

Xenium

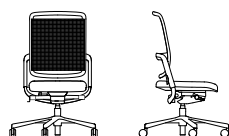
Technical description

1. Dimensions/Weight

1.1. Office swivel chairs



**XENIUM SWIVEL CHAIR
UPH/P**



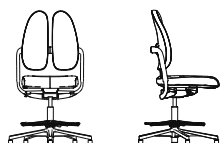
XENIUM SWIVEL CHAIR MESH



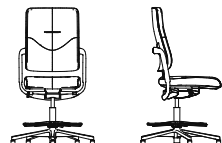
XENIUM SWIVEL CHAIR DUO-BACK



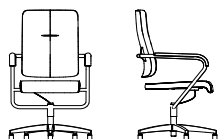
**XENIUM SWIVEL CHAIR ANTISTATIC
DUO-BACK**



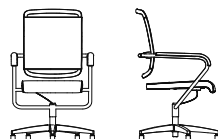
**XENIUM COUNTER SWIVEL CHAIR
DUO-BACK**



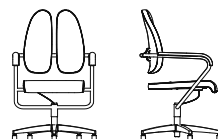
**XENIUM COUNTER SWIVEL CHAIR
UPH/P**



**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

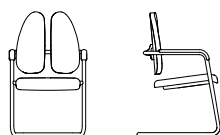
Z – Armrest height
Y – Armrest length

X – Armrest width
W – Internal width between armrests

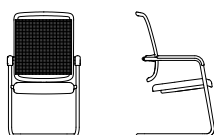
V – External width between armrests

Technical description

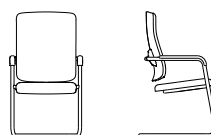
1.2. Frame chairs



**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/m³.

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/m³. 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/m³.

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/m³ 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/m³.

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.

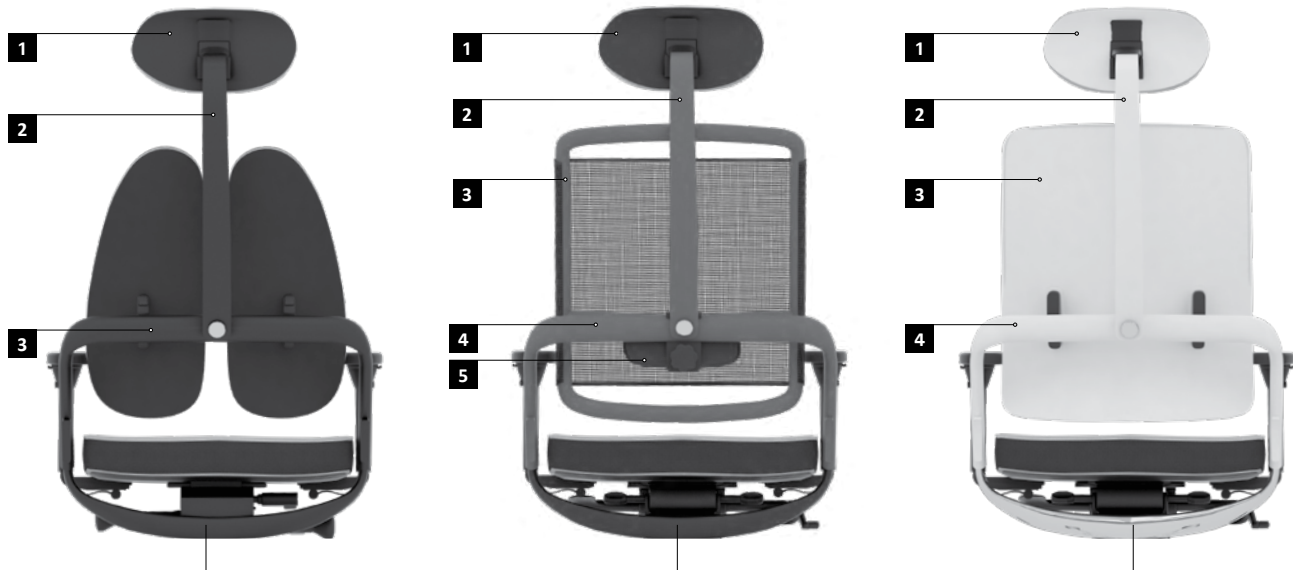
NPR 1813.

„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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