

Solis®.

190 range. Technical details.

Function

Swivel chairs with automatic synchro-adjustment: The seat/backrest angle adjusts automatically to the sitting position of the user. When leaning back, the backrest tension increases according to the need for additional support and the seat platform lowers at the front synchronously with the sequence of movement.

A crank handle allows infinitely variable tension adjustment for the user. Backrest position lockable in eleven different positions by engaging lever. Gas lift, conforming to DIN 4550, for infinitely variable adjustment of seat height of swivel chairs.

Optional adjustment of backrest height in seven positions within a range of 60 mm (2 $\frac{3}{8}$ ") and adjustment of seat depth between 400 – 450 mm (15 $\frac{3}{4}$ " – 17 $\frac{3}{4}$ ").

Frame

Five-star base in die-cast aluminium, coated, polished or bright chromium-plated. Twin wheel swivel castors with load-dependent braking in black-grey polyamide, with integral protection buffer conforming to DIN EN 12529, as the standard version for carpeted floors, or with a grey polyurethane soft lining for hard floors. Anti-static castors on request. Backrest bearer, front swivel arms, rear swivel arms, seat bearer and synchro-mechanism case in die-cast aluminium. Synchro-mechanism cover in black-grey plastic. See table below for frame finishes.

Seat

Seat shell in black-grey polypropylene with integral pelvic support (pelvic wedge). Upholstery: covered, one-piece moulded polyurethane foam. Exchangeable cover.

Adjustment of seat depth

On request, depth of seat platform individually adjustable from 400 – 450 mm (15 $\frac{3}{4}$ " – 17 $\frac{3}{4}$ "). The seat shifts underneath the fixed pelvic wedge, which always remains in an ergonomically correct position. Pelvic wedge in polypropylene. Upholstery: covered, one-piece moulded polyurethane foam.

Back

Backrest in black-grey, viscoelastic polyamide; on request, with backrest cushion in covered, one-piece moulded polyurethane foam. Solis is available in two backrest heights; the high backrest version is optionally with a headrest.

Headrest

Headrest in combination with high backrest in black-grey, viscoelastic polyamide, with covered, one-piece moulded polyurethane foam, in matching colour leather on version with cushions.

Armrests

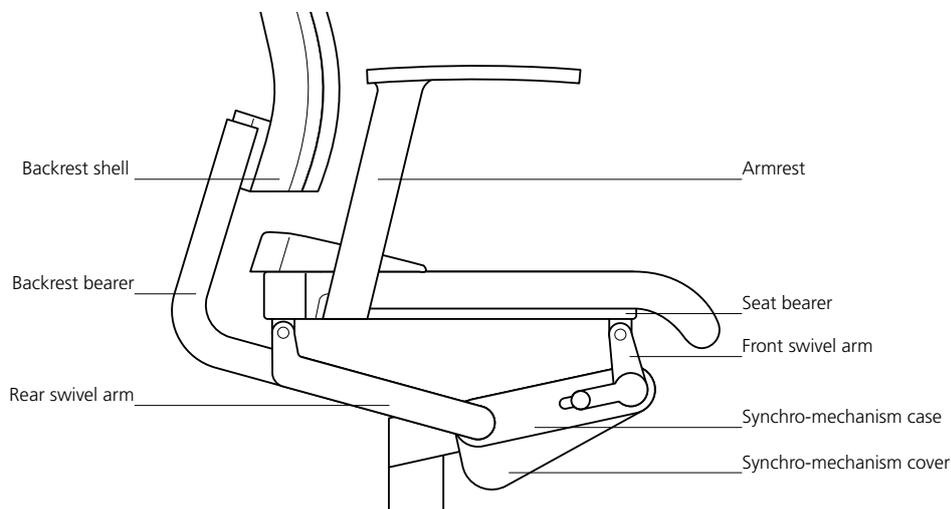
Standard armrests in black-grey through-dyed, glass fibre-reinforced polyamide, optionally as 3-D armrests, adjustable by 70 mm (2 $\frac{3}{4}$ ") in height and 40 mm (1 $\frac{5}{8}$ ") in depth; they can be pivoted inwards by 15°. On request, with armrest pad in one-piece moulded foam, leather-covered; in black leather 74/99 for fabric cover and in matching colour leather for leather cover.

Standards

Solis swivel chairs conform to the Office Chair Standards DIN EN 1335 and other international office chair standards. Depending on selected features, they meet the requirements of categories A or B of the Office Chair Standard DIN EN 1335.



Solis swivel chairs conform to the requirements of "Ergonomics Approved".

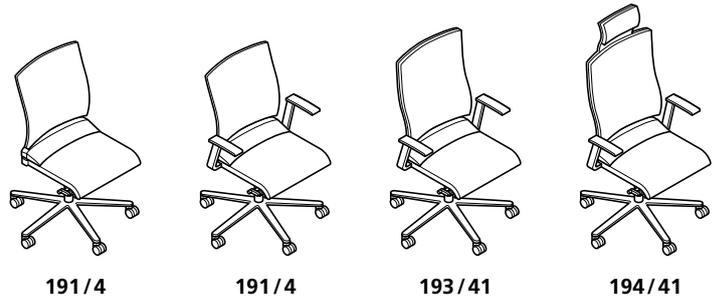


Subject to technical change without notice.

190 range Solis™

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- Standard feature
- Optional feature



Five-star base

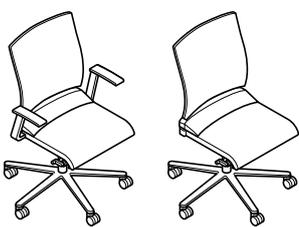
Coated, colour silver, satin finish	●	●	●	●
Coated, colour black-grey	●	●	●	●
Aluminium polished	●	●	●	●
Bright chromium-plated	●	●	●	●

Seat and backrest

Seat with cushion, backrest shell not upholstered	●	●		
Seat and back cushion	○	○	●	●
Adjustable backrest height	○	○	○	○
Adjustable seat depth	○	○	○	○
3-D armrests		○	○	○
3-D armrests with leather pad		○	○	○

Upholstery material

Fabric	●	●	●	●
Leather	○	○	○	○



191/4
 ☐40/52 ☐91/103 ☐67 ☐64
 (☐15³/₄"/20¹/₂" ☐35⁷/₈"/40¹/₂"
 ☐26³/₈" ☐25¹/₄"



193/41
 ☐40/52 ☐101/113 ☐67 ☐64
 (☐15³/₄"/20¹/₂" ☐39³/₄"/44¹/₂"
 ☐26³/₈" ☐25¹/₄"



194/41
 ☐40/52 ☐120/132 ☐67 ☐64
 (☐15³/₄"/20¹/₂" ☐47¹/₄"/52"
 ☐26³/₈" ☐25¹/₄"

- Symbols**
- ☐ Seat height
 - ☐ Overall height
 - ☐ Width
 - ☐ Depth

All dimensions in cm (inches).