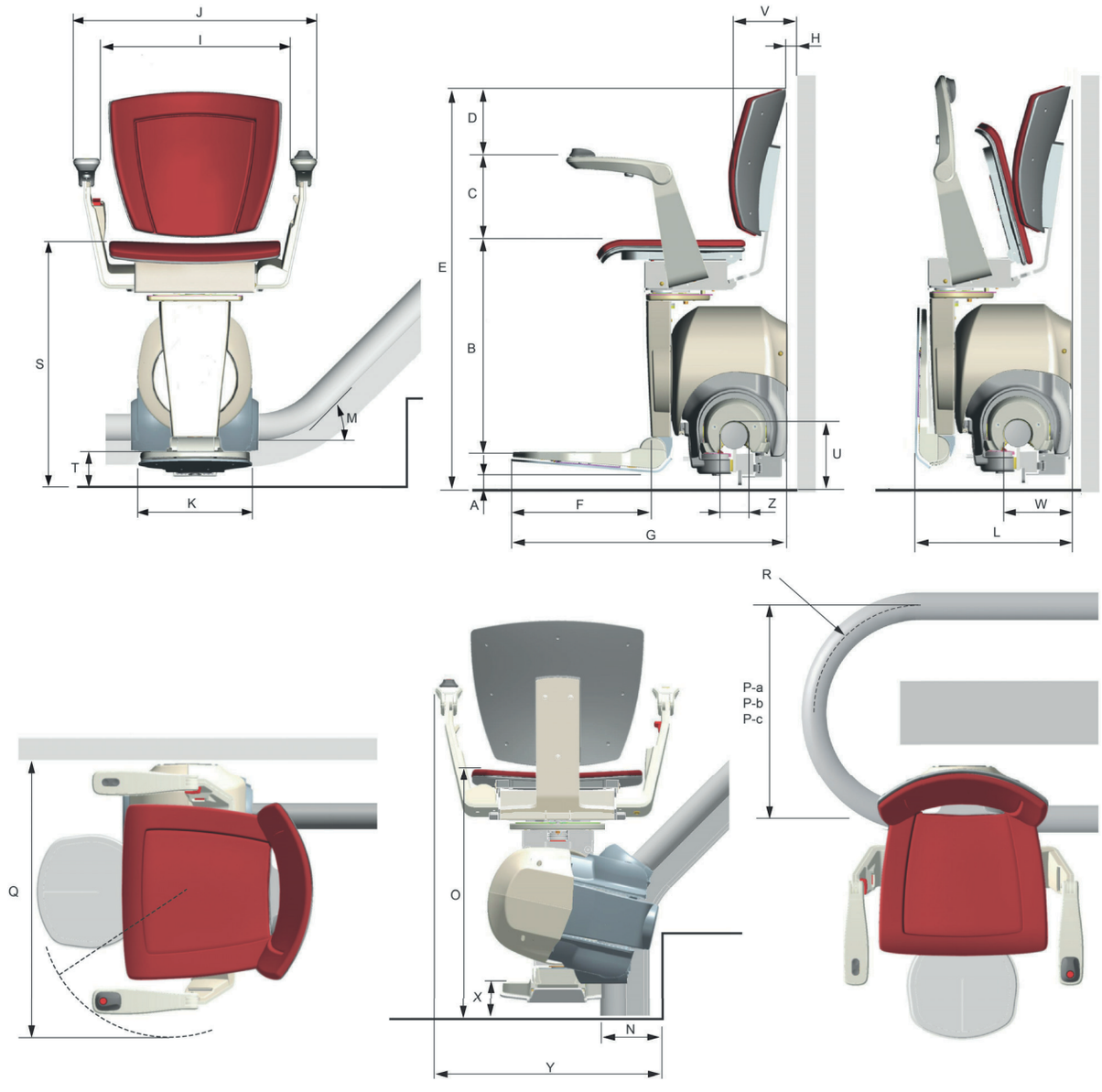
OTOLIFT AIR



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**
B	Top of footrest to top of seat	**490**
C	Top of seat to top of arms	**195**
D	Top of arms to top of seat back	**170**
E	Overall height	**940**
F	Lenght of footrest	**325**
G	Front of footrest to back of chair	**635**
H	Back of seat to wall (minimal)	**5**
I	Width between armrests	**450**
J	Overall width	**580**
K	Width of footrest	**270**
L	Folded foodrest width	**360**
M	Climbing Angle	**0-70°**
N	Front of drop nose to first step (dropstart) *	**170**
O	Seat to floor (on normal start/dropstart)	**585**
P-a	180 Bend on rail centre to centre maximal (0°)	**392**
P-b	180 Bend on rail centre to centre typical (40°)	**250**
P-c	180 Bend on rail centre to centre minimal (65°)	**160**
Q	Minimum swivel radius from wall	**660**
R	Bend radius on centre line	**196**
S	Seat to floor (on a horizontal run on)	**580**
T	Top of the footrest to floor (on a horizontal run on)	**85**
U	Top of the tube to floor (on a horizontal run on)	**165**
V	Back of chair (inside) to Wall	**100**
W	Front of tube to back of chair	**160**
X	Top of footrest to floor (on normal start/dropstart)	**60**
Y	Armrest to 1st riser (dropstart)	**510**
Z	Diameter of the tube	**60**

* Normal start: **395**

OTOLIFT 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 ± 5°.

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.