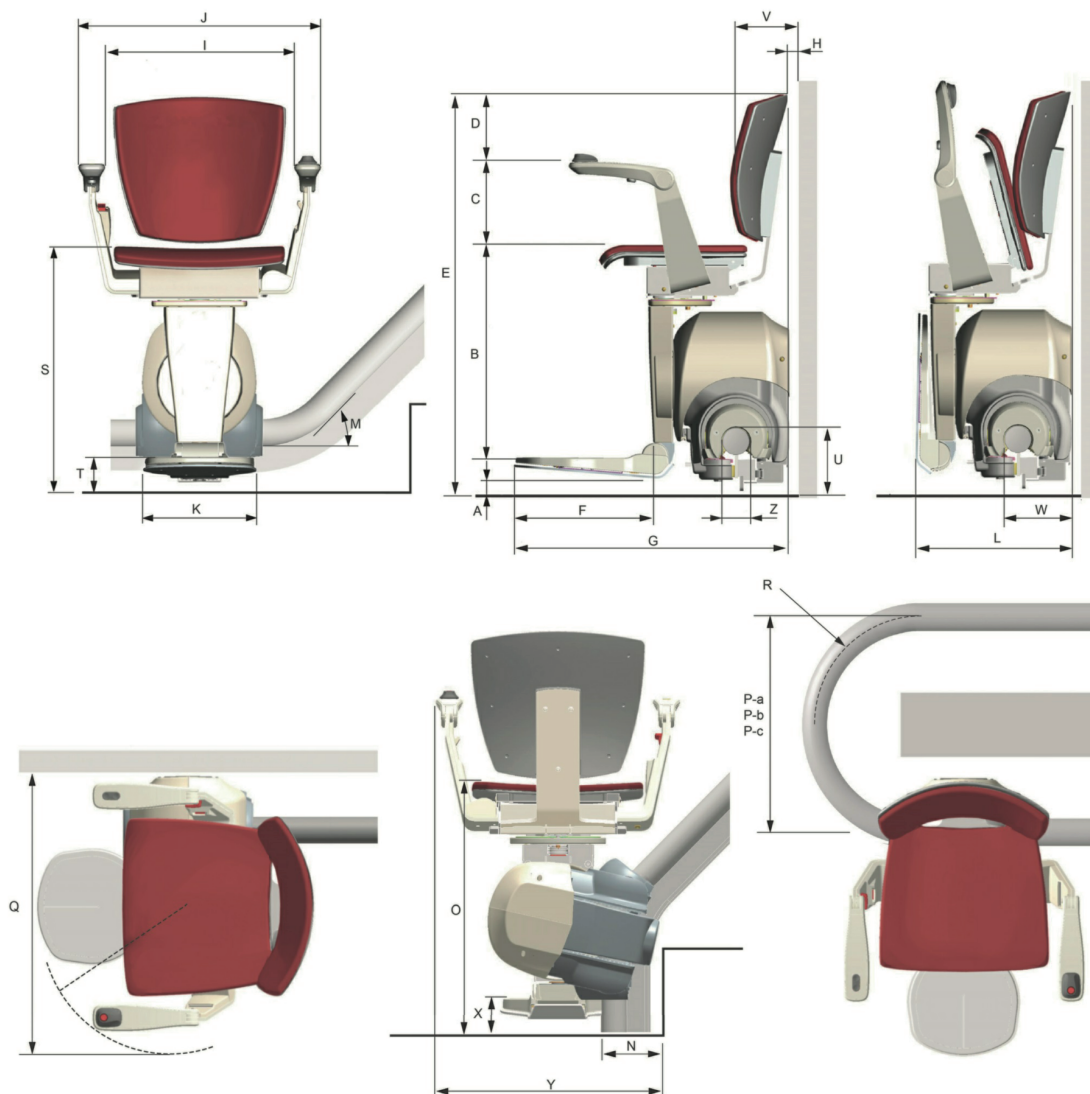


Otolift Modul-Air

Datasheet



This datasheet is intended to be used for reference only. All dimensions shown from the wall will be affected by any additional obstructions and are subject to a full site survey. Measurements are in millimetres. No rights can be obtained from this datasheet.

A	Floor to bottom of footrest (on a horizontal run on)	60 *	O	Seat to floor (on normal start/dropstart)	582 ****
B	Top of footrest to top of seat	490	P-a	180 Bend on rail centre to centre maximal (0°)	392
C	Top of seat to top of arms	195	P-b	180 Bend on rail centre to centre typical (40°)	250
D	Top of arms to top of seat back	170	P-c	180 Bend on rail centre to centre minimal (65°)	160
E	Overall height	940 *	Q	Minimum swivel radius from wall	660
F	Length of footrest	325	R	Bend radius on centre line	196
G	Front of footrest to back of chair	635	S	Seat to floor (on a horizontal run on)	582 *
H	Back of seat to wall (minimal)	5	T	Top of the footrest to floor (on a horizontal run on)	90 *
I	Width between armrests (straight arms)	430 **	U	Top of the tube to floor (on a horizontal run on)	165 *
J	Overall width	580	V	Back of chair (inside) to Wall	100
K	Width of footrest	270	W	Front of tube to back of chair	160
L	Folded footrest width	360	X	Top of footrest to floor (on normal start/dropstart)	90 ****
M	Climbing Angle	0-75°	Y	Armrest to 1st riser (dropstart)	510 *****
N	Front of drop nose to first step (dropstart)	170 ***	Z	Diameter of the tube	60

* Variable: up to an additional 40

** Curved Arms: 360

*** Min-intrusion Start: 80, Incline start: 395

**** Min-intrusion Start: Seat = R1+430 (minimum 570mm). Footrest height = seat height - 490

***** Min-intrusion Start: 470

Otolift Modul-Air

Datasheet



CHAIR

Seat type: Arm chair with ergonomically shaped seat for optimal sitting comfort and swivel option left and right. Electric and manual operation possible. With electric swivel, chair can also drive backwards.

Materials: Steel frame, seat and backrest with flame retardant upholstery and flame retardant ABS/PC carrier.

Finish: All steel parts are epoxy powder coated, plastic parts are texturized.

Armrests: Cast aluminium armrests with PP plastic coverings mounted on steel arm supports, ergonomically positioned. The safety belt is integrated in the arm support covers.

Switches: All switches are integrated in the two armrests; main switch is integrated in the main control switch, the rocker-switch for the electrical actuation of the footrest is positioned in the second arm rest.

Load: 125 kg with inclination angle of -75 to 75°.

Safety: The AIR is provided with a safety belt and safety switches positioned between rail and motor section and on the bottom side of the foot rest. Used materials are inflammable or parts are flame retardant. Overspeed control. Independent over-inclination control at $\pm 5^\circ$.

CARRIAGE

Construction: Welded steel frame, cast aluminium motor frame and nodular cast iron support frame flame retardant ABS/PC coverings.

Finish: Epoxy powder coated.

Motor: 24V DC Microprocessor controlled 3 phase brushless DC motor, 0,35 kW.

Start: Soft start and stop.

Electronics: Micro processor control unit for main motor control and leveller control.

Batteries: 2 x 12V, 7Ah.

Noise level: Maximum operating level 40 dBA.

FOOTREST

Construction: Welded steel frame covered with anti-slip TPE top layer.

Finish: All steel parts are epoxy powder coated.

Folding: The folding of the footrest is electrically powered and controlled.

Safety: Bottom side is provided with a safety panel, operating in both ways of direction of travel.

RAIL

Construction: One single low positioned steel rail.

Rail Section: Round, diameter 60 mm.

Finish: Epoxy powder coated.

Fixing: Simple legs with base-plate, screwed to floor and staircase, screws covered with ABS plastic caps.

Length: Max. 30 metres.

Rail wiring: Through the rail.

Drive method: Rollerwheel and rack mounted on back-bottom-side of rail.

Max inclination: -75 to 75°.

Starting options: Parking curves - Short start.

OTHER PARTS

Remote controls: Wall mounted RF Controls at top and bottom of stairs or mobile remote control with light touch switches powered by 2 AA batteries.

Charge unit: Wall mounted.