

# Sigma

Sigma, with the SitRite and SitRite LS seat system, is designed to provide users additional support and comfort. The seat system is anatomically designed with major ergonomic benefits regarding seated posture and pressure distribution.

Seat settings are adjusted manually using ergonomically designed levers, eliminating the need for tools. Electrical seat lift, tilt, and back support settings are programmable and can be end position-limited. The chassis features very low friction wheels that are generously spaced, allowing the chair to be kicked forwards easily. Sigma can be equipped with fixed armrests that lock in horizontal position when tilting the seat.

Type of impairment

minor  moderate  extensive

indoor  outdoor  child  adult



**SEAT SYSTEM**

SitRite



The inherent benefits of SitRite are concealed within the seat, taking the form of two foam materials of different densities. The lower, harder foam section helps to hold the pelvis in a good position, while the upper, softer foam section distributes pressure by being thicker under the ischium than it is under the thighs.

SitRite's back is ergonomically designed, ensuring that a large part of the trunk is supported without impairing arm freedom of movement. The SitRite LS (Lateral Support) variant features a more enclosed back. It has been designed specifically for people with trunk muscle weakness and correctable scoliosis. The enclosing sides are structured around polyester covered plates that can be adjusted whilst the user is in the sitting position.

Both SitRite and SitRite LS can be fitted with a lumbar pillow to provide extra support.

**UPHOLSTERY**



Back fabric

Seat (width x depth)	36x40, 36x45, 40x40, 40x45, 45x45, 45x50, 50x50 cm
Seat width (between armrests)	38-56 cm
Seat depth	40-59 cm
Seat height, gas*	31-40.5, 40.5-56, 46-66 cm
Seat height, electric (single wheel) <sup>1)</sup>	38-48, 42-56, 46-64, 53-78 cm <sup>2)</sup> 40-50, 44-58, 48-66, 55-80 cm <sup>3)</sup>
Seat height, electric (double wheel) <sup>1)</sup>	36-46, 40-50, 44-62, 51-76 cm <sup>2)</sup> 38-48, 42-56, 46-64, 53-78 cm <sup>3)</sup>
Seat tilt (electric, crank, turnbuckle, or gas)	-14° to 14°
Back support, height, adjustable	37-62 cm
Back (width x height)	- SitRite 35x43, 40x45, 45x47 cm - SitRite LS 24x43, 28x45, 33x47 cm - Forma 37x23, 37x46, 37x48 cm - Classic 35x30, 35x44, 40x30, 40x44 cm
Back tilt	-23° to 7°
Armrest, height, adjustable	0-26 cm
Armrest platform (length x width x thickness)	30x8x3, 30x8x5, 40x8x3, 40x8x5 cm

1) Seat height is measured from the floor surface to the bottom edge of the seat.

2) Ground clearance 5 cm

3) Ground clearance 7 cm

**CHASSIS**

Sigma



Sigma features low friction wheels that are generously spaced, allowing the chair to be kicked forwards easily. As standard, the chair has rear wheel brakes that are controlled using a brake lever. This is installed by either the left or right rear wheel. The chassis can be upgraded with a brake handle that is installed under the seat within reach of the user on either the right or left hand side. Brakes can be fitted on front wheels, rear wheels, or all four wheels.

Chassis, width	58 cm
Chassis, length	60 cm
Total weight	36 kg (gas), 42 kg (electrical)
User weight, max.	160 kg
Brake	Chassis installed/seat installed
Wheel size	100 mm