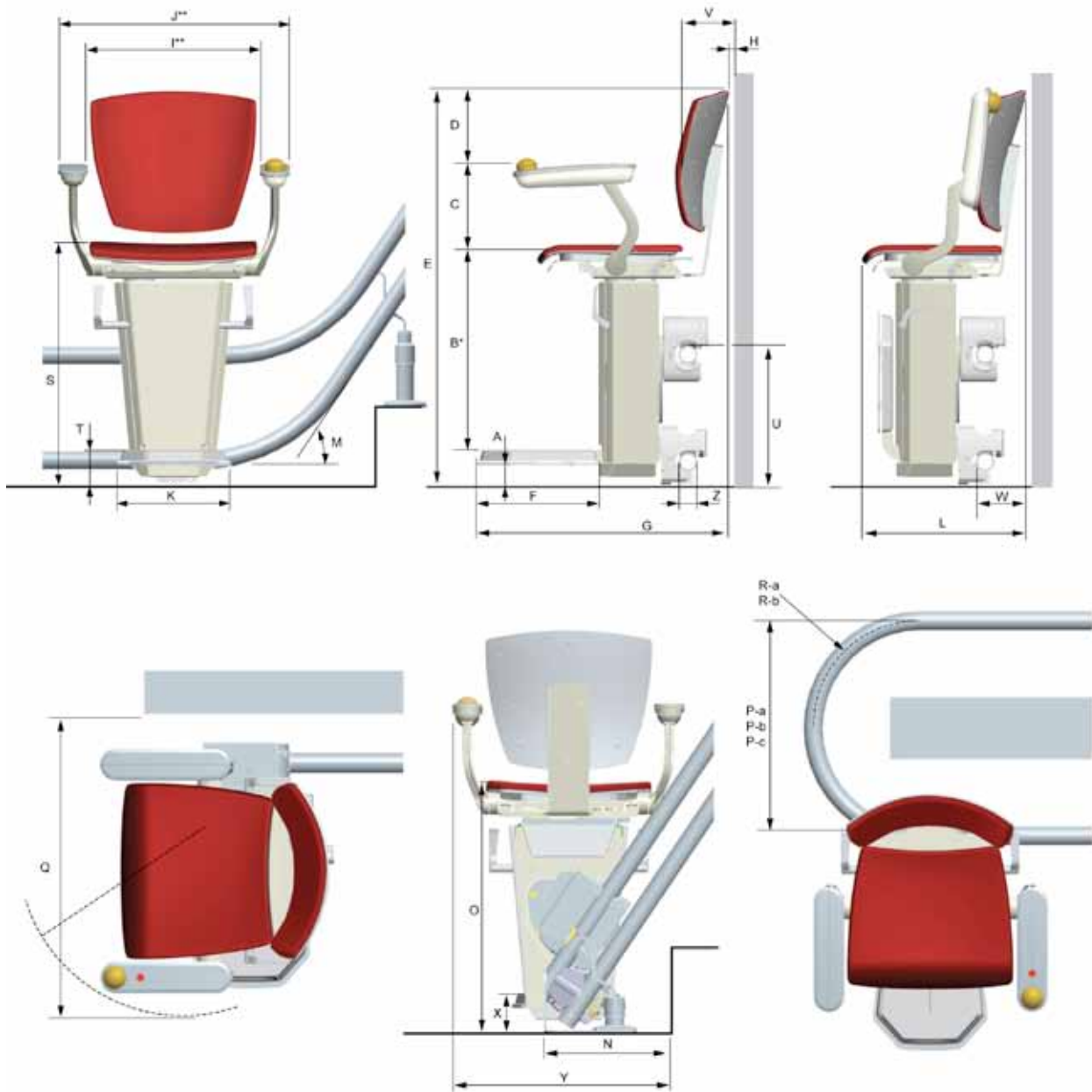


# OTOLIFT TWO



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.

<b>A</b>	Floor to bottom of footrest (on a horizontal)	<b>55</b>	<b>P-a</b>	180 Bend on rail centre to centre (maximum) (0°)	<b>530</b>
<b>B</b>	Top of footrest to top of seat*	<b>485</b>	<b>P-b</b>	180 Bend on rail centre to centre typical (40°)	<b>360</b>
<b>C</b>	Top of seat to top of arms	<b>210</b>	<b>P-c</b>	180 Bend on rail centre to centre (minimum) (>40°)	<b>360</b>
<b>D</b>	Top of arms to top of seat back	<b>170</b>	<b>Q</b>	Minimum swivel radius from wall	<b>695</b>
<b>E</b>	Overall height	<b>960</b>	<b>R-a</b>	Minimal bend radius on centre line - (>40°)	<b>180</b>
<b>F</b>	Length of footrest	<b>295</b>	<b>R-b</b>	Maximal bend radius on centre line - (0°)	<b>265</b>
<b>G</b>	Front of footrest to back of chair	<b>625</b>	<b>S</b>	Seat to floor (on a horizontal run on)	<b>580</b>
<b>H</b>	Back of seat to wall (minimum)	<b>5</b>	<b>T</b>	Top of the footrest to floor (on a horizontal run on)	<b>95</b>
<b>I</b>	Width between armrests**	<b>420</b>	<b>U</b>	Top of upper tube to floor (on horizontal run on)	<b>350</b>
<b>J</b>	Overall width**	<b>570</b>	<b>V</b>	Back of chair (inside) to wall (on a horizontal run)	<b>100</b>
<b>K</b>	Width of footrest	<b>290</b>	<b>W</b>	Front of tube to back of chair	<b>135</b>
<b>L</b>	Folded footrest width	<b>370</b>	<b>X</b>	Top of footrest to floor (on normal start / dropstart)	<b>95</b>
<b>M</b>	Climbing Angle***	<b>0-60°</b>	<b>Y</b>	Armrest to 1st riser - (56° start)	<b>540</b>
<b>N</b>	Front of drop nose to first step - (56° start)	<b>285</b>	<b>Z</b>	Diameter of the tubes	<b>45</b>
<b>O</b>	Seat to floor (on normal start/dropstart)	<b>580</b>			

\* 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.