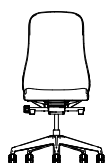


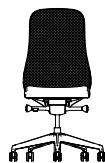
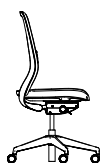
# Souly

# Technical description

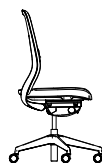
## 1. Dimensions / Weight



SOULY SWIVEL CHAIR UPH



SOULY SWIVEL CHAIR MESH



Model	Dimensions [mm]														Weight (kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
SOULY MESH TS36/ST64 SA2-ST ESH60/ESHH60	410-530	420-480	480	480	1020-1150	490	620	610	710	–	646	–	–	–	13,5 / 14,0
SOULY MESH TS36/ST64 ER-ST ESH60/ESHH60	420-540	420-480	480	480	1025-1155	490	620	600	710	–	646	–	–	–	12,3 / 12,8
SOULY MESH TS36/ST64 ERN-ST ESH60/ESHH60	420-540	420-480	480	480	1025-1155	490	620	600	710	–	646	–	–	–	12,3 / 12,8
SOULY UPH TS36/ST64 SA2-ST ESH60/ESHH60	410-530	410-470	480	480	1020-1150	490	620	610	710	–	646	–	–	–	13,8 / 14,3
SOULY UPH TS36/ST64 ER-ST ESH60/ESHH60	420-540	410-470	480	480	1025-1155	490	620	600	710	–	646	–	–	–	12,6 / 13,01
SOULY UPH TS36/ST64 ERN-ST ESH60/ESHH60	420-540	410-470	480	480	1025-1155	490	620	600	710	–	646	–	–	–	12,6 / 13,01
HEADREST HRUA3	–	–	–	–	–	–	–	–	–	–	–	120-220	250	150	0,7

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 (above the backrest)

M – Headrest width

N – Headrest height



Armrest	Dimensions [mm]					Weight (kg)
	Z	Y	X	W	V	
R70	200-280	230	90	445-515	620-690	3,3
R71	200-280	230	90	445-515	620-690	3,3

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 (TS36),
- Ø 710 mm five-star light grey polyamide (TS36-G),
- Ø 710 mm five-star polished aluminium with chrome effect (ST64-POL).

### 2.2. Castors

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

### 2.3. Mechanisms

#### SA2-ST synchronous mechanism – functions:

- free-floating – synchronous backrest and seat tilt,
- backrest tilt angle of 21° synchronised with seat tilt angle of 7° ,
- backrest multi-lock in 4 positions,
- automatic backrest tilt force adjustment to user's weight– 3 turns fast adjustment,
- seat depth adjustment 60 mm, multi-lock in 7 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-ST advanced synchronous mechanism

##### – functions:

- 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 with a knob placed on right side of the seat,
- seat depth adjustment 60 mm, multi-lock in 7 positions,
- negative seat inclination in range 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 (ERN-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

Upholstered seat – seat structure and cover made of polypropylene (PP) covered with injected foam, thickness 59 mm and density 55-60 kg / m<sup>3</sup>.

Pocket springs placed inside injected foam as an option (SE-SP).

Finishes not available: Kaiman, Rivet, Remix 3, Silvertex, Valencia

Upholstered seat with side drops – seat structure and cover made of polypropylene (PP) covered with injected foam, thickness 59 mm and density 55-60 kg / m<sup>3</sup>.

Side drops upholstered in the same type of fabric as seat as an option (SE-DE).

Pocket springs placed inside injected foam as an option (SE-SD-SP).

Only available in finishes: Kaiman, Rivet, Remix 3, Silvertex, Valencia

### Backrest

Upholstered backrest (UPH) – frame made of black or light grey glass fiber reinforced polyamide (PA + GF) with following layers inserted into frame grooves:

- supporting material – Runner 3D fabric (colour always matching frame colour: RN60999 for black frame and RN60165 for light grey frame),
- upholstery with cut foam, thickness 10 mm and density 25 kg / m<sup>3</sup>.

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

Two types of mesh available:

- MV – semi-transparent
- MC – 3D mesh

Manual lumbar support (LUH2) – made of black or light grey thermoplastic elastomer (TPE), with height adjustment in range of 55 mm. Lumbar support colour matches backrest frame finish.

### Headrest

Adjustable, upholstered headrest with cover (HRUA3).

Structure made of polypropylene (PP), covered with injected foam, thickness 50 mm, density 55-60 kg / m<sup>3</sup>. Headrest cover made of black or light grey polypropylene (PP).

Headrest supporting element made of black or light grey glass fiber reinforced polyamide (PA + GF).

Adjustment range:

- height adjustment 100 mm,
- lock in 11 positions,
- depth adjustment 20 mm,
- headrest pad rotation 70°.

Headrest cover and supporting element colour matches backrest frame finish.

## 3. Armrests

2-D armrests (R70) – armrest bar made of black glass fiber reinforced polyamide (PA + GF), structure made of black or light grey glass fiber reinforced polyamide (PA + GF), armrest pad made of black soft polyurethane (BPU).

Adjustment range of the armrests: height 80 mm, side movement of the armrests 70 mm.

3-D armrests (R71) – armrest bar made of black glass fiber reinforced polyamide (PA + GF), structure made of black or light grey glass fiber reinforced polyamide (PA + GF), armrest pad made of black soft polyurethane (BPU).

Adjustment range of the armrests:

- height 80 mm,
- side movement of the armrests 70 mm,
- forward / backward movement of the pad 70 mm and pad rotation 30° inward.

## 4. Packaging

Chair partially assembled, compact packaging suitable for being shipped by courier (PACK-A1)

– 1 piece per box, 8 pieces on pallet – as standard.

The box contains:

- seat with assembled mechanism and armrests,
- backrest,
- headrest (in version with headrest),
- base,
- castors,
- gas lift.

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

The box contains 3 elements:

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

Fully assembled chair (PACK-ASM) – 1 piece per box, 4 pieces on pallet – as an option.

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

- GS safety certificate,
- Ergonomics tested.

# Technical description

NowyStyl

## 6. Colour concept



- 1 Headrest cover
- 2 Headrest supporting element
- 3 Backrest frame

### Black version (CC-B) – elements in black:

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

### Options – elements in polished aluminium:

- base.



- 4 Lumbar support
- 5 Armrest structure
- 6 Base

### Light grey version (CC-G) – elementy w kolorze jasnoszarym:

- headrest cover and headrest supporting element,
- backrest frame,
- lumbar support,
- armrest structure,
- base.

### Options – elements in black:

- base,
  - armrest structure.
- Elements in polished aluminium:
- base.

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