

ProX

Design Martin Ballendat

Technical Sheet

Technical description

NowyStyl

1. Dimensions / Weight



PROX SWIVEL CHAIR MESH

Model	Dimensions (mm)										Weight (kg)
	A	B	C	D	E	F	G	H	J	L	
PROX SWIVEL CHAIR MESH SA3-IN TS38	400÷535	390÷460	490	490	1040÷1180	550	655	620	Ø 735	670÷740	14,3
PROX SWIVEL CHAIR MESH SA3-ST ST65	400÷535	390÷460	490	490	1040÷1180	550	655	620	Ø 735	670÷740	14,5
PROX SWIVEL CHAIR MESH ER-IN TS38	400÷535	390÷460	490	490	1040÷1180	550	655	620	Ø 735	685÷755	14,6
PROX SWIVEL CHAIR MESH ER-IN ST65	400÷535	390÷460	490	490	1040÷1180	550	655	620	Ø 735	685÷755	14,8
PROX SWIVEL CHAIR MESH ERN-IN TS38	400÷535	390÷460	490	490	1040÷1180	550	655	620	Ø 735	685÷755	14,8
PROX SWIVEL CHAIR MESH ERN-IN ST65	400÷535	390÷460	490	490	1040÷1180	550	655	620	Ø 735	685÷755	15,0

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	
4D	195÷295	234	85	410÷510	580÷680	2,2

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 735 mm five-star black polyamide (TS38),
- Ø 735 mm five-star light grey polyamide (TS38-G),
- Ø 735 mm five-star polished aluminium (ST65-POL).

2.2. Castors

Ø 60 mm black plastic self-braking castors for soft floors (CA-B) as standard or hard floors (CAH-B) as an option.

Ø 60 mm light grey plastic self-braking castors for soft floors (CA-G) or for hard floors (CAH-G), both as an option.

2.3. Mechanisms

SA3-IN self-tension synchronous mechanism

- functions:
- integrated with seat plate,
- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 20° synchronised with seat tilt angle of 6.5°,
- backrest multi-lock in 4 positions,
- automatic backrest tilt force adjustment to user's weight with the possibility of additional adjustment by knob under seat,
- seat depth adjustment 70 mm, possible seat multi-lock in 8 positions,
- 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-IN synchronous mechanism – functions:

- integrated with seat plate,
- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 23° synchronised with seat tilt angle of 10°,
- backrest multi-lock in 5 positions,
- backrest tilt force adjustment in 7 positions by knob placed on the right side of seat,
- seat depth adjustment 70 mm, possible seat multi-lock in 8 positions,
- forward tilting function of seat (negative angle) 2° synchronised with 5° backrest inclination, which guarantees optimal support for the user's back in any reclining position – as an option (ERN-IN),
- 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

2.4.1. Seat

Upholstered seat – structure made of glass fiber reinforced polypropylene (PP + GF), covered with injected foam, thickness 50 mm and density 72–76 kg/m³.

2.4.2. Backrest

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

Manual lumbar support – made of glass fiber reinforced polyamide (PA + GF) and polypropylene (PP) – colour matching backrest frame,

height adjustment in range of 85 mm and depth adjustment in range of 10 mm.

3. Armrests

4D armrests – armrest bar made of black or light grey glass fiber reinforced polyamide (PA + GF), armrest pad made of soft back or grey polyurethane.
Adjustment range of the armrests: height 105 mm, side movement of the armrests 25 mm, forward/backward movement of the pad 50 mm, inwards pad rotation of 20°.

4. Packaging

Partially assembled chair, compact cardboard packaging (dimensions suitable for courier delivery – PACK-A1), 1 pc. per box, 8 pcs on pallet – as standard. The cardboard contains elements:

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

Partially assembled chair, L-shape cardboard packaging (PACK-L) – 1 pc. per box.

Assembled chair, cardboard packaging (PACK-ASM) – 1 pc. per box, 4 pcs on pallet – as an option.

5. Technical regulations, approvals and quality marks (pending)

- TÜV Safety Certificate – GS mark 130 kg – norm EN 1335–1 (type A), EN 1335–2.