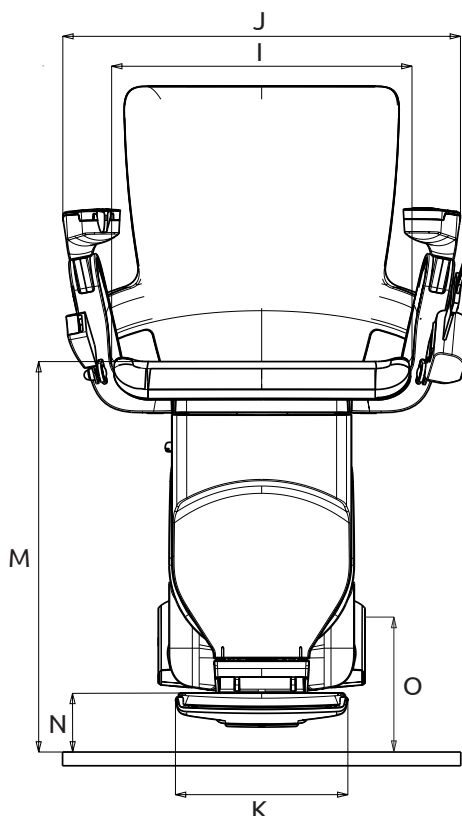
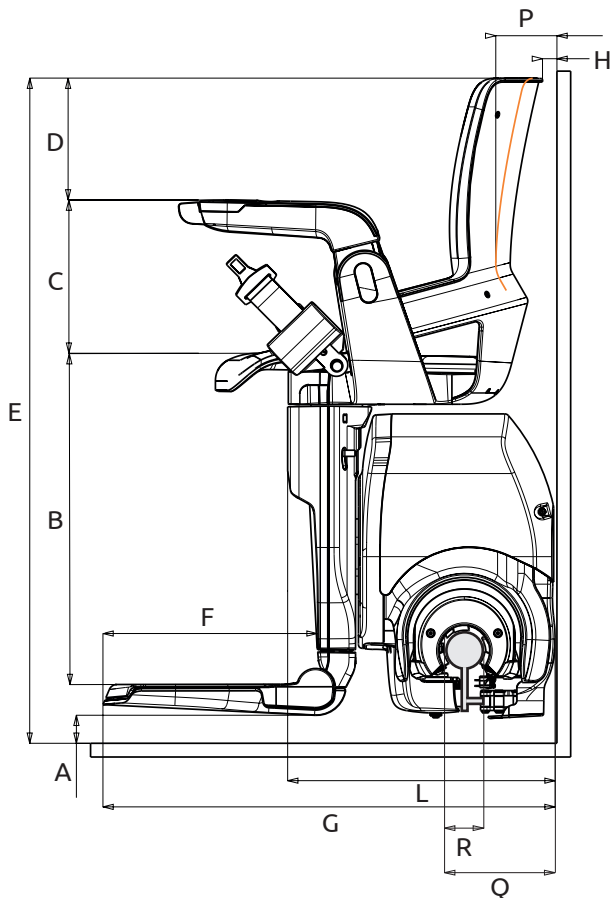


# Datasheet

# Otolift Modul-Air Smart



<b>A</b>	Floor to bottom of footrest (on a horizontal run on)	<b>40</b>
<b>B</b>	Top of footrest to top of seat	<b>480</b>
<b>C</b>	Top of seat to top of arms	<b>215</b>
<b>D</b>	Top of arms to top of seat back	<b>190</b>
<b>E</b>	Overall height	<b>965</b>
<b>F</b>	Length of footrest	<b>315</b>
<b>G</b>	Front of footrest to back of chair to wall	<b>650</b>
<b>H</b>	Back of seat to wall (minimal)	<b>20</b>
<b>I</b>	Seating width	<b>430</b>
<b>J</b>	Overall width	<b>585</b>
<b>K</b>	Width of footrest	<b>250</b>
<b>L</b>	Folded footrest width to wall	<b>380</b>
<b>M</b>	Seat to floor	
	- On a horizontal run on	<b>570</b>
	- On normal start / dropstart	<b>565</b>
<b>N</b>	Top of the footrest to floor	
	- On a horizontal run on	<b>80</b>
	- On normal start / dropstart	<b>75</b>
<b>O</b>	Top of the tube to floor (on a horizontal run on)	<b>165</b>
<b>P</b>	Backrest chair (inside) to wall	<b>80</b>
<b>Q</b>	Front of tube to wall	<b>165</b>
<b>R</b>	Diameter of the tube	<b>60</b>

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.

# Datasheet

## Otolift Modul-Air Smart



### Seat

Materials	Base: Sheet metal
	Finish: Galvanized
	Armrest & arm support: Injection moulded aluminium
	Finish: Powder coated
Upholstery	Backrest & seat: Glass fibre reinforced PP. Flame retardant conform UL-94 V-O. Halogen free
	Armrest, arm support & seat covers: PC + ABS. Flame retardant conform UL-94 V-O (enclosures UL-94 5VA)
	Fabric/leather/synthetic leather
	Flame retardant according to NEN-EN 1021-2, annex B
Swivel	Manual / Powered
	(Powered swivel has a manual release handle on the front frame)
Powered swivel motor	24V brushed DC
Armrests	Display, joystick and footrest controls
Optional:	Two-way communication (DECT).
Switches	All switches are integrated in the armrests. The main switch is integrated in the display module. The rocker switch for electric control of the footrest is positioned in the second armrest.
Load	125 kg
Safety	Seatbelt Entire stairlift complies with NEN-EN 81-40-2008

### Drive unit

Materials	Support frame: Cast iron
	Finish: Galvanized or powder coated
	Motor unit: Casted aluminium
	All covers: PC + ABS. Flame retardant conform UL-94 V-O (enclosures UL-94 5VA). Halogen free
Drive motor	Rollers: PA66
	Pinion: Machined steel
Level motor	24V brushless DC
Start	Soft start and stop

Batteries	2x 12V. Flame retardant conform UL-94 V-O. Batteries are lead 7 Ah, or optionally lithium-ion 7.5 Ah
Noise level	Less than 50 dBA
Safety	Left/right side is provided with safety switches

### Frontframe/Footrest

Materials	Frame: Sheet metal and steel tube
	Finish: Galvanized
Footrest	Footrest: Welded sheet metal
	Finish: Galvanized
Optional:	All covers: PC + ABS. Flame retardant conform UL-94 V-O (enclosures UL-94 5VA). Halogen free
	Powered folding up and down (Partially) coupled to seat rotation
Switches	Keyswitch in frontframe
Safety	Left and right side of footrest are provided with safety switches

### Rail

Construction	One single, low positioned, steel rail
Rail section	Round with a 60 mm diameter
Finish	Epoxy powder coated
Fixing	Rail supports with base plates. Screwed to floor and staircase. Screws are covered with ABS plastic caps
Length	Max. 50 meters
Rail wiring	Through the rail
Drive method	Roller wheels and rack mounted at the back, bottom and side of the rail
Max inclination	-75 to 75°
Starting options	Parking curves/short start/horizontal start/First Riser Start

### Other parts

Remote controls	Remote RF controls with light touch switches. Wall mounted at top and bottom of the staircase. Powered by 2 AA batteries
Charge unit	Wall mounted