



All dimensions measured from the wall are nominal. The presence of certain obstructions, and technical changes to the product, may affect the dimensions as illustrated in this document. Measurements are in millimetres. No rights can be obtained from this datasheet.

A	Floor to bottom of footrest (on a horizontal)	60	O	Seat to floor (on normal start/dropstart)	555
B	Top of footrest to top of seat	490	P-a	180° Bend on rail centre to centre (maximum) (0°)	504
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 (minimum) (70°)	55
E	Overall height	940	Q	Minimum swivel radius from wall (seat only)	660
F	Length of footrest	325	R	Bend radius on centre line	252
G	Front of footrest to back of chair	635	S	Seat to floor (on a horizontal run on)	580
H	Back of seat to wall (minimum)	5	T	Top of the footrest to floor (on a horizontal run on)	85
I	Width between armrests	450	U	Top of the tube to floor (on a horizontal run on)	175
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	170
L	Folded footrest width	360	X	Top of footrest to floor (on normal start/dropstart)	60
M	Climbing Angle	0-75°	Y	Armrest to 1st riser (dropstart)	510
N	Front of drop nose to first step (dropstart)* Angle start intrusion from 1st riser at nominal angle	175	Z	Diameter of the tube	80

* Normal start: 395

OTOLIFT ONE 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.

Max. depth Max. depth in folded position is 360 mm.

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

Safety The ONE 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. Over speed control at 0,3 m/s, 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 80 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 (minimal 175mm before first riser).

OTHER PARTS

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

Charge unit Wall mounted.