

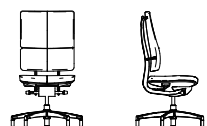
Sail

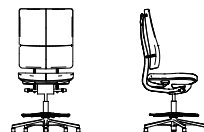
Technical description

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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

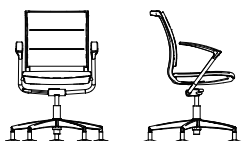
K – Base width

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



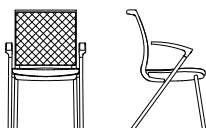
Armrest	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
	220	305	50	495	593	-

Z – Armrest height
Y – Armrest length

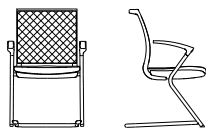
X – Armrest width
W – Internal width between armrests

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/m³ ± 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/m³ ± 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/m³ ± 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/m³ ± 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/m³ ± 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/m³ ± 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

Omega Ekspres SIA

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