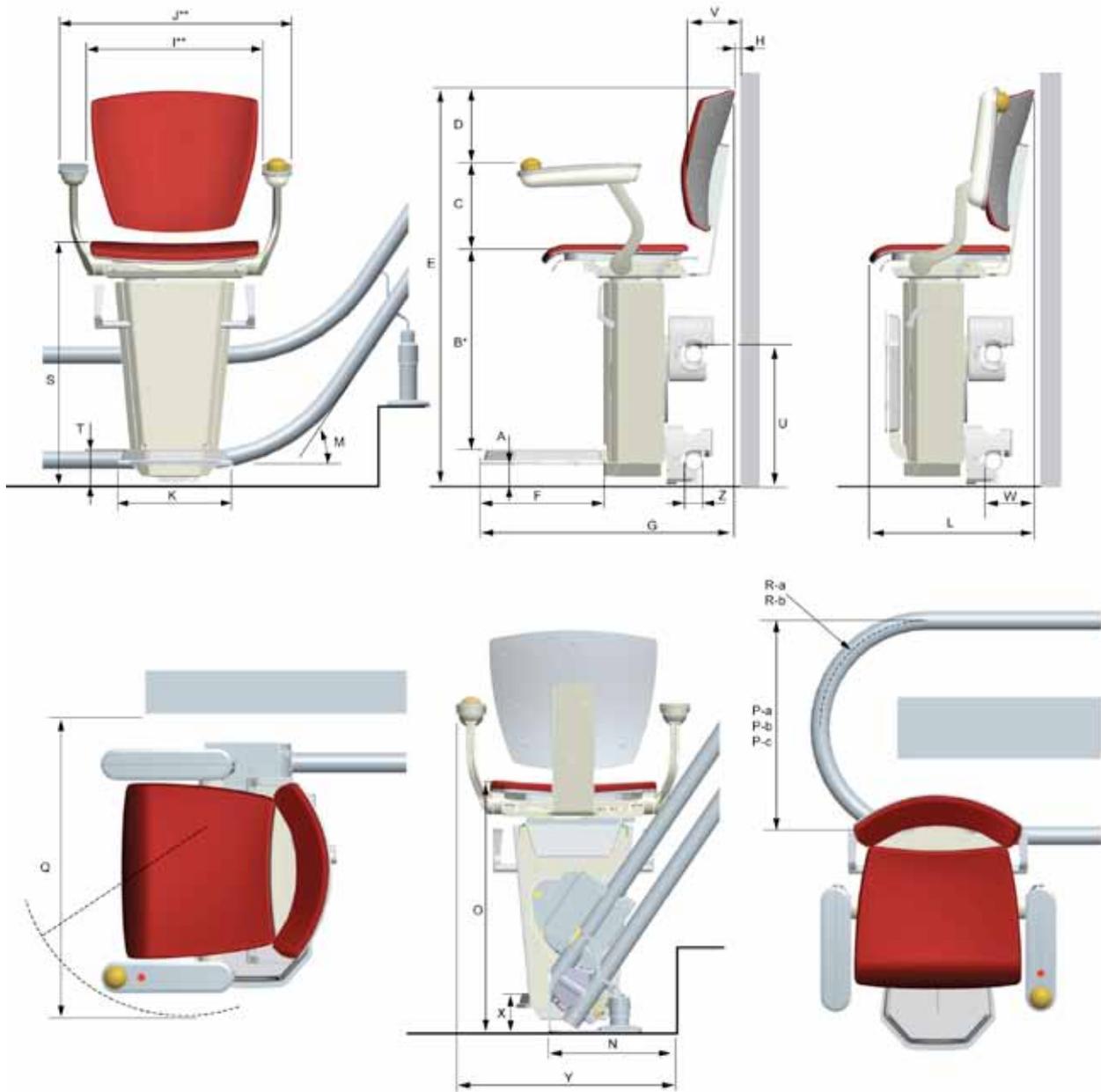


OTOLIFT TWO



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)	55	P-a	180 Bend on rail centre to centre (maximum) (0°)	530
B	Top of footrest to top of seat*	485	P-b	180 Bend on rail centre to centre typical (40°)	360
C	Top of seat to top of arms	210	P-c	180 Bend on rail centre to centre (minimum) (>40°)	360
D	Top of arms to top of seat back	170	Q	Minimum swivel radius from wall	695
E	Overall height	960	R-a	Minimal bend radius on centre line - (>40°)	180
F	Length of footrest	295	R-b	Maximal bend radius on centre line - (0°)	265
G	Front of footrest to back of chair	625	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)	95
I	Width between armrests**	420	U	Top of upper tube to floor (on horizontal run on)	350
J	Overall width**	570	V	Back of chair (inside) to wall (on a horizontal run)	100
K	Width of footrest	290	W	Front of tube to back of chair	135
L	Folded footrest width	370	X	Top of footrest to floor (on normal start / dropstart)	95
M	Climbing Angle***	0-60°	Y	Armrest to 1st riser - (56° start)	540
N	Front of drop nose to first step - (56° start)	285	Z	Diameter of the tubes	45
O	Seat to floor (on normal start/dropstart)	580			

* Perch seat option with swivel - up to: **605**
 Perch seat option without swivel - up to: **735**
 Decreased height option (fixed): **455**
 Electric up/down footrest option (L = +50 mm): **365-520**

** Wide seat option: **+50**
 *** Heavy duty of 165 kg : 52 degrees
 **** Sliding rail: 60 - Foldable rail: 140
 ***** Wide seat option: 745

OTOLIFT TWO DATASHEET



CHAIR

Seat type Compact chair with swivel option left or right at top of stairs to enable safe dismount. Electric and manual operation is possible.

Materials Steel frame, seat and backrest in ABS/PC or with optional upholstery.

Finish All steel parts are epoxy powder coated.

Armrests Cast aluminium armrests with PP plastic coverings mounted on cast aluminium armrest supports.

Switches Main switch and control switch are both integrated in one armrest.

Max. depth In folded position is 380 mm.

Load 130 kg with inclination angle up to 60°. Heavy duty option of 165 kg has angle up to 52°.

Safety The TWO is provided with a safety belt and safety switches behind the side panels, under the carriage and foot rest and behind the roller covers around the rails. Used materials are inflammable or parts are flame retardant.

CARRIAGE

Construction Welded steel frame, cast aluminium motor frame and gearbox.

Finish Epoxy powder coated.

Motor 24V DC Microprocessor controlled 3 phase brushless DC motor, 0,33 kW.

Start Soft start and stop.

Electronics Micro processor control unit for motor-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 manually operated. Electric operated is also possible.

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

RAIL

Construction Two steel rails.

Rail Section Round, diameter 45 mm.

Finish Epoxy powder coated.

Fixing Simple legs with base-plate, screwed to floor and staircase, screws covered with ABS plastic caps. Wall-fixation is also possible.

Length Max. 30 metres.

Rail wiring Through the rail.

Drive method Rack and pinion behind the lower rail.

Max inclination Up to 60°.

Starting options Parking curves - Hinge rail - Foldable rail - short start (minimal 280 mm's before first riser).

OTHER PARTS

Remote controls Wall mounted at top and bottom of stairs powered by 2 AA batteries.

Charge unit Wall mounted.