–1130	455	600	590	700	—	636	—	—	—
INTRATA O-13/O-14-ST44-RTS-FST-SH/SHH	425–555	440–490	450	480	1000–1130	455	600	590	700	—	636	—	—	—
INTRATA O-13/O-14-HR/HRU-TS25-RTS-FS-SH/SHH	425–555	440	450	480	1000–1130	455	600	590	710	—	644	250	230	140
INTRATA O-13/O-14-HR/HRU-TS25-RTS-FST-SH/SHH	425–555	440–490	450	480	1000–1130	455	600	590	710	—	644	250	230	140
INTRATA O-13/O-14-HR/HRU-ST44-RTS-FS-SH/SHH	425–555	440	450	480	1000–1130	455	600	590	700	—	636	250	230	140
INTRATA O-13/O-14-HR/HRU-ST44-RTS-FST-SH/SHH	425–555	440–490	450	480	1000–1130	455	600	590	700	—	636	250	230	140
INTRATA O-13/O-14-HRUA-TS25-RTS-FS-SH/SHH	425–555	440	450	480	1000–1130	455	600	590	710	—	644	210–270	230	140
INTRATA O-13/O-14-HRUA-TS25-RTS-FST-SH/SHH	425–555	440–490	450	480	1000–1130	455	600	590	710	—	644	210–270	230	140
INTRATA O-13/O-14-HRUA-ST44-RTS-FS-SH/SHH	425–555	440	450	480	1000–1130	455	600	590	700	—	636	210–270	230	140
INTRATA O-13/O-14-HRUA-ST44-RTS-FST-SH/SHH	425–555	440–490	450	480	1000–1130	455	600	590	700	—	636	210–270	230	140
INTRATA O-11-TS25-RTS-ESP-SH/SHH	425–555	440	450	480	930–1130	440	480	500–570	710	—	644	—	—	—
INTRATA O-11-TS25-RTS-ESPT/ESPTN-SH/SHH	440–570	440–500	450	480	930–1130	440	480	485–555	710	—	644	—	—	—
INTRATA O-11-ST44-RTS-ESP-SH/SHH	425–555	440	450	480	930–1130	440	480	500–570	700	—	636	—	—	—
INTRATA O-11-ST44-RTS-ESPT/ESPTN-SH/SHH	440–570	440–500	450	480	930–1190	440	480	485–555	700	—	636	—	—	—



# Technical description

NowyStyl



Intrata

	Dimensions (mm)													
Model	A	B	C	D	E	F	G	H	J	K	L	I	M	N
INTRATA-O-11-RB-TS25-RTS-ESP-KHA/KHHA	640–830	440	450	480	1150–1480	440	480	500–570	710	—	644	—	—	—
INTRATA-O-11-RB-ST44-RTS-ESP-KHA/KHHA	640–830	440	450	480	1150–1480	440	480	500–570	700	—	636	—	—	—
INTRATA O-12-TS25-RTS-ESP-SH/SHH	425–555	440	450	480	1010–1210	450	560	580–650	710	—	644	—	—	—
INTRATA O-12-TS25-RTS-ESPT/ESPTN-SH/SHH	440–570	440–500	450	480	1010–1210	450	560	565–635	710	—	644	—	—	—
INTRATA O-12-ST44-RTS-ESP-SH/SHH	425–555	440	450	480	1010–1210	450	560	580–650	700	—	636	—	—	—
INTRATA O-12-ST44-RTS-ESPT/ESPTN-SH/SHH	440–570	440–500	450	480	1010–1210	450	560	565–635	700	—	636	—	—	—
INTRATA-O-12-RB-TS25-RTS-ESP-KHA/KHHA	640–830	440	450	480	1230–1560	450	560	580–650	710	—	644	—	—	—
INTRATA-O-12-RB-ST44-RTS-ESP-KHA/KHHA	640–830	440	450	480	1230–1560	450	560	580–650	700	—	636	—	—	—
INTRATA O-12-HR/HRU-TS25-RTS-ESP-SH/SHH	425–555	440	450	480	1010–1210	450	560	580–650	710	—	644	190	230	140
INTRATA O-12-HR/HRU-TS25-RTS-ESPT/ESPTN-SH/SHH	440–570	440–500	450	480	1010–1210	450	560	565–635	710	—	644	190	230	140
INTRATA O-12-HR/HRU-ST44-RTS-ESP-SH/SHH	425–555	440	450	480	1010–1210	450	560	580–650	700	—	636	190	230	140
INTRATA O-12-HR/HRU-ST44-RTS-ESPT/ESPTN-SH/SHH	440–570	440–500	450	480	1010–1210	450	560	565–635	700	—	636	190	230	140
INTRATA-O-12-HR/HRU-RB-TS25-RTS-ESP-KHA/KHHA	640–830	440	450	480	1230–1560	450	560	580–650	710	—	644	190	230	140
INTRATA-O-12-HR/HRU-RB-ST44-RTS-ESP-KHA/KHHA	640–830	440	450	480	1230–1560	450	560	580–650	700	—	636	190	230	140
INTRATA O-12-HRUA-TS25-RTS-ESP-SH/SHH	425–555	440	450	480	1010–1210	450	560	580–650	710	—	644	180–240	230	140
INTRATA O-12-HRUA-TS25-RTS-ESPT/ESPTN-SH/SHH	440–570	440–500	450	480	1010–1210	450	560	565–635	710	—	644	180–240	230	140
INTRATA O-12-HRUA-ST44-RTS-ESP-SH/SHH	425–555	440	450	480	1010–1210	450	560	580–650	700	—	636	180–240	230	140
INTRATA O-12-HRUA-ST44-RTS-ESPT/ESPTN-SH/SHH	440–570	440–500	450	480	1010–1210	450	560	565–635	700	—	636	180–240	230	140
INTRATA-O-12-HRUA-RB-TS25-RTS-ESP-KHA/KHHA	640–830	440	450	480	1230–1560	450	560	580–650	710	—	644	180–240	230	140
INTRATA-O-12-HRUA-RB-ST44-RTS-ESP-KHA/KHHA	640–830	440	450	480	1230–1560	450	560	580–650	700	—	636	180–240	230	140
INTRATA O-13/O-14-TS25-RTS-ESP-SH/SHH	425–555	440	450	480	1000–1130	455	600	590	710	—	644	—	—	—
INTRATA O-13/O-14-TS25-RTS-ESPT/ESPTN-SH/SHH	440–570	440–500	450	480	1000–1130	455	600	575	710	—	644	—	—	—
INTRATA O-13/O-14-ST44-RTS-ESP-SH/SHH	425–555	440	450	480	1000–1130	455	600	590	700	—	636	—	—	—
INTRATA O-13/O-14-ST44-RTS-ESPT/ESPTN-SH/SHH	440–570	440–500	450	480	1000–1130	455	600	575	700	—	636	—	—	—



Model	Dimensions (mm)													
	A	B	C	D	E	F	G	H	J	K	L	I	M	N
INTRATA O-13/O-14-HR/HRU-TS25-RTS-ESP-SH/SHH	425–555	440	450	480	1000–1130	455	600	590	710	—	644	250	230	140
INTRATA O-13/O-14-HR/HRU-TS25-RTS-ESPT/ESPTN-SH/SHH	440–570	440–500	450	480	1000–1130	455	600	575	710	—	644	250	230	140
INTRATA O-13/O-14-HR/HRU-ST44-RTS-ESP-SH/SHH	425–555	440	450	480	1000–1130	455	600	590	700	—	636	250	230	140
INTRATA O-13/O-14-HR/HRU-ST44-RTS-ESPT/ESPTN-SH/SHH	440–570	440–500	450	480	1000–1130	455	600	575	700	—	636	250	230	140
INTRATA O-13/O-14-HRUA-TS25-RTS-ESP-SH/SHH	425–555	440	450	480	1000–1130	455	600	590	710	—	644	210–270	230	140
INTRATA O-13/O-14-HRUA-TS25-RTS-ESPT/ESPTN-SH/SHH	440–570	440–500	450	480	1000–1130	455	600	575	710	—	644	210–270	230	140
INTRATA O-13/O-14-HRUA-ST44-RTS-ESP-SH/SHH	425–555	440	450	480	1000–1130	455	600	590	700	—	636	210–270	230	140
INTRATA O-13/O-14-HRUA-ST44-RTS-ESPT/ESPTN-SH/SHH	440–570	440–500	450	480	1000–1130	455	600	575	700	—	636	210–270	230	140

**A** – Seat height  
**B** – Seat depth  
**C** – Seat surface depth  
**D** – Seat width  
**E** – Overall height

**F** – Backrest width  
**G** – Backrest length  
**H** – Backrest height  
**J** – Base diameter  
**K** – Base width

**L** – Overall depth  
**I** – Headrest height  
**M** – Headrest width  
**N** – Headrest height



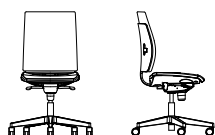
Armrests	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
R20I	210–280	255	88	440	610	1,8
R32R	230–305	260	79	440–515	600–675	3

**Z** – Armrest height  
**Y** – Armrest length

**X** – Armrest width  
**W** – Internal width between armrests

**V** – External width between armrests

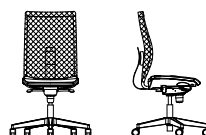
# Technical description



**INTRATA M-21 FS**  
Weight: 16,20 kg



**INTRATA M-22 FS**  
Weight: 16,60 kg



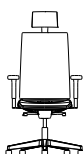
**INTRATA M-23 LU2 FS**  
Weight: 15,60 kg



**INTRATA M-24 FS**  
Weight: 14,30 kg



**INTRATA M-22 ESP**  
Weight: 16,30 kg



**INTRATA M-22 HRUA**  
Example configuration



Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
INTRATA M-21-TS25-RTS-FS-SH/SHH	435–525	460	470	530	990–1080	470	510	540	710	—	644	—	—	—	—
INTRATA M-21-TS25-RTS-FST-SH/SHH	435–525	460–510	470	530	990–1080	470	510	540	710	—	644	—	—	—	—
INTRATA M-21-ST44-RTS-FS-SH/SHH	435–525	460	470	530	990–1080	470	510	540	700	—	636	—	—	—	—
INTRATA M-21-ST44-RTS-FST-SH/SHH	435–525	460–510	470	530	990–1080	470	510	540	700	—	636	—	—	—	—
INTRATA M-22-TS25-RTS-FS-SH/SHH	435–525	460	470	530	1090–1180	470	610	640	710	—	644	—	—	—	—
INTRATA M-22-TS25-RTS-FST-SH/SHH	435–525	460–510	470	530	1090–1180	470	610	640	710	—	644	—	—	—	—
INTRATA M-22-ST44-RTS-FS-SH/SHH	435–525	460	470	530	1090–1180	470	610	640	700	—	636	—	—	—	—
INTRATA M-22-ST44-RTS-FST-SH/SHH	435–525	460–510	470	530	1090–1180	470	610	640	700	—	636	—	—	—	—
INTRATA M-22-HRUA-TS25-RTS-FS-SH/SHH	435–525	460	470	530	1090–1180	470	610	640	710	—	644	190–250	230	140	—
INTRATA M-22-HRUA-TS25-RTS-FST-SH/SHH	435–525	460–510	470	530	1090–1180	470	610	640	710	—	644	190–250	230	140	—
INTRATA M-22-HRUA-ST44-RTS-FS-SH/SHH	435–525	460	470	530	1090–1180	470	610	640	700	—	636	190–250	230	140	—
INTRATA M-22-HRUA-ST44-RTS-FST-SH/SHH	435–525	460–510	470	530	1090–1180	470	610	640	700	—	636	190–250	230	140	—
INTRATA M-23/M-24-TS25-RTS-FS-SH/SHH	425–555	460	470	530	1000–1130	455	600	590	710	—	644	—	—	—	—
INTRATA M-23/M-24-TS25-RTS-FST-SH/SHH	425–555	460–510	470	530	1000–1130	455	600	590	710	—	644	—	—	—	—
INTRATA M-23/M-24-ST44-RTS-FS-SH/SHH	425–555	460	470	530	1000–1130	455	600	590	700	—	636	—	—	—	—
INTRATA M-23/M-24-ST44-RTS-FST-SH/SHH	425–555	460–510	470	530	1000–1130	455	600	590	700	—	636	—	—	—	—
INTRATA M-23/M-24-HRUA-TS25-RTS-FS-SH/SHH	425–555	460	470	530	1000–1130	455	600	590	710	—	644	210–270	230	140	—
INTRATA M-23/M-24-HRUA-TS25-RTS-FST-SH/SHH	425–555	460–510	470	530	1000–1130	455	600	590	710	—	644	210–270	230	140	—
INTRATA M-23/M-24-HRUA-ST44-RTS-FS-SH/SHH	425–555	460	470	530	1000–1130	455	600	590	700	—	636	210–270	230	140	—
INTRATA M-23/M-24-HRUA-ST44-RTS-FST-SH/SHH	425–555	460–510	470	530	1000–1130	455	600	590	700	—	636	210–270	230	140	—



Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
INTRATA M-21-TS25-RTS-ESP-SH/SHH	435–525	460	470	530	990–1080	470	510	540	710	—	644	—	—	—	—
INTRATA M-21-TS25-RTS-ESPT/ESPTN-SH/SHH	450–540	460–520	470	530	990–1080	470	510	525	710	—	644	—	—	—	—
INTRATA M-21-ST44-RTS-ESP-SH/SHH	435–525	460	470	530	990–1080	470	510	540	700	—	636	—	—	—	—
INTRATA M-21-ST44-RTS-ESPT/ESPTN-SH/SHH	450–540	460–520	470	530	990–1080	470	510	525	700	—	636	—	—	—	—
INTRATA M-22-TS25-RTS-ESP-SH/SHH	435–525	460	470	530	1090–1180	470	610	640	710	—	644	—	—	—	—
INTRATA M-22-TS25-RTS-ESPT/ESPTN-SH/SHH	450–540	460–520	470	530	1090–1180	470	610	625	710	—	644	—	—	—	—
INTRATA M-22-ST44-RTS-ESP-SH/SHH	435–525	460	470	530	1090–1180	470	610	640	700	—	636	—	—	—	—
INTRATA M-22-ST44-RTS-ESPT/ESPTN-SH/SHH	450–540	460–520	470	530	1090–1180	470	610	625	700	—	636	—	—	—	—
INTRATA M-22-HRUA-TS25-RTS-ESP-SH/SHH	435–525	460	470	530	1090–1180	470	610	640	710	—	644	190–250	230	140	—
INTRATA M-22-HRUA-TS25-RTS-ESPT/ESPTN-SH/SHH	450–540	460–520	470	530	1090–1180	470	610	625	710	—	644	190–250	230	140	—
INTRATA M-22-HRUA-ST44-RTS-ESP-SH/SHH	435–525	460	470	530	1090–1180	470	610	640	700	—	636	190–250	230	140	—
INTRATA M-22-HRUA-ST44-RTS-ESPT/ESPTN-SH/SHH	450–540	460–520	470	530	1090–1180	470	610	625	700	—	636	190–250	230	140	—
INTRATA M-23/M-24-TS25-RTS-ESP-SH/SHH	425–555	460	470	530	1000–1130	455	600	590	710	—	644	—	—	—	—
INTRATA M-23/M-24-TS25-RTS-ESPT/ESPTN-SH/SHH	440–570	460–520	470	530	1000–1130	455	600	575	710	—	644	—	—	—	—
INTRATA M-23/M-24-ST44-RTS-ESP-SH/SHH	425–555	460	470	530	1000–1130	455	600	590	700	—	636	—	—	—	—
INTRATA M-23/M-24-ST44-RTS-ESPT/ESPTN-SH/SHH	440–570	460–520	470	530	1000–1130	455	600	575	700	—	636	—	—	—	—
INTRATA M-23/M-24-HRUA-TS25-RTS-ESP-SH/SHH	425–555	460	470	530	1000–1130	455	600	590	710	—	644	210–270	230	140	—
INTRATA M-23/M-24-HRUA-TS25-RTS-ESPT/ESPTN-SH/SHH	440–570	460–520	470	530	1000–1130	455	600	575	710	—	644	210–270	230	140	—
INTRATA M-23/M-24-HRUA-ST44-RTS-ESP-SH/SHH	425–555	460	470	530	1000–1130	455	600	590	700	—	636	210–270	230	140	—
INTRATA M-23/M-24-HRUA-ST44-RTS-ESPT/ESPTN-SH/SHH	440–570	460–520	470	530	1000–1130	455	600	575	700	—	636	210–270	230	140	—

**A** – Seat height  
**B** – Seat depth  
**C** – Seat surface depth  
**D** – Seat width  
**E** – Overall height

**F** – Backrest width  
**G** – Backrest length  
**H** – Backrest height  
**J** – Base diameter  
**K** – Base width

**L** – Overall depth  
**I** – Headrest height  
**M** – Headrest width  
**N** – Headrest height

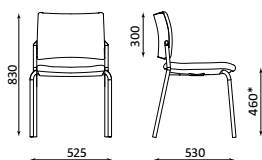


Armrests	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
R20I	210–280	255	88	440	610	1,8
R32R	230–305	260	79	440–515	600–675	3

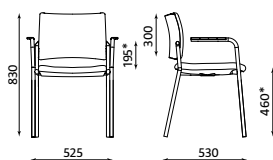
**Z** – Armrest height  
**Y** – Armrest length

**X** – Armrest width  
**W** – Internal width between armrests

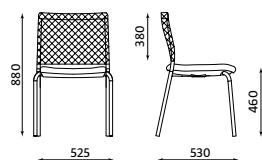
**V** – External width between armrests



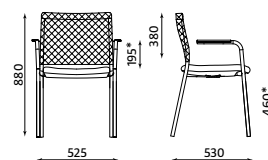
**INTRATA V-31 FL NA**  
weight: 6,60 kg



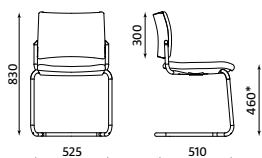
**INTRATA V-31 FL ARM**  
weight: 7,70 kg



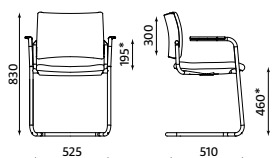
**INTRATA V-32 FL NA**  
weight: 6,70 kg



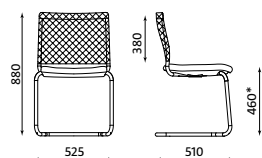
**INTRATA V-32 FL ARM**  
weight: 7,80 kg



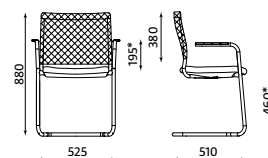
**INTRATA V-31 CF NA**  
weight: 7,60 kg



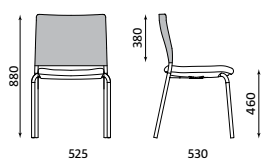
**INTRATA V-31 CF ARM**  
weight: 8,70 kg



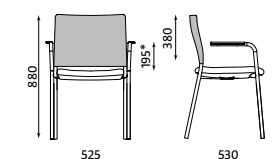
**INTRATA V-32 CF NA**  
weight: 7,70 kg



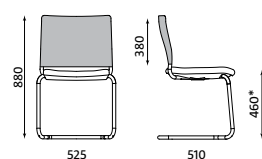
**INTRATA V-32 CF ARM**  
weight: 8,80 kg



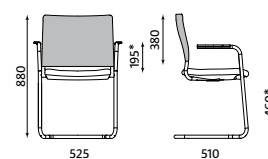
**INTRATA V-34 FL NA**  
weight: 6,80 kg



**INTRATA V-34 FL ARM**  
weight: 7,90 kg



**INTRATA V-34 CF NA**  
weight: 7,80 kg



**INTRATA V-34 CF ARM**  
weight: 8,90 kg

## 2. Materials/Versions

### 2.1. Base/Frame

#### 2.1.1. Office swivel chairs

##### Bases:

- Ø 710 mm five-star black polyamide (TS25),
- Ø 700 mm five-star aluminium powder-coated in White aluminium RAL 9006 colour (ST44-ALU),
- Ø 700 mm five-star polished aluminium with chrome effect (ST44-POL).

Black gas lift without cover.

Ring base (as standard for O-11 RB and O-12 RB versions) – height adjustable with a knob, made of steel tube Ø 20 × 1.5 mm, crossbars – steel tube Ø 30 × 15 × 1.5 mm.

Finish options:

- powder-coated in Jet black RAL 9005 colour (RBBL) with black gas lift,
- powder-coated in White aluminium RAL 9006 colour (RBALU) with black gas lift,
- chromium plated (RBCR) with black gas lift.

#### 2.1.2. Conference frame chairs

4-leg frame made of steel tube Ø 22 × 2.5 mm.

Cantilever frame made of steel tube Ø 22 × 2.5 mm.

Finish options:

- powder-coated in Jet black RAL 9005 colour (BL),
- powder-coated in White aluminium RAL 9006 colour (ALU),
- powder-coated in Traffic white RAL 9016 colour (W),
- chromium plated (CR).

##### Stacking:

- 4-leg chair with mini-rolls and armrests – up to 4 pieces,
- 4-leg chair with mini-rolls without armrests – up to 5 pieces,
- cantilever and 4-leg chair with or without armrests – up to 5 pieces.

### 2.2. Castors/Glides

#### 2.2.1. Office swivel chairs

Ø 50 mm black plastic self-braking castors for soft floors (SH) as standard, or hard floors (SHH) as an option.

Ø 65 mm black plastic self-braking castors for soft floors (ESH), or hard floors (ESHH) – both as an option.

Ø 50 mm load-brake castors (KSH). Brake system can be unlocked to release the rotation of castors – applicable to O-11 RB and O-12 RB versions as standard.

#### 2.2.2. Conference frame chairs

Glides for soft floors as standard, or for hard floors (SF) as an option.

Mini-rolls – Ø 37 mm black plastic self-braking castors for soft floors (RMH), or hard floors (RMHH) – both as an option.

### 2.3. Mechanisms

FS synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 20° synchronised with the seat tilt angle of 11°,
- seat and backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob,
- seat depth adjustment – 50 mm – as an option (FST),

- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

ESP synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt synchronised with the seat tilt at rate 2:1,
- backrest tilt angle of 22° synchronised with the seat tilt angle of 11°,
- seat and backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a crank,
- seat depth adjustment – 60 mm – as an option (ESPT),
- seat depth adjustment – 60 mm, negative seat inclination of 2° – as an option (ESPTN),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

### 2.4. Seat, backrest and headrest

#### 2.4.1. Office swivel chairs

##### Seat

Operative (O) – structure is made of 7-layer plywood, thickness 10.5 mm, covered with two layers of cut foam: thickness 25 mm, density 35 kg/m³, and thickness 20 mm, density 40 kg/m³. Seat cover is made of black polypropylene (PP), depending on the selected colour version.

Stitching on the seat to eliminate excessive upholstery stretching.

**Manager (M)** – structure is made of 7-layer plywood, thickness 10.5 mm, covered with fire-retardant profiled polyurethane, injected foam. Seat cover is made of polypropylene (PP), depending on the selected colour version. Stitching on the seat to eliminate excessive upholstery stretching.

#### Backrest

**Operative upholstered (O-11, O-12)** – structure is made of 6-layer plywood, thickness 9 mm, covered with cut foam, thickness 35 mm, density 35 kg/m<sup>3</sup>. Backrest cover is made of black polypropylene (PP).

**Operative mesh (O-13, O-14)** – frame is made of steel tube Ø 22 × 1.5 mm powder-coated in black colour as standard (OP.BL), or chromium plated as an option. Upper part of backrest frame is made of metal plate, thickness 4 mm.

Finish options:

- OP mesh (black colour as standard) – for O-13 version,
- Runner 3D fabric – for O-14 version.

**Manual lumbar support (LU2)** – made of 80 × 2.7 mm supporting steel element powder-coated in Jet black RAL9005 (BL) colour as standard, or chromium plated as an option. Cushion is made of 6-layer plywood, thickness 4.5 mm, covered with foam, thickness 15 mm, density 40 kg/m<sup>3</sup> in front part, and thickness 10 mm, density 40 kg/m<sup>3</sup> at the back part. Height adjustment in range of 70 mm.

**Manager upholstered (M-21, M-22)** – structure is made of 6-layer plywood, thickness 9 mm, covered with fire-retardant, injected polyurethane foam at front part and partially at back part of backrest. Backrest cover is made of black polypropylene (PP), with height adjustable lumbar support integrated with backrest cover as standard – adjustment range 55 mm.

**Manager mesh (M-23, M-24)** – frame is made of steel tube Ø 22 × 1.5 mm powder-coated in Jet black RAL 9005 (BL) colour as standard (OP.BL), or chromium plated as an option. Upper part of backrest frame is made of metal plate, thickness 4 mm.

Finish options:

- OP mesh (black colour as standard) – for M-23 version,
- Runner 3D fabric – for M-24 version.

**Manual lumbar support (LU2)** – made of 80 × 2.7 mm supporting steel element powder-coated in black colour as standard, or chromium plated as an option. Cushion is made of 6-layer plywood, thickness 4.5 mm, covered with foam, thickness 15 mm, density 40 kg/m<sup>3</sup> in front part, and thickness 10 mm, density 40 kg/m<sup>3</sup> at the back part. Height adjustment in range of 70 mm.

#### Headrest

**Fixed (HR)** – made of black polypropylene (PP) – applicable to O-12, O-13 versions.

**Fixed one side upholstered (HRU)** – back part made of black polypropylene (PP), covered with cut foam thickness 10 mm, density 35 kg/m<sup>3</sup>, one side upholstered – applicable to O-12, O-13 versions, always in the same upholstery type and colour as seat.

**Adjustable, fully upholstered (HRUA, HRUA-W)** – structure is made of 6-layer plywood, thickness 4.5 mm, covered with injected foam, both sides upholstered, always in the same upholstery type and colour as seat. Headrest supporting element is made of glass fiber reinforced polyamide (PA + GF), in black colour as standard. Height adjustment in range of 60 mm and tilt adjustment.

#### 2.4.2. Conference frame chairs

##### Seat

Structure is made of 5-layer plywood, thickness 6 mm, covered with cut foam, thickness 35 mm, density 40 kg/m<sup>3</sup>. Seat cover is made of black polypropylene (PP) as standard.

##### Backrest

**Upholstered backrest** – structure is made of 5-layer plywood, thickness 7.5 mm, covered with cut foam, thickness 35 mm, density 35 kg/m<sup>3</sup>. Backrest cover is made of black polypropylene (PP) as standard.

**Mesh backrest** – frame is made of steel tube Ø 22 × 2.5 mm powder-coated in Jet black RAL 9005 (BL) colour as standard, or in White aluminium RAL 9006 (ALU), Traffic white RAL 9016 (W) colour or chromium plated CR, according to selected chair colour concept, as an option. Upper part of backrest frame is made of metal plate, thickness 4 mm.

Finish options:

- OP mesh (black colour as standard) – for V-32 version,
- Runner 3D fabric – for V-34 version.

### 3. Armrests

#### 3.1. Office swivel chairs

**Height adjustable armrests** – made of glass fiber reinforced polyamide (PA + GF) with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 70 mm.

**3-D armrests** – made of chromium plated steel and glass fiber reinforced polyamide (PA + GF) with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 80 mm, side movement of the armrests 40 mm, forward/backward movement of the pad 60 mm.

#### 3.2. Conference frame chairs

**Fixed armrests** – integrated with chair frame, armrest pads made of black polypropylene (PP).

### 4. Packaging

**Office swivel chairs:**

- 1 piece per box (unassembled – as standard), 10 pieces on pallet,
- 1 piece per box (partially assembled packed in L-shape box – as an option), 6 pieces on pallet (chair without headrest) or 5 pieces on pallet (chair with headrest).

**Conference frame chair:**

- 2 pieces per box (assembled), 8 boxes on pallet.

### 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)

GS Safety Certificate – re-certification pending. Remodex (durability certificate) – approvals compliant with:

EN 16139, EN 1728 and EN 1022.

Office Excellence Quality Certificate – re-certification pending.

Approvals for OP mesh:

Ignitability: approval compliant with PN-EN1021-1;2:2007.

Composition: 100% polyester, 280 g/m<sup>2</sup>.

Abrasion resistance: 35.000 cycles as per PN-EN14465:2005 + A1:2007.

## 6. Sample order

### 6.1. Office swivel chairs

Product line	1	2	3	4	5	6	7		8	
INTRATA-	W O-12	HRUA-	TS25-	R32R-	FS-	CUZ67	ESH	(	LSHAPE	)

INTRATA-O-12HRUA-TS25-R32R-FS-CUZ67-ESH (LSHAPE)

- 1 – Version
- 2 – Headrest
- 3 – Base
- 4 – Armrests

- 5 – Mechanism
- 6 – Seat, backrest and headrest – upholstery colour code

- 7 – Castors
- 8 – Packaging

INTRATA-W O-12HRUA-TS25-R32R-FS-CUZ67-ESH (LSHAPE) identifies the chair as:

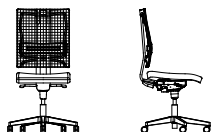
INTRATA office swivel chair, black plastic elements (BL), operative version with upholstered seat and backrest with plastic cover (O-12), upholstered headrest (HRUA), Ø 710 mm black polyamide base (TS25), 3-D armrests with soft polyurethane (PU) pads (R32R), synchronous mechanism (FS), seat, backrest and headrest upholstered in Blazer fabric (CUZ67), Ø 65 mm castors for soft floors (ESH), partially assembled (LSHAPE).

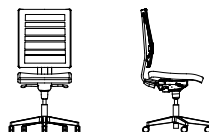
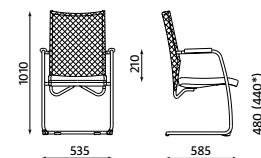
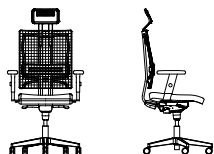
@-Motion

# Technical description

**NowyStyl**

## 1. Dimensions/Weight


**@-MOTION TS25 FS**

**@-MOTION-U TS25 FS**

**@-MOTION-PLUS TS25 FS**

**@-MOTION-LUX CFP**

**EXAMPLE  
@-MOTION WITH 3-D Armrests  
AND PLASTIC HEADREST**


Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
@-MOTION TS25 RTS FS ESH/ESHH	440–565	400	450	455	1050–1185	453	510	615	710	—	644	—	—	—	—
@-MOTION-HR TS25 RTS FS ESH/ESHH	440–565	400	450	455	1050–1185	453	510	615	710	—	644	175	234	130	—
@-MOTION ST33 RTS FS ESH/ESHH	405–490	400	450	455	1030–1125	453	510	615	682	—	620	—	—	—	—
@-MOTION-HR ST33 RTS FS ESH/ESHH	405–490	400	450	455	1030–1125	453	510	615	682	—	620	175	234	130	—

**A** – Seat height  
**B** – Seat depth  
**C** – Seat surface depth  
**D** – Seat width  
**E** – Overall height

**F** – Backrest width  
**G** – Backrest length  
**H** – Backrest height  
**J** – Base diameter  
**K** – Base width

**L** – Overall depth  
**I** – Headrest height  
**M** – Headrest width  
**N** – Headrest height



Armrests	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
R15K	220–300	255	88	450–500	630–680	3,1

**Z** – Armrest height  
**Y** – Armrest length

**X** – Armrest width  
**W** – Internal width between armrests

**V** – External width between armrests



## 2. Materials/Versions

### 2.1. Base/Frame

#### 2.1.1. Office swivel chair

##### Bases:

- Ø 710 mm five-star black polyamide (TS25),
- Ø 682 mm five-star polished aluminium with chrome effect (ST33-POL).

Black gas lift without cover.

#### 2.1.2. Conference frame chairs

Cantilever frame – made of steel tube

Ø 22 × 2.5 mm.

Finish options:

- powder-coated in Jet black RAL 9005 colour (CFP-BL),
- chromium plated (CFP-CR).

### 2.2. Castors/Glides

#### 2.2.1. Office swivel chairs

Ø 65 mm black plastic self-braking castors for soft floors (ESH) as standard, or hard floors (ESHH) as an option.

#### 2.2.2. Conference frame chairs

Glides for soft floors (GB) as standard, or hard floors (GBF) as an option.

### 2.3. Mechanisms

FS synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 20° synchronised with the seat tilt angle of 11°,
- seat and backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob,
- seat depth adjustment 50 mm – as an option (FST),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

ESP synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt synchronised with the seat tilt at rate 2:1,
- backrest tilt angle of 22° synchronised with the seat tilt angle of 11°,
- seat and backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a crank,
- seat depth adjustment 60 mm – as an option (ESPT),
- seat depth adjustment 60 mm, and negative seat inclination of 2° – as an option (ESPTN),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

### 2.4. Seat, backrest and headrest

#### 2.4.1. Office swivel chairs

##### Seat

Structure is made of 7-layer plywood, thickness 10.5 mm, covered with cut foam, thickness 50 mm, density 35 kg/m³.

##### Backrest

Mesh backrest (MESH) – frame is made of glass fiber reinforced polyamide (PA + GF), upholstered in black polyester mesh.

Upholstered backrest (U) – frame is made of glass fiber reinforced polyamide (PA + GF), upholstered in black polyester mesh with upholstered backrest cushion.

Upholstered backrest (PLUS) – structure is made of glass fiber reinforced polyamide (PA + GF). Backrest cushion is made of foam and fabric heat-sealed in ultrasonic technology at front, and plain fabric at back part. Version available only in selected Bondai fabric colours (BN6016, BN8010, BN8033). Thickness of backrest cushion ≈ 4 mm.

Backrest connector – made of elliptic steel tube, powder-coated in black colour (JBL) as standard, or chromium plated (JCR) as an option.

Manual lumbar support (LP2) – structure is made of glass fiber reinforced polyamide (PA + GF), height adjustment in range of 100 mm.

##### Headrest

Fixed headrest (HR) – structure is made of glass fiber reinforced polyamide (PA + GF).

Fixed upholstered headrest (HRU) – structure is made of 3-layer plywood, thickness 4.5 mm, covered with foam, thickness 15 mm, density 40 kg/m³. Headrest is one side upholstered in the same upholstery type and colour as seat. Back part of headrest is made of glass fiber reinforced polyamide (PA + GF).

### 2.4.2. Conference frame chairs

##### Seat

Structure is made of 7-layer plywood, thickness 10.5 mm, covered with foam, thickness 50 mm, density 35 kg/m³.

##### Backrest

Frame is made of steel tubes Ø 20 × 1.5 mm and Ø 18 × 1.5 mm upholstered in black polyester mesh.

### 3. Armrests

#### 3.1. Office swivel chairs

3-D armrests – made of steel powder-coated in Jet black RAL 9005 (R15K-BL) or chromium R15K-CR plated, and glass fiber reinforced polyamide (PA + GF) with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 80 mm, side movement of the armrests 50 mm, forward/backward movement of the pad 70 mm.

#### 3.2. Conference frame chairs

Fixed armrests – made of steel tube Ø 22 × 2.5 mm. Armrests pads are made of solid wood, thickness 32 mm, covered with foam, thickness 9 mm, density 25 kg/m³, upholstered in black artificial leather (V14N).

### 4. Packaging

Office swivel chairs:

- 1 piece per box (unassembled – as standard), 10 pieces on pallet,
- 1 piece per box (partially assembled packed in L-shape box – as an option), 6 pieces on pallet.

Conference frame chairs:

- 1 piece per box (fully assembled), 8 pieces on pallet.

### 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)

GS Certificate.

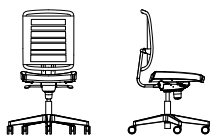
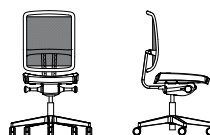
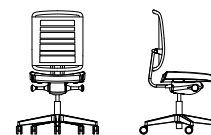
Remodex.


@-Sense

# Technical description

**NowyStyl**

## 1. Dimensions/Weight


**@-SENSE-BL FS**

**@-SENSE-PLUS-BL FS**

**@-SENSE-BL LP11**

**@-SENSE-PLUS-BL LP11**


	Dimensions (mm)														Weight (kg)
	Model	A	B	C	D	E	F	G	H	I	M	N	J	K	
@-SENSE-MESH/PLUS TS25 RTS FS SH	400–530	420	480	460	1040–1170	440	545	620	—	Ø 710	—	644	—	—	13,9
@-SENSE-MESH/PLUS TS25 RTS FS ESH	410–540	420	480	460	1050–1180	440	545	620	—	Ø 710	—	644	—	—	14,1
@-SENSE-MESH/PLUS TS25 RTS FST SH	400–530	420–470	480	460	1040–1170	440	545	620	—	Ø 710	—	644	—	—	14,7
@-SENSE-MESH/PLUS TS25 RTS FST ESH	410–540	420–470	480	460	1050–1180	440	545	620	—	Ø 710	—	644	—	—	14,9
@-SENSE-MESH/PLUS TS25 RTS LP11 SH	400–530	420	480	460	1040–1170	440	545	620	—	Ø 710	—	644	—	—	13,8
@-SENSE-MESH/PLUS TS25 RTS LP11 ESH	410–530	420	480	460	1050–1180	440	545	620	—	Ø 710	—	644	—	—	14
@-SENSE-MESH/PLUS TS25 RTS LP11T/LP11TN SH	400–530	410–470	480	460	1040–1170	440	545	620	—	Ø 710	—	644	—	—	15,1
@-SENSE-MESH/PLUS TS25 RTS LP11T/LP11TN ESH	410–530	410–470	480	460	1050–1180	440	545	620	—	Ø 710	—	644	—	—	15,3

**A** – Seat height  
**B** – Seat depth  
**C** – Seat surface depth  
**D** – Seat width  
**E** – Overall height

**F** – Backrest width  
**G** – Backrest length  
**H** – Backrest height  
**J** – Base diameter  
**K** – Base width

**L** – Overall depth  
**I** – Headrest height  
**M** – Headrest width  
**N** – Headrest height



Armrests	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
GTP57K2	225	225	80	460	620	1,25
R35K2	200–280	225	80	490	650	1,6
R35K3	220–300	230	90	480	660	1,8
R35K2-SB2	190–270	225	80	460–510	620–670	2,45
R35K3-SB2	210–290	230	90	450–500	630–680	2,65

**Z** – Armrest height  
**Y** – Armrest length

**X** – Armrest width  
**W** – Internal width between armrests

**V** – External width between armrests

## 2. Materials/Versions

### 2.1. Base

#### Bases:

- Ø 710 mm five-star black polyamide (TS25),
- Ø 710 mm five-star white polyamide (TS25-W).

Black gas lift without cover.

### 2.2. Castors

Ø 50 mm black plastic self-braking castors for soft floors (SH) as standard, or hard floors (SHH) as an option.

Ø 65 mm black plastic self-braking castors for soft floors (ESH) or hard floors (ESHH) – both as an option.

### 2.3. Mechanisms

#### FS synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 20° synchronised with the seat tilt angle of 11°,
- seat and backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob,
- seat depth adjustment in range of 50 mm – as an option (FST),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

#### LP11 synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 23° synchronised with the seat tilt angle of 11°,
- seat and backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob placed on the right side of the seat,
- seat depth adjustment in range of 60 mm, multi-lock in 6 positions – as an option (LP11T),
- seat depth adjustment in range of 60 mm, negative seat inclination of 3°, synchronously tilting with the backrest at 6°, which guarantees optimal support for the user's back at each tilted position of the chair – as an option (LP11TN),

- Anti-Shock a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

### 2.4. Seat and backrest

#### Seat

Structure is made of 7-layers plywood, thickness 10.5 mm, covered with two layers of cut foam: profiled, thickness 43–55 mm, density 40 kg/m<sup>3</sup>, and thickness 15 mm, density 40 kg/m<sup>3</sup>, as standard, or one layer of injected foam (PW), thickness 52–71 mm, density 52 kg/m<sup>3</sup>, as an option.

As standard, upholstery type and colour code are the same for each upholstered element, except for seat side drops available in any selected colour of the same fabric type as seat and backrest.

#### Backrest

Mesh backrest – backrest frame is made of black glass fiber reinforced polyamide (PA + GF) as standard (BL), or white as an option (W), upholstered in NS01 black mesh.

Upholstered backrest (PLUS) – backrest frame is made of black glass fiber reinforced polyamide (PA + GF) as standard (BL), or white as an option (W). Backrest cushion is made of foam and fabric heat-sealed in ultrasonic technology at front, and plain fabric at back part. Version available only in selected Bondai fabric colours (BN6016, BN8010, BN8033). Thickness of backrest cushion ≈ 6 mm.

Backrest supporting element – vertical part is made of steel elliptical tube 35 × 20 mm, thickness 2 mm. Upper part is made of steel tube Ø 25 mm, thickness 2.5 mm. Colour of backrest supporting element depends on the selected colour version of the chair, black (BL) as standard, or white (W) as an option.

### 3. Armrests

Fixed armrests – made of black glass fiber reinforced polyamide (PA + GF) as standard, or white (W) as an option, with black soft polyurethane (PU) pads.

Height adjustable armrests – made of glass fiber reinforced polyamide (PA + GF) in black or white/black colour (W/B), with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 85 mm.

2-D armrests – made of steel and glass fiber reinforced polyamide (PA + GF) in black or white/black colour (W/B), with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 85 mm, side movement of the armrests 25 mm.

3-D armrests – made of glass fiber reinforced polyamide (PA + GF) in black or white/black colour (W/B), with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 85 mm, forward/backward movement of the pad 50 mm, pad rotation ± 25°.

4-D armrests – made of steel and glass fiber reinforced polyamide (PA + GF) in black or white/black colour (W/B), with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 85 mm, side movement of the armrests 25 mm, forward/backward movement of the pad 50 mm, pad rotation ± 25°.

## 4. Packaging

Unassembled chair – 1 piece per box, 10 pieces on pallet.

Box contains 3 or 4 separate elements:

- seat with assembled mechanism,
- backrest with assembled backrest connector,
- base,
- armrests (depending on the selected version of chair).

## 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)

GS certificate.

Be-All

# Technical description

**NowyStyl**

## 1. Dimensions/Weight


**BE-ALL TS25 RTS FS**

**BE-ALL TS25 R35K2 FS**

**BE-ALL TS25 R35K2-SB2 FS**


Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
BE-ALL TS25 RTS FS SH	430–555	410	420	465	955–1155	435	560	520–590	710	—	644	—	—	—	14,1
BE-ALL TS25 RTS FST SH	430–555	410–460	420	465	955–1155	435	560	520–590	710	—	644	—	—	—	14,9

**A** – Seat height  
**B** – Seat depth  
**C** – Seat surface depth  
**D** – Seat width  
**E** – Overall height

**F** – Backrest width  
**G** – Backrest length  
**H** – Backrest height  
**J** – Base diameter  
**K** – Base width

**L** – Overall depth  
**I** – Headrest height  
**M** – Headrest width  
**N** – Headrest height



Armrests	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
R35K2	205–285	225	80	490	650	0,8
R35K3	215–295	230	90	480	660	0,9
R35K2 SB2	200–280	225	80	460–510	620–670	1,2
R35K3 SB2	210–290	230	90	450–500	630–680	1,3

**Z** – Armrest height  
**Y** – Armrest length

**X** – Armrest width  
**W** – Internal width between armrests

**V** – External width between armrests

## 2. Materials/Versions

### 2.1. Base

#### Bases:

- Ø 710 mm five-star black polyamide (TS25),
- Ø 710 mm five-star white polyamide (TS25-W),
- Ø 700 mm five-star polished aluminium with chrome effect (ST44-POL).

### 2.2. Castors

Ø 50 mm black plastic self-braking castors for soft floors (SH) as standard, or hard floors (SHH) as an option.

### 2.3. Mechanisms

#### FS synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 20° synchronised with the seat tilt angle of 11°,
- seat and backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob,
- seat depth adjustment in range 50 mm – as an option (FST),
- Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,
- smooth height adjustment of chair with pneumatic gas lift.

## 2.4. Seat and backrest

### Seat

Structure is made of 7-layer plywood, thickness 10.5 mm, covered with 2-layer foam, thickness 30 mm, density 40 kg/m<sup>3</sup>, with flexibility increased by 70%.

### Backrest

Structure is made of polypropylene (PP), covered in front part with foam thickness 35 mm, density 35 kg/m<sup>3</sup>, and at the back part with foam thickness 10 mm, density 35 kg/m<sup>3</sup>. Backrest cover is made of black or white polypropylene (PP), backrest height adjustment in range of 70 mm.

## 3. Armrests

R35K2 lub R35K2-W/B – made of glass fiber reinforced polyamide (PA + GF) in black or white/black colour (W/B), with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 85 mm.

R35K2-SB2 lub R35K2-W/B-SB2 – made of steel and glass fiber reinforced polyamide (PA + GF) in black or white/black colour (W/B), with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 85 mm, side movement of the armrests 25 mm.

R35K3 lub R35K3-W/B – made of glass fiber reinforced polyamide (PA + GF) in black or white/black colour (W/B), with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 85 mm, forward/backward movement of the pad 50 mm, pad rotation ± 25°.

R35K3-SB2 lub R35K3-W/B-SB2 – made of steel and glass fiber reinforced polyamide (PA + GF) in black or white/black colour (W/B), with black soft polyurethane (PU) pads. Adjustment range of the armrests: height 85 mm, side movement of the armrests 25 mm, forward/backward movement of the pad 50 mm, pad rotation ± 25°.

## 4. Packaging

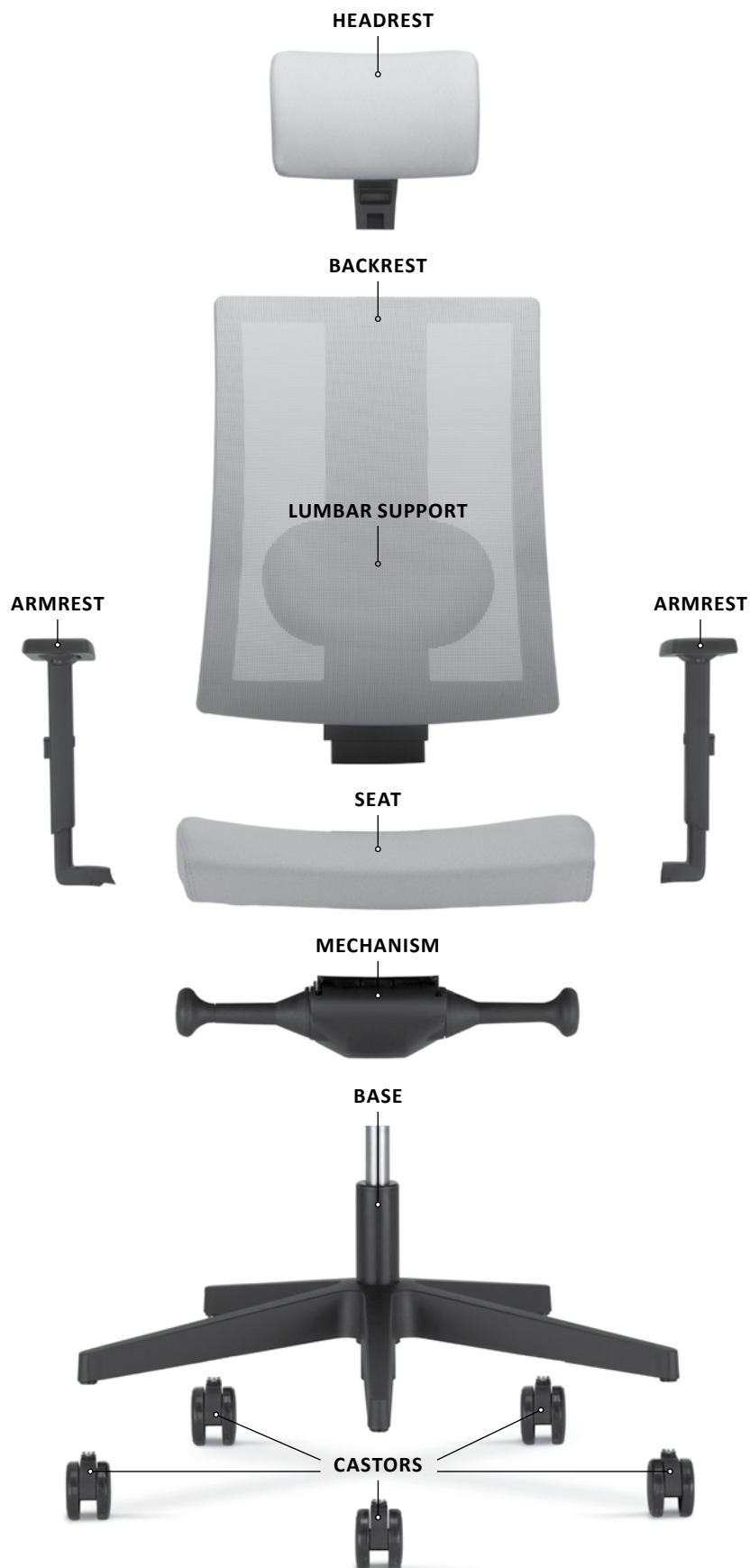
1 piece per box (unassembled), 10 pieces on pallet.

## 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)



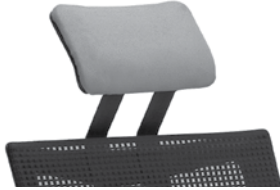



REMODEX (durability certificate) – approvals compliant with EN 1335 and EN 1022.

# Components















## FIXED HEADRESTS











Picture	Code	Material	Adjustment	Applicable to following models:
	HR	No upholstery, made of: – black glass fiber reinforced polyamide (PA + GF)	No adjustment	@-Motion
	HR	No upholstery, made of: – black polypropylene (PP)	No adjustment	I-line Intrata 0–12 Intrata 0–13
	HRU	One side upholstered, made of: – plywood and foam covered with upholstery, – black glass fiber reinforced polyamide (PA + GF)	No adjustment	@-Motion
	HRU	One side upholstered, made of: – plywood and foam covered with upholstery, – black polypropylene (PP)	No adjustment	Intrata 0–12 Intrata 0–13
	HRU	Fully upholstered, made of: – plywood and foam covered with upholstery	No adjustment	Sonata 24/7 Sonata Lux Sonata XXL
	HRU	Fully upholstered, made of: – plywood and foam covered with upholstery	No adjustment	Chester

# Headrests

## ADJUSTABLE HEADRESTS

Picture	Code	Material	Adjustment	Applicable to following models:
	HRUA3	One side upholstered, made of : – polypropylene (PP) in white or black colour, – foam covered with upholstery	Adjustable: – height in range of 60 mm, lock in 7 positions, – depth in range of 180 mm – pad rotation 96°	Xilium (applicable to UPH/P and MESH version)
	HRUA	One side upholstered, made of : – polypropylene (PP) in white or black colour, – foam covered with upholstery	Adjustable: – height in range of 60 mm, lock in 7 positions, – depth in range of 20 mm (resulting from headrest height adjustment), – pad rotation 96°	Xilium (applicable to DUO-BACK UPH/P version)
		Upholstered in mesh, made of: – black polyamide (PA)	Adjustable: – tilt angle	Mojito
	HRMA	Upholstered in mesh, made of: – black plastic	Adjustable: – height 55 mm, – tilt angle	Enjoy
	HRMA	Upholstered in Runner 3D fabric, made of: – black polyamide (PA)	Adjustable: – height 60 mm, – tilt angle	GLOBEline (applicable to mesh version)
	HRMA	Upholstered in mesh, made of: – black glass fiber reinforced polyamide (PA + GF)	Adjustable: – height 65 mm, – tilt angle	4ME (applicable to mesh version)
	HRUA	One side upholstered, made of: – black or white polypropylene (PP), – foam covered with upholstery	Adjustable: – height 60 mm, – tilt angle	Xenium
	HRUA	Fully upholstered, made of: – plywood and foam covered with upholstery	Adjustable: – height 65 mm, – tilt angle	4ME (applicable to upholstered version)
	HRUA HRUA-W (headrest supporting element in white colour)	Fully upholstered, made of: – plywood and foam covered with upholstery	Adjustable: – height 60 mm, – tilt angle	Intrata M Intrata O Sit.Net (HRUA)
	HRUA	Fully upholstered, made of: – plywood and foam covered with upholstery	Adjustable: – height 65 mm, – tilt angle	Navigo

## ADJUSTABLE HEADRESTS









Picture	Code	Material	Adjustment	Applicable to following models:
	HRUA	Fully upholstered, made of: – black glass fiber reinforced polyamide (PA + GF), – foam covered with upholstery in front part, and Mafra fabric or leather at back part	Adjustable: – height 80 mm, – tilt angle	SO-one
	HRUA	Fully upholstered, made of: – black glass fiber reinforced polyamide (PA + GF) and foam covered with upholstery	Adjustable: – height 60 mm, – tilt angle	GLOBEline (applicable to upholstered version)
	HRUA	Fully upholstered, made of: – polyvinyl chloride (PVC) and foam covered with upholstery	Adjustable: – tilt angle	Neo
	HRUA	Fully upholstered, made of : – polystyrene (PS) and foam covered with upholstery	Adjustable: – height 75 mm, – tilt angle	Viden Viden PRO
	HRUA	Fully upholstered, made of: – plywood and foam covered with upholstery	Adjustable: – height 100 mm	Sail
	HRUA	Fully upholstered, made of: – plywood and foam covered with upholstery	Adjustable: – tilt angle	Tiger UP
	ZQ	One side upholstered, made of : – black polyamide (PA) and foam covered with leather	Adjustable: – tilt angle	Mojito
	HRUA	One side upholstered, made of : – black polypropylene (PP) and foam covered with upholstery	Adjustable: – height 50 mm, – tilt angle	Taktik (applicable to MESH and upholstered PLUS versions) Z-body
	HRUA	Fully upholstered, made of: – plywood and foam covered with upholstery	Adjustable: – height 60 mm	Sonata 24/7 Sonata Lux Sonata XXL
	HRUA	Fully upholstered, made of: – polystyrene (PS) and foam covered with upholstery	Adjustable: – height 90 mm, – tilt angle	Bjarg

# Armrests

## FIXED ARMRESTS







Picture	Code	Material	Adjustment	Applicable to following models:
	GTP24 (1)	Armrest structure: – steel powder-coated in White aluminium RAL 9006 colour or polished aluminium with chrome effect Armrest pads: – solid wood, and foam covered with leather	No adjustment	Mojito
	GTP57K2 GTP57K2-W (white)	Armrest structure: – black glass fiber reinforced polyamide (PA + GF), – white glass fiber reinforced polyamide (PA + GF), Armrest pads: – black soft polyurethane (PU)	No adjustment	@-Sense Navigo SO-one (GTP57K2)
	GTP56 GTP56-W (white)	Armrest structure: – black glass fiber reinforced polyamide (PA + GF), – white glass fiber reinforced polyamide (PA + GF), Armrest pads: – black soft thermoplastic elastomer (TPE)	No adjustment	4ME
	GTP42	Armrest structure: – black polypropylene (PP)	No adjustment	Bizzi
	GTP20	Armrest structure: – black polyurethane (PU) Armrest pads: – black polyurethane (PU)	No adjustment	Master
	GTP9-ALU GTP9-CR	Armrest structure: – steel powder-coated in White aluminium RAL 9006 colour or chromium plated, – black polypropylene (PP)	No adjustment	Neo-Lux
	GTP9-BL	Armrest structure: – black polypropylene (PP)	No adjustment	Neo
	GTP46	Armrest structure: – black polypropylene (PP) Armrest pads: – black polypropylene (PP)	No adjustment	Labo Taktik

## FIXED ARMRESTS








Picture	Code	Material	Adjustment	Applicable to following models:
	GTP58	Armrest structure: – black glass fiber reinforced polypropylene (PP + GF) Armrest pads: – black polypropylene (PP)	No adjustment	Garta
	GTP45	Armrest structure: – black polypropylene (PP)	No adjustment	I-line
	GTP6	Armrest structure: – black polypropylene (PP)	No adjustment	Jupiter Saturn
	GTP2	Armrest structure: – black polypropylene (PP)	No adjustment	Nargo Pegaz Webst@r
	GTP41	Armrest structure: – black polypropylene (PP)	No adjustment	Offix
	GTP47	Armrest structure: – black polypropylene (PP)	No adjustment	Punkt
	GTP4	Armrest structure: – black polypropylene (PP)	No adjustment	Prestige
	GTP27	Armrest structure: – black polypropylene (PP), – white polypropylene (PP)	No adjustment	Smart (GTP27 black) Smart RB (GTP27 black) Smart White (GTP27 white)

# Armrests

## ADJUSTABLE ARMRESTS

Picture	Code	Material	Adjustment	Applicable to following models:
	R53-B/BPU R53-W/BPU	Armrest structure: – black or white polyamide (PA), Armrest pads: – black soft polyurethane (PU)	3D: – height adjustment 100 mm plus 11 mm resulting from backrest height adjustment, – forward/backward movement of the pad 40 mm, – pad rotation $\pm 30^\circ$	Xilium
	R54-B/B/BPU R54-W/W/BPU R54-POL/B/BPU R54-POL/W/BPU	Armrest bar: – black or white glass fiber reinforced polyamide (PA + GF), or polished aluminium with chrome effect, Armrest structure: – black or white glass fiber reinforced polyamide (PA + GF), Armrest pads: – black soft polyurethane (PU)	4D: – height adjustment 100 mm (lock in 11 positions), – side movement of the armrests 70 mm, – forward/backward movement of the pad 40 mm, – pad rotation $\pm 360^\circ$	Xilium
	R55-POL/B/BPU R55-POL/W/BPU	Armrest bar: – polished aluminium with chrome effect, Armrest structure: – black or white glass fiber reinforced polyamide (PA + GF), Armrest pads: – black soft polyurethane (PU)	XD: – height adjustment 100 mm, – side movement of the armrests 50 mm, – forward/backward movement of the pad 40 mm, – pad rotation $\pm 360^\circ$ (front pivot point), second pivot point for additional rotation: $60^\circ$ inward, $30^\circ$ outward, – $180^\circ$ rotation of the pad components by pressing the unlock button.	Xilium
	R36/B/B R36/GR/GR R36/W/B	Armrest structure: – black, grey or white polyamide (PA) Armrest pads: – black or grey polyurethane (PU)	2D: – height adjustment 90 mm, – pad rotation $\pm 44^\circ$	Xenium
	R37-BL/B/B R37-POL/B/B	Armrest structure: – black polyamide (PA) or metal element: polished aluminium with chrome effect, – black polyamide (PA) Armrest pads: – black polyurethane (PU)	4D: – height adjustment 100 mm, – side movement of the armrests 90 mm, – forward/backward movement of the pad 40 mm, – pad rotation $\pm 360^\circ$	Xenium
	R38-BL/B/B R38-BL/B/GR R38-POL/B/B R38-POL/B/GR R38-POL/W/B	Armrest structure: – metal element: aluminium powder-coated in Jet black RAL 9005 colour or polished with chrome effect, – black polyamide (PA) Armrest pads: – black or grey polyurethane (PU)	4D: – height adjustment 110 mm, – side movement of the armrests 80 mm, – forward/backward movement of the pad 40 mm, – pad rotation $\pm 360^\circ$	Xenium








## ADJUSTABLE ARMRESTS

Picture	Code	Material	Adjustment	Applicable to following models:
	R2D-POL-PU	Armrest structure: – metal element: polished with chrome effect, – black polyamide (PA) Armrest pads: – black polyurethane (PU)	2D: – height adjustment 100 mm, – side movement of the armrests 70 mm	Sail
	R2D-PU	Armrest structure: – black polyamide (PA) Armrest pads: – black polyurethane (PU)	2D: – height adjustment 100 mm, – side movement of the armrests 70 mm	Sail
	R4D-POL-PU	Armrest structure: – metal element: polished with chrome effect, – black polyamide (PA) Armrest pads: – black polyurethane (PU)	4D: – height adjustment 100 mm, – side movement of the armrests 70 mm, – forward/backward movement of the pad 50 mm, – pad rotation $\pm 15^\circ$ , $30^\circ$ (for Sail SC)	Sail
	R4D-PU	Armrest structure: – black polyamide (PA) Armrest pads: – black polyurethane (PU)	4D: – height adjustment 100 mm, – side movement of the armrests 70 mm, – forward/backward movement of the pad 50 mm, – pad rotation $\pm 15^\circ/30^\circ$ (for Sail SC)	Sail
	R18K-BL (2) R18K-CR (2)	Armrest structure: – metal element: steel powder-coated in Jet black RAL 9005 colour or chromium plated, – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	Adjustable: – height adjustment 80 mm	Mojito
	R17J-BL (3) R17J-CR (3)	Armrest structure: – metal element: steel powder-coated in Jet black RAL 9005 colour or chromium plated, – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	3D: – height adjustment 80 mm, – forward/backward movement of the pad 50 mm, – pad rotation $\pm 25^\circ$	Mojito
	R24 (4)	Armrest structure: – metal element: polished aluminium with chrome effect, – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	4D: – height adjustment 80 mm, – side movement of the armrests 50 mm, – forward/backward movement of the pad 40 mm, – width adjustment of the pad (to one side) 50 mm	Mojito










# Armrests

## ADJUSTABLE ARMRESTS








Picture	Code	Material	Adjustment	Applicable to following models:
	R64-POL/B/BPU R64-POL/W/BPU R64-POL/B/UPH R64-POL/W/UPH	Armrest structure: – metal element: polished aluminium with chrome effect, – black or white glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU) pads upholstered in black Valencia artificial leather (VL9035).	4D: – height adjustment 100 mm, – side movement of the armrests 40 mm to one side, side movement of the pad 20 mm to one side, – forward/backward movement of the pad $\pm 50$ mm, – pad rotation $\pm 30^\circ$	Denuo
	R64-B/B/BPU R64-B/B/UPH	Armrest structure: – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU) pads upholstered in black Valencia artificial leather (VL9035).	4D: – height adjustment 100 mm, – side movement of the armrests 40 mm to one side, side movement of the pad 20 mm to one side, – forward/backward movement of the pad $\pm 50$ mm, – pad rotation $\pm 30^\circ$	Denuo
	R-CR/PU R-BL/PU R-CR/LT R-BL/LT	Armrest structure: – metal element: steel powder-coated in Jet black RAL 9005 or White aluminium RAL 9006 colour or chromium plated, Armrest pads: – black polyurethane (PU) or upholstered in leather	Adjustable: – height adjustment 70 mm	Tiger UP
	R1E	Armrest structure: – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	Adjustable: – height adjustment 60 mm	Webst@r
	R2D-PP R2D-PU	Armrest structure: – black polyamide (PA) Armrest pads: – black polyurethane (PU), – black polyamide (PA)	2D: – height adjustment 100 mm, – side movement of the armrests 70 mm	GLOBEline
	R4D-PU	Armrest structure: – black polyamide (PA) Armrest pads: – black polyurethane (PU)	4D: – height adjustment 100 mm, – side movement of the armrests 70 mm, – forward/backward movement of the pad 30 mm, – pad rotation $\pm 30^\circ$	GLOBEline
	R41	Armrest structure: – black polyamide (PA) Armrest pads: – black polyurethane (PU)	3D: – height adjustment 80 mm, – side movement of the pad $\pm 15$ mm, – forward/backward movement of the pad $\pm 25$ mm	Giulietta Offix Plus Viden

## ADJUSTABLE ARMRESTS








Picture	Code	Material	Adjustment	Applicable to following models:
	R42U1-SB2	Armrest structure: – black polyamide (PA) Armrest pads: – black polyurethane (PU)	2D: – height adjustment 80 mm, – side movement of the armrests $\pm 25$ mm	Viden Vosto (R42U1)
	R42U3-SB2	Armrest structure: – black polyamide (PA) Armrest pads: – black polyurethane (PU)	4D: – height adjustment 80 mm, – side movement of the armrests $\pm 25$ mm, – forward/backward movement of the pad $\pm 20$ mm, – pad rotation $\pm 30^\circ$	Viden
	R60-B/B/BPU	Armrest structure: – black polyamide (PA) Armrest pads: – black polyurethane (PU)	2D: – height adjustment 100 mm, – side movement of the armrests 37.5 mm to one side	Viden PRO
	R62-POL/B/BPU	Armrest structure: – metal element: polished aluminium with chrome effect, – black polyamide (PA) Armrest pads: – black polyurethane (PU)	2D: – height adjustment 100 mm, – side movement of the armrests 37.5 mm to one side	Viden PRO
	R61-B/B/BPU	Armrest structure: – black polyamide (PA) Armrest pads: – black polyurethane (PU)	4D: – height adjustment 100 mm, – side movement of the armrests 37.5 mm to one side, – forward/backward movement of the pad $\pm 30$ mm, – pad rotation $\pm 30^\circ$	Viden PRO
	R63-POL/B/BPU	Armrest structure: – metal element: polished aluminium with chrome effect, – black polyamide (PA) Armrest pads: – black polyurethane (PU)	4D: – height adjustment 100 mm, – side movement of the armrests 37.5 mm to one side, – forward/backward movement of the pad $\pm 30$ mm, – pad rotation $\pm 30^\circ$	Viden PRO
	R33 R33-ALU/W	Armrest structure: – black or alu/white glass fiber reinforced polyamide (PA + GF) Armrest pads: – black thermoplastic elastomer (TPE)	2D: – height adjustment 100 mm, – side movement of the armrests 40 mm	4ME

# Armrests

## ADJUSTABLE ARMRESTS








Picture	Code	Material	Adjustment	Applicable to following models:
	R31 R31-ALU/W	Armrest structure: – black or alu/white glass fiber reinforced polyamide (PA + GF) Armrest pads: – black thermoplastic elastomer (TPE)	4D: – height adjustment 110 mm, – side movement of the armrests 40 mm, – forward/backward movement of the pad 50 mm, – pad rotation $\pm 30^\circ$	4ME
	R35K2 R35K2-W/B	Armrest structure: – black or black/white glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	Adjustable: – height adjustment 85 mm	@-Sense Antero (R35K2) Be-All Bjarg (only R35K2) Navigo Navigo Counter Neos Pop (only R35K2)
	R35K2-SB2 R35K2-W/B-SB2	Armrest structure: – metal element: steel powder-coated in Jet black RAL 9005 colour, – black or black/white glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	2D: – height adjustment 85 mm, – side movement of the armrests 25 mm	@-Sense Antero (R35K2-SB2) Bjarg (only R35K2-SB2) (not available for version mechanism EAST) Be-All Navigo SO-one (R35K2-SB2)
	R35K3 R35K3-W/B	Armrest structure: – black or black/white glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	3D: – height adjustment 85 mm, – forward/backward movement of the pad 50 mm, – pad rotation $\pm 25^\circ$	@-Sense Antero (R35K3) Be-All Bjarg (only R35K3) Navigo
	R35K3-SB2 R35K3-W/B-SB2	Armrest structure: – metal element: steel powder-coated in Jet black RAL 9005 colour, – black or black/white glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	4D: – height adjustment 85 mm, – side movement of the armrests 25 mm, – forward/backward movement of the pad 50 mm, – pad rotation $\pm 25^\circ$	@-Sense Antero (R35K3-SB2) Be-All Bjarg (only R35K3-SB2) (not available for version mechanism EAST) Navigo SO-one (R35K3-SB2)
	R20I	Armrest structure: – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	Adjustable: – height adjustment 70 mm	Intrata
	R32R	Armrest structure: – metal element: steel chromium plated, – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	3D: – height adjustment 80 mm, – side movement of the armrests 40 mm, – forward/backward movement of the pad 60 mm	Intrata Taktik

## ADJUSTABLE ARMRESTS




Picture	Code	Material	Adjustment	Applicable to following models:
	R15K-CR R15K-BL	Armrest structure: – metal element: steel powder-coated in Jet black RAL 9005 colour or chromium plated, – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	3D: – height adjustment 80 mm, – side movement of the armrests 50 mm, – forward/backward movement of the pad 70 mm	@-Motion Bizzi Sit.Net
	R1F	Armrest structure: – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	Adjustable: – height adjustment 60 mm	Master
	R1B	Armrest structure: – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	Adjustable: – height adjustment 60 mm	Neo-Lux
	R16H-CR	Armrest structure: – metal element: steel chromium plated, – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	Adjustable: – height adjustment 100 mm	Orlando
	R23P1-CR-xx	Armrest structure: – metal element: steel chromium plated, – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	2D: – height adjustment 80 mm, – forward/backward movement of the pad 60 mm	Orlando UP 24/7 Orlando UP XXL
	R15-CR-xx	Armrest structure: – metal element: steel chromium plated, – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – upholstered	2D: – height adjustment 80 mm, – forward/backward movement of the pad 70 mm	Sonata Lux
	R19T	Armrest structure: – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polypropylene (PP)	Adjustable: – height adjustment 80 mm	I-line Taktik

# Armrests

## ADJUSTABLE ARMRESTS







Picture	Code	Material	Adjustment	Applicable to following models:
	R50	Armrest structure: – black glass fiber reinforced polypropylene (PP + GF) Armrest pads: – black polypropylene (PP)	Adjustable: – height adjustment 75 mm	Garta
	R19I	Armrest structure: – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	Adjustable: – height adjustment 80 mm	Officer-Net Sit.Net
	R23P2-CR-xx	Armrest structure: – metal element: polished aluminium with chrome effect, – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – upholstered	2D: – height adjustment 80 mm, – forward/backward movement of the pad 60 mm	Chester
	R	Armrest structure: – metal element: steel chromium plated, – black plastic Armrest pads: – black polyurethane (PU)	3D: – height adjustment 60 mm, – forward/backward movement of the pad, – side movement of the pad	Enjoy
	R26S	Armrest structure: – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polypropylene (PP)	Adjustable: – height adjustment 80 mm	Labo
	R15G-3-CR	Armrest structure: – metal element: steel chromium plated, – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	2D: – height adjustment 80 mm, – forward/backward movement of the pad 70 mm	Offix
	R30	Armrest structure: – black glass fiber reinforced polyamide (PA + GF) Armrest pads: – black polyurethane (PU)	3D: – height adjustment 75 mm, – side movement of the armrests 60 mm, – pad rotation $\pm 15^\circ$	Z-body

## ADJUSTABLE ARMRESTS






Picture	Code	Material	Adjustment	Applicable to following models:
	R29-POL	<p>Armrest structure:</p> <ul style="list-style-type: none"> <li>– metal element: polished aluminium with chrome effect,</li> <li>– black glass fiber reinforced polyamide (PA + GF)</li> </ul> <p>Armrest pads:</p> <ul style="list-style-type: none"> <li>– black polyurethane (PU)</li> </ul>	<p>3D:</p> <ul style="list-style-type: none"> <li>– height adjustment 75 mm,</li> <li>– side movement of the armrests 60 mm,</li> <li>– pad rotation <math>\pm 15^\circ</math></li> </ul>	Z-body
	R29/4D-POL	<p>Armrest structure:</p> <ul style="list-style-type: none"> <li>– metal element: polished aluminium with chrome effect,</li> <li>– black glass fiber reinforced polyamide (PA + GF)</li> </ul> <p>Armrest pads:</p> <ul style="list-style-type: none"> <li>– black polyurethane (PU)</li> </ul>	<p>4D:</p> <ul style="list-style-type: none"> <li>– height adjustment 75 mm,</li> <li>– side movement of the armrests 60 mm,</li> <li>– forward/backward movement of the pad 60 mm,</li> <li>– pad rotation <math>\pm 15^\circ</math></li> </ul>	Z-body
	R30/4D	<p>Armrest structure:</p> <ul style="list-style-type: none"> <li>– black glass fiber reinforced polyamide (PA + GF)</li> </ul> <p>Armrest pads:</p> <ul style="list-style-type: none"> <li>– black polyurethane (PU)</li> </ul>	<p>4D:</p> <ul style="list-style-type: none"> <li>– height adjustment 75 mm,</li> <li>– side movement of the armrests 60 mm,</li> <li>– forward/backward movement of the pad 60 mm,</li> <li>– pad rotation <math>\pm 15^\circ</math></li> </ul>	Z-body

# Armrests

## FIXED ARMRESTS – ARMCHAIRS


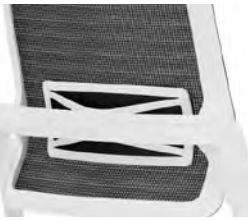






Picture	Code	Material	Adjustment	Applicable to following models:
	GTP-CR/PU GTP-BL/PU GTP-CR/LT GTP-BL/LT	Armrest structure: – steel chromium plated Armrest pads: – black polyurethane (PU) or upholstered in leather	No adjustment	Tiger UP
	PF36-CR-xx	Armrest structure: – steel chromium plated Armrest pads: – upholstered	No adjustment	Sonata Lux Sonata Lux 24/7 Sonata XXL Lux
	PF14-CR-xx	Armrest structure: – steel chromium plated Armrest pads: – upholstered	No adjustment	Artus
	PF17-CR-xx	Armrest structure: – steel chromium plated Armrest pads: – upholstered	No adjustment	Linea
	PF40-CR	Armrest structure: – steel chromium plated Armrest pads: – black polypropylene (PP)	No adjustment	Lynx
	PF6	Armrest structure: – black polyurethane (PU)	No adjustment	Manager Nadir

## FIXED ARMRESTS – ARMCHAIRS

Picture	Code	Material	Adjustment	Applicable to following models:
	PF18	Armrest structure: – black polypropylene (PP)	No adjustment	Manager KD
	PF31-CR-xx	Armrest structure: – steel chromium plated Armrest pads: – upholstered	No adjustment	Mirage
	PF12	Armrest structure: – black polyurethane (PU)	No adjustment	Mirage
	PF5-ALU-xx PF5-CR-xx	Armrest structure: – steel powder-coated in White aluminium RAL 9006 colour or chromium plated Armrest pads: – upholstered	No adjustment	Nova Orion
	PF27-CR-xx	Armrest structure: – steel chromium plated Armrest pads: – upholstered	No adjustment	Nadir




# Lumbar support

Picture	Code	Description	Adjustment	Applicable to following models:
	LSD2	Attached to backrest supporting element, made of plastic	Manual: – depth adjustment by knob in range of 20 mm	Xilium (applicable to upholstered backrest with plastic cover UPH/P)
	LXD2	Attached to backrest supporting element, made of plastic	Manual: – depth adjustment by knob in range of 20 mm	Xilium (applicable to mesh backrest MESH)
	LUD2	Upholstered black cushion with plastic cover	Manual: – depth in range of 20 mm	Xenium (mesh backrest)
	LSD2	Integrated with upholstered backrest (Schukra mechanism)	Manual: – depth in range of 25 mm	Xenium (upholstered backrest)
	LND2	Integrated with upholstered backrest	Pneumatic: – depth in range of 30 mm	Xenium (upholstered backrest)
	LDA	Integrated with upholstered backrest (Schukra mechanism)	Manual: – height in range of 70 mm, – depth in range of 15 mm	Sail UPH (upholstered backrest)
	LDA	Black plastic	Manual: – height in range of 70 mm, – depth in range of 15 mm	Sail MESH (mesh backrest)
		Outer part made of black plastic, inner part upholstered in black leather	Manual: – height in range of 80 mm, – depth in range of 10 mm	Mojito

# Lumbar support

Picture	Code	Description	Adjustment	Applicable to following models:
	LSH2	Integrated with upholstered backrest, sliding element made of polypropylene (PP)	Manual: – height in range of 70 mm	Denuo (upholstered backrest)
	LUH2	Attached to backrest frame, made of polypropylene (PP)	Manual: – height in range of 60 mm	Denuo (mesh backrest)
	AS	AirShape System, integrated with upholstered backrest, consisting of 4 air chambers	Manual: – depth, individual adjustment to user's needs	Tiger UP
	LDA	Integrated with upholstered backrest (Schukra mechanism)	Manual: – depth in range of 30 mm	GLOBEline (upholstered backrest)
	LUH2	Two-part black plastic element with magnets	Magnetic: – height, entire length of backrest	GLOBEline (mesh backrest)
	LSD2	Integrated with upholstered backrest (Schukra mechanism)	Manual: – depth in range of 15 mm	SO-one
	LSD2	Integrated with upholstered backrest (Schukra mechanism)	Manual: – depth in range of 20 mm	Viden Viden PRO
	LSD2	Integrated with upholstered backrest (Schukra mechanism)	Manual: – depth in range of 20 mm	Bjarg

# Lumbar support






Picture	Code	Description	Adjustment	Applicable to following models:
	LU2	Attached to backrest frame, made of plastic	Manual: – height in range of 53 mm	4ME (mesh backrest)
	LS2	Integrated with upholstered backrest (Schukra mechanism)	Manual: – depth in range of 20 mm	4ME (upholstered backrest)
	LN2	Integrated with upholstered backrest	Pneumatic: – depth in range of 20 mm	Navigo (upholstered backrest)
	LU2	Upholstered black cushion	Manual: – height in range of 70 mm	Navigo (mesh backrest)
	LU2-BL LU2-CR	Lumbar support steel element powder-coated in black colour or chromium plated with black upholstered cushion	Manual: – height in range of 70 mm	Intrata O-13 Intrata O-14 Intrata M-23 Intrata M-24
		Integrated with backrest cover	Manual: – height in range of 55 mm	Intrata M-21 Intrata M-22
	LP2	Attached to backrest frame, made of black plastic	Manual: – height in range of 100 mm	@-Motion

# Lumbar support





Picture	Code	Description	Adjustment	Applicable to following models:
	LU2	Upholstered black cushion	Manual: – depth in range of 10 mm	Z-body
	LU	Attached to backrest frame, made of black plastic	Manual: – height in range of 50 mm	Taktik Mesh Taktik Plus
	LU	Integrated with mesh backrest, made of black plastic	Manual: – height in range of 60 mm	Sit.Net
	LU	Upholstered cushion	Manual: – height in range of 50 mm	Neo

# Mechanisms

## SYNCHRONOUS MECHANISMS






Picture	Code	Description	Applicable to following models:
	SY1-ST	<p>SY1-ST synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt synchronized with the seat tilt at rate 2,5:1,</li> <li>– backrest tilt angle of 30 °,</li> <li>– backrest multi-lock in 5 positions,</li> <li>– backrest tilt force adjustment with a crank to user's weight in range of 45–150 kg,</li> <li>– seat depth adjustment 100 mm plus 20 mm resulting from backrest height adjustment,</li> <li>– negative seat inclination in range of 0–3 ° as an option (SYN1-ST),</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Xilium
	SI-ST	<p>SI-ST advanced synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– integrated with seat, adjustment by pull buttons and knob,</li> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt synchronized with the seat tilt at rate 2.5:1,</li> <li>– backrest tilt angle 30 °,</li> <li>– backrest multi-lock in 5 positions,</li> <li>– backrest tilt force adjustment with a knob to user's weight in range of 45–150 kg,</li> <li>– seat depth adjustment 100 mm plus 20 mm resulting from backrest height adjustment,</li> <li>– negative seat inclination in range of 0–5 ° as an option (SIN-ST), equipped with a safety feature – function is unlocked by user when pressing front edge of seat,</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Xilium
	SA1-ST	<p>SA1-ST synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt angle 20 °,</li> <li>– seat tilt angle 6 °,</li> <li>– backrest multi-lock in 4 positions,</li> <li>– automatic backrest tilt force adjustment to user's weight in range of 45–150 kg, fine tuning,</li> <li>– seat depth adjustment 100 mm plus 20 mm resulting from backrest height adjustment,</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift</li> </ul>	Xilium
	TILT2	<p>TILT2 tilt mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating backrest and seat,</li> <li>– opening tilt angle 12.5 °,</li> <li>– forward tilting angle 1.5 °,</li> <li>– backrest lock in working position,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Xilium Counter
	ES EST EFT	<p>ES synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt synchronised with the seat tilt at rate 2:1,</li> <li>– backrest tilt angle of 20 ° synchronised with the seat tilt angle of 11 °,</li> <li>– seat and backrest multi-lock in 5 positions,</li> <li>– backrest tilt force adjustment with a knob,</li> <li>– UP&amp;DOWN backrest height adjustment (depending on the connector used),</li> <li>– seat depth adjustment 60 mm – as an option (EST),</li> <li>– seat depth adjustment 60 mm, negative seat inclination of 5 ° – as an option (EFT),</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of the chair with pneumatic gas lift.</li> </ul>	Chester (ES) Neo (ES) Orlando Orlando HB Orlando UP Sit.Net (ES, EST) Sonata Lux (ES) Z-body

## SYNCHRONOUS MECHANISMS

Picture	Code	Description	Applicable to following models:
	FS FST	<p>FS synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt angle of 20° synchronised with the seat tilt angle of 11°,</li> <li>– seat and backrest multi-lock in 5 positions,</li> <li>– backrest tilt force adjustment with a knob,</li> <li>– UP&amp;DOWN backrest height adjustment (depending on the connector used),*</li> <li>– seat depth adjustment 50 mm-as an option (FST),</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul> <p>* No possibility of backrest height adjustment in mesh backrest chairs</p>	<p>@-Motion @-Motion Plus @-Motion U @-Sense Antero Be-All Bjarg Bizzi Garta Giulietta Intrata M Intrata O Navigo Navigo Neos Pop Counter (FS) Officer-Net Offix Plus Viden Vosto (FS)</p>
	ER ERT ERTN	<p>ER mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt angle of 23° synchronized with the seat tilt angle of 10°,</li> <li>– backrest multi-lock in 5 positions,</li> <li>– backrest tilt force adjustment in 7 positions with a knob placed on the right side of seat,</li> <li>– seat depth adjustment 60 mm, multi-lock in 6 positions – as an option (ERT),</li> <li>– negative seat inclination of 2°, synchronously tilting with the backrest at 5°, which guarantees optimal support for the user's back at each tilted position of the chair – as an option (ERTN),</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Bjarg
	EAST	<p>EAST mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – backrest tilt,</li> <li>– backrest tilt angle in range of – 10° up to + 25°,</li> <li>– seat tilt angle in range of – 5° up to + 5°,</li> <li>– seat depth adjustment 60 mm,</li> <li>– backrest multi-lock in 5 positions,</li> <li>– backrest tilt force adjustment with a crank placed under the seat,</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Bjarg
	ESP ESPT ESPTN	<p>ESP synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt synchronised with the seat tilt at rate 2:1,</li> <li>– backrest tilt angle of 22° synchronised with the seat tilt angle of 11°,</li> <li>– seat and backrest multi-lock in 5 positions,</li> <li>– backrest tilt force adjustment with a knob,</li> <li>– UP&amp;DOWN backrest height adjustment (depending on the connector used),</li> <li>– seat depth adjustment 60 mm – as an option (ESPT),</li> <li>– seat depth adjustment 60 mm, negative seat inclination of 2° – as an option (ESPTN),</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	<p>@-Motion @-Motion Plus @-Motion U 4ME Intrata M Intrata O Orlando UP 24/7(ESPT) Orlando UP XXL (ESPT) Z-body</p>

# Mechanisms

## SYNCHRONOUS MECHANISMS

Picture	Code	Description	Applicable to following models:
	LP11 LP11T LP11TN	<p>LP11 synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt angle of 23° synchronised with the seat tilt angle of 11°,</li> <li>– backrest multi-lock in 5 positions,</li> <li>– backrest tilt force adjustment with a knob placed on right side of the seat,</li> <li>– UP&amp; DOWN backrest height adjustment (depending on the connector used),</li> <li>– seat depth adjustment 60 mm,</li> <li>– multi-lock in 6 positions – as an option (LP11T),</li> <li>– seat depth adjustment 60 mm, negative seat inclination of 3°, synchronously tilting with the backrest at 6°, which guarantees optimal support for the user's back at each tilted, position of the chair – as an option (LP11TN),</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift</li> </ul>	@-Sense Navigo SO-one Viden
	LP11-ST LP11N-ST	<p>LP11-ST synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt angle of 22° synchronised with the seat tilt angle of 11°,</li> <li>– backrest multi-lock in 5 positions,</li> <li>– backrest tilt force adjustment with a knob placed on right side of the seat,</li> <li>– seat depth adjustment 80 mm function integrated with seat,</li> <li>– negative seat inclination of 3°, synchronously tilting with the backrest at 6°, which guarantees optimal support for the user's back at each tilted position of the chair-as an option (LP11N-ST),</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift</li> </ul>	Viden PRO
	GLOBE-line C4/BOCK	<p>GLOBEline synchronous mechanism – functions (SY):</p> <ul style="list-style-type: none"> <li>– backrest tilt synchronised with the seat tilt at rate 3:1,</li> <li>– backrest tilt angle of 21° synchronised with the seat tilt angle of 7°,</li> <li>– backrest multi-lock in 3 positions,</li> <li>– backrest tilt force adjustment – 2 turns fast adjustment,</li> <li>– seat depth adjustment 50 mm – as an option (SY-SDA),</li> <li>– seat depth adjustment and negative seat inclination in range of 0–3° – as an option (SY-SDA-DGA),</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	GLOBEline
	REVO	<p>REVO synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt synchronised with the seat tilt at rate 2:1,</li> <li>– backrest tilt angle of 21° synchronised with the,</li> <li>– seat tilt angle of 10°</li> <li>– backrest multi-lock in 5 positions,</li> <li>– backrest tilt force adjustment with a crank,</li> <li>– seat depth adjustment 65 mm – as an option (M1T),</li> <li>– seat depth adjustment and negative seat inclination in range of 5° as an option (M1TS),</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Mojito
	SY C12/BOCK	<p>SY C12/BOCK synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– backrest tilt synchronised with seat tilt at rate 3.8:1,</li> <li>– backrest tilt angle of 23° synchronised with the seat tilt angle of 6°,</li> <li>– backrest multi-lock in 4 positions, travel limiter,</li> <li>– backrest tilt force adjustment – 2 turns fast adjustment,</li> <li>– seat depth adjustment 50 mm – as an option (SDA),</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Sail UPH Sail MESH








## SYNCHRONOUS MECHANISMS

Picture	Code	Description	Applicable to following models:
	SC C10/BOCK	<p>SC C10/BOCK synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– backrest tilt synchronised with seat tilt at rate 2.6:1</li> <li>– backrest tilt angle in range of 31° synchronised with the seat tilt angle in range of 12°,</li> <li>– backrest multi-lock in 4 positions,</li> <li>– backrest tilt force adjustment – 2 turns fast adjustment,</li> <li>– seat depth adjustment 50 mm – as an option (SDA),</li> <li>– negative seat inclination in range of 0–4°,</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Sail UPH Sail MESH
	SA C23/BOCK	<p>SA C23/BOCK synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– backrest tilt synchronised with the seat tilt at rate 3.4:1,</li> <li>– backrest tilt angle of 20,5° synchronised with the seat tilt angle of 6°,</li> <li>– individual adjustment of backrest tilt force, backrest multi-lock in 4 positions (travel limiter),</li> <li>– automatic backrest tilt force adjustment to user's weight – 8 turns, fine tuning,</li> <li>– seat depth adjustment: multi-lock in 6 positions = 50 mm (as an option)</li> <li>– smooth height adjustment</li> </ul>	Sail UPH, Sail MESH
	LP33-ST LP33N-ST	<p>LP33-ST synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt angle in range of 23° synchronised with the seat tilt angle in range of 11°,</li> <li>– backrest multi-lock in 5 positions, seat multi-lock in 4 positions,</li> <li>– backrest tilt force adjustment with a knob placed on right side of the seat,</li> <li>– seat depth adjustment 10 mm – function integrated with seat,</li> <li>– negative seat inclination in range of 3°, synchronously tilting with the backrest at 6°, which guarantees optimal support for the user's back at each tilted position of the chair – as an option (LP33N-ST),</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift</li> </ul>	Denuo
	ACTIV1	<p>ACTIV1 synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt synchronised with the seat tilt at rate 2:1,</li> <li>– synchronous backrest tilt angle in range of 19° and seat tilt angle in range of 8°,</li> <li>– seat and backrest multi-lock in 5 positions,</li> <li>– backrest tilt force adjustment with a knob,</li> <li>– UP&amp;DOWN backrest height adjustment,</li> <li>– seat depth adjustment 50 mm – as an option (ACTIVE1-TR),</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Master Taktik
	IM660	<p>IM660 synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt synchronised with the seat tilt at rate 2:1,</li> <li>– synchronous backrest tilt angle in range of 21° and seat tilt angle in range of 9°,</li> <li>– seat and backrest multi-lock in 5 positions,</li> <li>– backrest tilt force adjustment with a knob,</li> <li>– UP&amp;DOWN backrest height adjustment,</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Master





# Mechanisms



## SYNCHRONOUS MECHANISMS

Picture	Code	Description	Applicable to following models:
	MPD-165 SYNCRON	<p>MPD-165 SYNCRON synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt synchronised with the seat tilt at rate 2:1,</li> <li>– synchronous backrest tilt angle in range of 19° and seat tilt angle in range of 12°,</li> <li>– seat and backrest multi-lock in 5 positions,</li> <li>– backrest tilt force adjustment with a knob,</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Neo Neo-Lux
	ESP-ST ESPF-ST	<p>ESP-ST synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt synchronised with the seat tilt at rate 1.8:1</li> <li>– backrest tilt angle in range of 22° synchronised with the seat tilt angle in range of 11°,</li> <li>– backrest multi-lock in 5 positions,</li> <li>– backrest tilt force adjustment with a knob,</li> <li>– seat depth adjustment 100 mm,</li> <li>– negative seat inclination from 0° to 4° – as an option (ESPF-ST),</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Xenium
	DNP-ST DNPH-ST	<p>DNP-ST synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – synchronous backrest and seat tilt,</li> <li>– backrest tilt synchronised with the seat tilt at rate 2.9:1,</li> <li>– backrest tilt angle in range of 30° synchronised with the seat tilt angle in range of 10°,</li> <li>– backrest multi-lock in 10 positions,</li> <li>– backrest tilt force adjustment with a knob,</li> <li>– backrest tilt force adjustment for user's weight 85–150 kg – as an option (DNPH-ST),</li> <li>– seat depth adjustment 100 mm,</li> <li>– negative seat inclination in range of 0–4°,</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Xenium
	TILT/AR TILT/AR/BD TILT/AR/BD	<p>TILT AR/BD mechanism – functions:</p> <ul style="list-style-type: none"> <li>– tilting of integrated seat and backrest in the range of 11° (free-floating),</li> <li>– TILT/AR, TILT/AR/BD – smooth height adjustment of chair with pneumatic gas lift,</li> <li>– TILT/AR/BD – no height adjustment of chair.</li> </ul>	2ME (TILT/AR, TILT/AR/BD) Xenium X-Cross (TILT/AR/BD)
	IND-ST	<p>IND-ST synchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– backrest tilt synchronised with the seat tilt at rate 3.3:1</li> <li>– backrest tilt angle in range of 20° synchronised with the seat tilt angle in range of 6°,</li> <li>– backrest multi-lock in 4 positions,</li> <li>– automatic backrest tilt force adjustment to user weight, fine tuning,</li> <li>– seat depth adjustment 100 mm,</li> <li>– negative seat inclination in range of 0° to 5°,</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Xenium

## GLIDE-TEC MECHANISMS

Picture	Code	Description	Used in the following models:
	GT GLIDE-TEC	GT GLIDE-TEC mechanism – functions: – free-floating – synchronous backrest and seat tilt, – backrest tilt angle of 18°, – backrest multi-lock in 4 positions, travel limiter, – backrest tilt force adjustment 3.5 turns fast adjustment, – seat depth adjustment 60 mm-as an option (SDA), – smooth height adjustment of chair with pneumatic gas lift.	Sail UPH Sail MESH (not available for version Sail Conference UPH and MESH)
	TIGER UP GT GLIDE-TEC	TIGER GT GLIDE-TEC/TIGER UP GT GLIDE TEC mechanism – functions: – backrest tilt angle 25°, – backrest block at upright position, – automatic weight adjustment + 2 steps-adjustment of backrest tilt force, – smooth height adjustment of chair with pneumatic gas lift.	Tiger UP

## SELF-TENSION MECHANISMS


Picture	Code	Description	Used in the following models:
	SFB1 SFT1	SFB1 self-tension mechanism with automatic weight adjustment – functions: – free-floating – synchronous backrest and seat tilt, – backrest tilt angle of 18°, – seat tilt angle of 4.5°, – seat and backrest multi-lock in 5 positions, – UP&DOWN backrest height adjustment (depending on the connector used), – seat depth adjustment 50 mm – as an option (SFT1), – automatic backrest tilt force adjustment to the user weight in range of 50 kg to 110 kg, – Anti-Shock – a feature that controls chair backrest to avoid hitting user's back, after releasing the lock, – smooth height adjustment of chair with pneumatic gas lift.	4ME Navigo
	SFB1.SMV SFT1.SMV	SFB1.SMV self-tension mechanism with automatic weight adjustment and S-MOVE system – functions: – free-floating – synchronous backrest and seat tilt, – backrest tilt angle of 18° synchronised with seat tilt angle of 4.5°, – seat and backrest multi-lock in 5 positions, – automatic backrest tilt force adjustment to the user weight (in range of 50 kg to 110 kg), – seat depth adjustment 50 mm – as an option (SFT1.SMV), – S-MOVE system – dynamic seat movement in 4 directions, – Anti-Shock – a feature that controls chair backrest to avoid hitting user's back, after releasing the lock, – smooth height adjustment of chair with pneumatic gas lift.	4ME

# Mechanisms



## PERMANENT CONTACT MECHANISMS

Picture	Code	Description	Used in the following models:
	ERGON-2L	Ergon-2L permanent contact mechanism – functions: – backrest tilt angle in range of – 3° up to + 20°, – backrest multi-lock – backrest height adjustment with a knob, – smooth height adjustment of chair with pneumatic gas lift	I-line Punkt Taktik
	ERGON-UP	Ergon-UP permanent contact mechanism – functions: – backrest tilt angle in range of – 3° up to + 20°, – backrest multi-lock, – UP&DOWN backrest height adjustment, – smooth height adjustment of chair with pneumatic gas lift.	Labo Taktik
	CPT	CPT permanent contact mechanism – functions: – backrest tilt angle in range of – 17° up to + 6°, – backrest multi-lock, – backrest height adjustment with a knob, – seat depth adjustment with a knob, – smooth height adjustment of chair with pneumatic gas lift.	Jupiter(CPT) Master(CPA) Nargo (CPT) Pegaz (CPW) Prestige (CPW) Saturn (CPT) Smart (CPW) Smart White (CPW-W) Webst@r(CPA)
	CPA		
	CPW		
	CPW-W		

## ASYNCHRONOUS MECHANISMS









Picture	Code	Description	Used in the following models:
	SYNCRIO-BRA	<p>SYNCRIOBRA asynchronous mechanism – functions:</p> <ul style="list-style-type: none"> <li>– free-floating – backrest tilt,</li> <li>– backrest and seat independent lock,</li> <li>– backrest tilt angle in range of <math>-10^{\circ}</math> up to <math>+20^{\circ}</math>,</li> <li>– seat tilt angle in range of <math>-3^{\circ}</math> up to <math>+10^{\circ}</math>,</li> <li>– UP&amp;DOWN backrest height adjustment,</li> <li>– backrest tilt force adjustment with a knob,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Labo Offix

## TILT MECHANISMS (ARMCHAIR MECHANISMS)








Picture	Code	Description	Used in the following models:
	TILT/C	<p>TILT mechanism – functions:</p> <ul style="list-style-type: none"> <li>– tilting of integrated seat and backrest in the range of <math>13^{\circ}</math> (free-floating),</li> <li>– seat and backrest lock in one position,</li> <li>– backrest tilt force adjustment with a knob,</li> <li>– smooth height adjustment of chair with pneumatic gas lift.</li> </ul>	Manager Mirage Nadir
	MULTI-BLOCK MPD170 MPD165/78	<p>MULTIBLOCK MPD-170, MPD-165/78 mechanisms – functions:</p> <ul style="list-style-type: none"> <li>– tilting of integrated seat and backrest in the range of <math>16^{\circ}</math> (free-floating),</li> <li>– seat and backrest multi-lock in 5 positions,</li> <li>– backrest tilt force adjustment with a knob,</li> <li>– Anti-Shock – a feature that controls chair backrest to avoid hitting user's back, after releasing the lock,</li> <li>– smooth height adjustment of chair with pneumatic gas lift,</li> <li>– MPD-165/78 mechanism has the same features as MPD-170 with exception of harder spring.</li> </ul>	Artus (MPD170) Linea (MPD170) Lynx (MPD170) Nova (MPD170) Orion (MPD170) Sonata 24/7 (MPD165/78) Sonata Lux (MPD170) Sonata XXL (MPD165/78)

# Bases

## ALUMINIUM AND STEEL BASES






Picture	Code	Description	Applicable to following models:
	ST56-POL ST56-BL	Ø 700 mm five-star base polished aluminium with chrome effect Ø 735 mm five-star base aluminium powder-coated in Jet black RAL 9005 colour	Giulietta Xilium
	ST53-POL	Ø 740 four-star base polished aluminium with chrome effect	2ME
	ST54-POL ST54-BL	Ø 740 four-star base polished aluminium with chrome effect Ø 740 four-star base aluminium powder-coated in Jet black RAL 9005 colour	Xenium X-Cross
	ST-POL	Ø 660 five-star base polished aluminium with chrome effect	Tiger UP
	ST01-CR ST01-ALU	Ø 655 five-star base steel chromium plated Ø 655 five-star base steel powder-coated in White aluminium RAL 9006 colour	Master ACTIV1 Master CPA Smart (ST01-CR) Worker (ST01-CR)
	ST26-BL	Ø 675 five-star base steel powder-coated in Jet black RAL 9005 colour	Nargo Werek
	ST32-ALU (X) ST32-POL (Z)	Ø 682 five-star base aluminium powder-coated in White aluminium RAL 9006 colour with protective plastic inlays Ø 682 five-star base polished aluminium with chrome effect with protective plastic inlays	Mojito
	ST33-POL	Ø 682 five-star base polished aluminium with chrome effect	@-Motion

## ALUMINIUM AND STEEL BASES







Picture	Code	Description	Applicable to following models:
	ST02-CR ST02-ALU	Ø 685 five-star base steel chromium plated Ø 685 five-star base steel powder-coated in White aluminium RAL 9006 colour	Master IM660 Manager KD (ST02-CR) Mirage (ST02-CR) Nadir (ST02-CR) Nargo 24/7 (ST02-CR) Neo Smart RB (ST02-CR)
	ST52-POL ST52-BL	Ø 687 five-star base polished aluminium with chrome effect Ø 687 five-star base aluminium powder-coated in Jet black RAL 9005 colour	Xenium X-Cross
	ST43-POL	Ø 696 five-star base polished aluminium with chrome effect	Lynx Lynx LB
	ST-BL ST-WA ST-POL	Ø 700 five-star base aluminium powder-coated in Jet black RAL 9005 colour Ø 700 five-star base aluminium powder-coated in White aluminium RAL 9006 colour Ø 700 five-star base polished aluminium with chrome effect	GLOBEline Sail UPH Sail MESH
	ST04-ALU	Ø 700 five-star base aluminium powder-coated in White aluminium RAL 9006 colour	Neo-Lux Nova Orion
	ST04-POL	Ø 700 five-star base polished aluminium with chrome effect	Artus Linea Neo-Lux Nova Orion
	ST28-POL	Ø 700 five-star base polished aluminium with chrome effect	Chester Orlando Orlando HB Orlando UP Sonata Lux

# Bases

## ALUMINIUM AND STEEL BASES

Picture	Code	Description	Applicable to following models:
	ST44-POL	Ø 700 five-star base polished aluminium with chrome effect	2ME 4ME Antero Be-All Bizzi Bjarg Garta Intrata M Intrata O Navigo Neos Pop Sit.Net SO-one Viden Xilium Counter Z-Body Vosto
	ST44-ALU ST44-WA ST44-BL	Ø 700 five-star base aluminium powder-coated in White aluminium RAL 9006 colour Ø 700 five-star base aluminium powder-coated in White aluminium RAL 9006 colour Ø 700 five-star base aluminium powder-coated in Jet black RAL 9005 colour	2ME (WA) 4ME (WA) Intrata M (ALU) Intrata O (ALU) Navigo (ALU) Xilium Counter (BL)
	ST61-POL/BL	Ø 711 five-star base polished aluminium with chrome effect and partially powder-coated in Jet black RAL 9005 colour underneath	Bjarg Viden PRO
	ST17-POL	Ø 725 five-star base polished aluminium with chrome effect	Orlando UP 24/7 Orlando UP XXL Sonata 24/7 Sonata XXL
	ST55-POL ST55-BL	Ø 760 five-star base polished aluminium with chrome effect Ø 760 five-star base aluminium powder-coated in Jet black RAL 9005 colour	Denuo Xenium





## PLASTIC BASES

Picture	Code	Description	Used in the following models:
	TS30 TS30-W	Ø 735 mm five-star base black polyamide (PA) Ø 735 mm five-star base white polyamide (PA)	Giulietta (only TS30) Xilium
	TS02	Ø 645 five-star base black glass fiber reinforced polyamide (PA + GF)	Goliat Jupiter Labo Master ACTIV1 Master CPA Pegaz Punkt Saturn Senior Smart Smart RB Webst@r Worker
	TS02-K32	Ø 645 five-star base white glass fiber reinforced polyamide (PA + GF)	Smart White
	TS	Ø 660 five-star base black glass fiber reinforced polyamide (PA + GF)	Tiger UP
	TS18	Ø 682 five-star base black glass fiber reinforced polyamide (PA + GF)	Mojito
	TS28	Ø 687 five-star base black polyamide (PA)	Xenium X-Cross





# Bases







## PLASTIC BASES

Picture	Code	Description	Used in the following models:
	TS	Ø 700 five-star base black glass fiber reinforced polyamide (PA + GF)	GLOBEline Sail UPH Sail MESH
	TS25	Ø 710 five-star base black glass fiber reinforced polyamide (PA + GF)	@-Motion @-Sense 2ME 4ME Antero Be-All Bizzi Bjarg Garta I-line Intrata M Intrata O Navigo Navigo Counter Neos Officer-Net Offix Offix Plus Pop Sit.Net SO-one Taktik Taktik Mesh Taktik Plus Viden Xilium Z-body Vosto
	TS25-W	Ø 710 five-star base white glass fiber reinforced polyamide (PA + GF)	@-Sense 2ME 4ME Be-All Garta Navigo Navigo Counter Neos Xilium
	TS34	Ø 711 five-star base black polyamide (PA)	Bjarg Viden PRO





PLASTIC BASES

Picture	Code	Description	Used in the following models:
	TS06	Ø 715 five-star base black glass fiber reinforced polyamide (PA + GF)	Labo Manager Manager KD Master IM660 Mirage Nadir Nargo Neo
	TS29 TS29-W TS29-G	Ø 760 five-star base black polyamide (PA) Ø 760 five-star base white polyamide (PA) Ø 760 five-star base light grey polyamide (PA)	Denuo Xenium (TS29, TS29-W)

# Castors







Picture	Code	Description	Applicable to following models:
	ESH	Ø 65 mm self-braking castors for soft floors	@-Motion @-Sense 2ME 4ME Antero Chester Denuo Enjoy Garta Giulietta GLOBEline Intrata Lynx Navigo Neos Officer-Net Orlando 24/7 Orlando XXL Pop Sail Sit.Net Sonata SO-one Tiger UP Viden Viden PRO Xenium Xilium Z-body Vosto
	ESHH	Ø 65 mm self-braking castors for hard floors	
	ESH60	Ø 60 mm self-braking castors for soft floors	Bjarg
	ESHH60	Ø 60 mm self-braking castors for hard floors	
	ESH-G	Ø 65 mm self-braking castors in grey colour for soft floors	Denuo
	ESHH-G	Ø 65 mm self-braking castors in grey colour for hard floors	

# Castors

Picture	Code	Description	Applicable to following models:
	SH	Ø 50 mm self-braking castors for soft floors	@-Sense Antero Artus Be-All Bizzi Garta Goliat I-line Intrata Jupiter Labo Linea Manager Master Mirage Nadir Nargo Neo Neo-Lux Nova Offix Offix Plus Orion Orlando Orlando HB Orlando UP Pegaz Prestige Punkt Saturn Smart Taktik Webst@r Werek Z-body
	SHH	Ø 50 mm self-braking castors for hard floors	
	ESHR	Ø 65 mm ring self-braking castors for soft floors	
	ESHHR	Ø 65 mm ring self-braking castors for hard floors	

2ME  
4ME

# Castors

Picture	Code	Description	Applicable to following models:
	K1	Ø 65 mm self-braking castors for soft floors	Mojito
	K1F	Ø 65 mm self-braking castors for hard floors	
	KSH	Ø 50 mm load-brake castors for soft floors	Intrata O RB Navigo Counter Xilium Counter
	KSHH	Ø 50 mm load-brake castors for hard floors	
	RMH	Ø 37 mm self-braking mini-rolls for soft floors	2ME Intrata V Xilium
	RMHH	Ø 37 mm self-braking mini-rolls for hard floors	