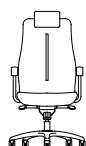


# Sonata XXL, Sonata 24/7

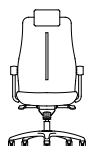
# Technical description



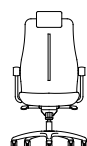
## 1. Dimensions/Weight



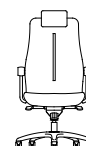
SONATA XXL HRU MPD165/78



SONATA XXL HRUA MPD165/78



SONATA 24/7 HRU MPD165/78



SONATA XXL 24/7 HRUA MPD165/78



Model	Dimensions (mm)														Weight (kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
SOANTA-24/7-HRU ST17 MPD165/78 ESH/ ESHH	410-505	500	480	540	1095-1190	500	730	680	725	—	660	80	225	195	24,50
SOANTA-XXL-HRU ST17 MPD165/78 ESH/ESHH	410-505	500	480	540	1095-1190	500	730	680	725	—	660	80	225	195	24,50
SOANTA-24/7-HRUA ST17 MPD165/78 ESH/ ESHH	410-505	500	480	540	1095-1190	500	730	680	725	—	660	80-140	225	195	24,50
SOANTA-XXL-HRUA ST17 MPD165/78 ESH/ ESHH	410-505	500	480	540	1095-1190	500	730	680	725	—	660	80-140	225	195	24,50

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 for MPD165/78



Armrests	Dimensions (mm)					Weight (kg)
	Z	Y	X	W	V	
PF36	255	250	60	530	650	2,5

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 725 mm five-star polished aluminium with chrome effect (ST17-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

#### MULTIBLOCK MPD-165/78 mechanism

##### – functions:

- tilting of integrated seat and backrest in the range of 16° (free-floating),
- seat and backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob,
- 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,
- harder spring.

### 2.4. Seat, backrest and headrest

Complete shell structure is made of 9-layer plywood, thickness 13.5 mm, covered with foam, thickness 9 mm, density 25 kg/m<sup>3</sup>.

#### Seat

Structure is made of 5-layer plywood, thickness 7.5 mm, covered with cut foam, thickness 60 mm, density 40 kg/m<sup>3</sup>, and cut foam 20, 20 mm, density 21, 25 kg/m<sup>3</sup> respectively.

#### Backrest

Structure is made of 5-layer plywood, thickness 7.5 mm, covered with cut foam, thickness 60 mm, density 40 kg/m<sup>3</sup>, and cut foam 20, 10, 20 mm, density 21, 25, 25 kg/m<sup>3</sup> respectively. The shell is fully upholstered:

- Sonata 24/7 – in Flax FYR fabric, Fame
- Sonata XXL – in fabrics dedicated to this model.

#### Headrest

Structure is made of 5-layer plywood, thickness 7.5 mm, covered with foam R70.

Fixed headrest (HRU) – fully upholstered in the same upholstery type and colour as the chair.

Adjustable headrest (HRUA) – fully upholstered in the same upholstery type and colour as the chair, height adjustment in range of 60 mm.

## 3. Armrests

Fixed armrests – made of chromium plated steel tube with upholstered pads made of solid wood, covered with foam, thickness 9 mm, density 25 kg/m<sup>3</sup>.

Sonata XXL – pads are upholstered in the same upholstery type and colour as the chair or optionally in black leather.

Sonata 24/7 – pads are upholstered in black FYR fabric.

## 4. Packaging

Office swivel chair – 1 piece per box (unassembled), 8 pieces on pallet.

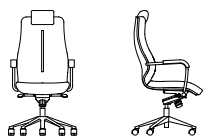
## 5. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)

Remodex (durability certificate) – approvals compliant with: EN 1335, EN 1022 and BS 5459–2.

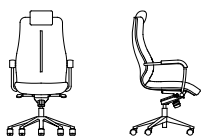
Sonata Lux

# Technical description

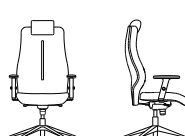
## 1. Dimensions/Weight



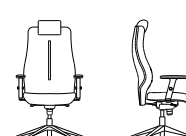
SONATA-LUX HRU MPD170



SONATA-LUX HRUA MPD170



SONATA-LUX HRU ES



SONATA-LUX HRUA ES



Model	Wymiary (mm)														Waga (kg)
	A	B	C	D	E	F	G	H	J	K	L	I	M	N	
SONATA-LUX HRU ST28 MPD170 ESH / ESHH	430–525	500	480	540	1115–1210	500	730	680	700	—	637	80	225	195	22,8
SONATA-LUX HRUA ST28 MPD170 ESH / ESHH	430–525	500	480	540	1115–1210	500	730	680	700	—	637	80–140	225	195	23,1
SONATA-LUX HRU ST28 ES ESH / ESHH	405–490	460	460	510	1115–1210	530	790	710	700	—	637	80	225	195	19,1
SONATA-LUX HRUA ST28 ES ESH / ESHH	405–490	460	460	510	1115–1210	530	790	710	700	—	637	80–140	225	195	19,4

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

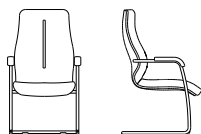
K – Base width

L – Overall depth

I – Headrest height

M – Headrest width

N – Headrest height



SONATA-LUX-LB CFP



Model	Wymiary (mm)												Waga (kg)
	A	A1	B	C	D	E	F	G	H	K	V	L	
SONATA-LUX-LB CFP	470	440	530	485	540	1015	520	570	670	584	615	685	16,2

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

#### 2.1.1. Office swivel chairs

##### Bases:

- Ø 700 mm five-star polished aluminium with chrome effect (ST28-POL).

#### 2.1.2. Conference frame chairs

Cantilever frame made of steel tube  
Ø 22 × 2.5 mm and Ø 22 × 2.0 mm.

### 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 hard floors as standard.

### 2.3. Mechanisms

MULTIBLOCK MPD-170 mechanism – functions:

- tilting of integrated seat and backrest in the range of 16° (free-floating),
- seat and backrest multi-lock in 5 positions,
- backrest tilt force adjustment with a knob,
- 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.

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,
- 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.

### 2.4. Seat, backrest and headrest

#### 2.4.1. Office swivel chairs

Sonata Lux with MPD170 mechanism – complete shell structure is made of 9-layer plywood, thickness 13.5 mm.

##### Seat

Structure is made of 5-layer plywood, thickness 7.5 mm, covered with cut foam, thickness 40 mm, density 40 kg/m<sup>3</sup>, and cut foam 20, 20 mm, density 21, 25 kg/m<sup>3</sup> respectively.

##### Backrest

Structure is made of 5-layer plywood, thickness 7.5 mm, covered with cut foam thickness 40 mm, density 40 kg/m<sup>3</sup>, and cut foam 10, 20 mm, density 25, 21 kg/m<sup>3</sup> respectively.

##### Headrest

Structure is made of 5-layer plywood, thickness 7.5 mm, covered with foam R70.

Fixed headrest (HRU) – fully upholstered in the same upholstery type and colour as the chair.

Adjustable headrest (HRUA) – fully upholstered in the same upholstery type and colour as the chair, height adjustment in range of 60 mm.

Sonata Lux with ES mechanism – shell structure consists of 2 separate elements – seat and backrest.

##### Seat

Structure is made of 8-layer plywood, thickness 12 mm, covered with cut foam, thickness 40 mm, density 40 kg/m<sup>3</sup>, and cut foam 20, 20 mm, density 21, 25 kg/m<sup>3</sup> respectively.

##### Backrest

Structure is made of 8-layer plywood, thickness 12 mm. Backrest cushion is made of 3-layer plywood, thickness 4.5 mm covered with cut foam, thickness 40 mm, density 40 kg/m<sup>3</sup>, and cut foam 20, 10, 20 mm, density 21, 25, 25 kg/m<sup>3</sup> respectively.

##### Headrest

Structure is made of 5-layer plywood, thickness 7.5 mm, covered with foam R70.

Fixed headrest (HRU) – fully upholstered in the same upholstery type and colour as the chair.

Adjustable headrest (HRUA) – fully upholstered in the same upholstery type and colour as the chair, height adjustment in range of 60 mm.

#### 2.4.2. Conference frame chairs

Complete shell structure is made of 9-layer plywood, thickness 13.5 mm.

##### Seat

Structure is made of 5-layer plywood, thickness 7.5 mm, covered with cut foam, thickness 40 mm, density 40 kg/m<sup>3</sup>, and cut foam 20, 20 mm, density 21, 25 kg/m<sup>3</sup> respectively.

##### Backrest

Structure is made of 5-layer plywood, thickness 7.5 mm, covered with cut foam, thickness 40 mm, density 40 kg/m<sup>3</sup>, and cut foam 20, 10, 20 mm, density 21, 25, 25 kg/m<sup>3</sup> respectively.

### 3. Armrests

#### 3.1. Office swivel chairs

Fixed armrests – made of chromium plated steel tube with pads made of solid wood, covered with foam, thickness 9 mm, density 25 kg/m<sup>3</sup>, upholstered in the same upholstery type and colour as the chair (applicable to Sonata Lux MPD).

R15-CR-xx-2-D armrests – made of chromium plated steel and glass fiber reinforced polyamide (PA + GF) with pads upholstered in the same upholstery type and colour as the chair. Adjustment range of the armrests: height 80 mm, forward/backward movement of the pad 70 mm (applicable to Sonata Lux ES).

#### 3.2. Conference frame chairs

Fixed armrests – made of chromium plated steel tube with pads made of solid wood, covered with foam, thickness 9 mm, density 25 kg/m<sup>3</sup>, upholstered in the same upholstery type and colour as the chair.

### 4. Packaging

Office swivel chairs with MPD170 mechanism – 1 piece per box (partially assembled), 8 pieces on pallet.

Office swivel chairs with ES mechanism – 1 piece per box (unassembled), 8 pieces on pallet.

Conference frame chairs – 1 piece per box (assembled), 4 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, EN 1022, EN 16139 and EN 1728.