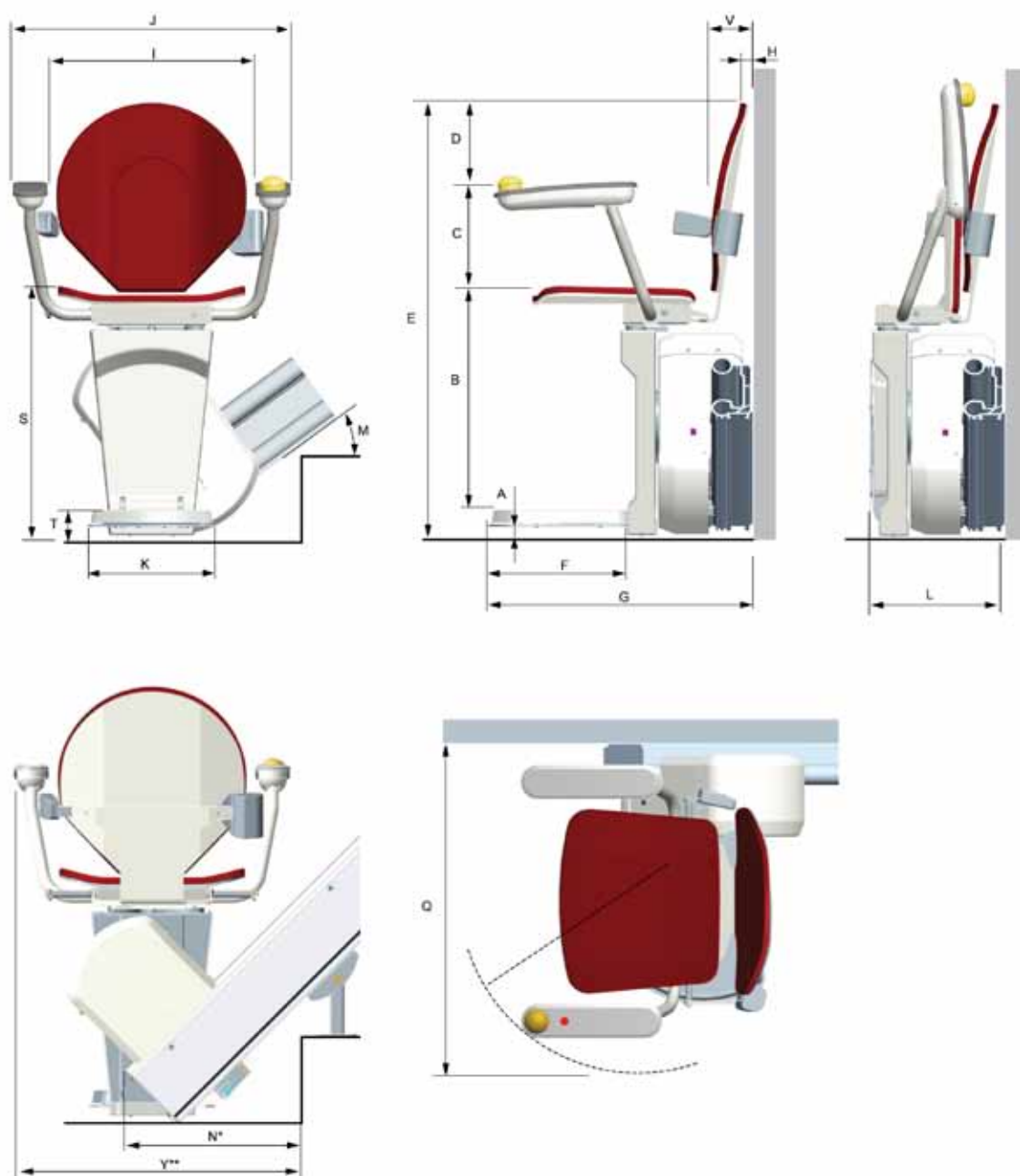


OTOLIFT PARALLEL



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	40	K	Width of footrest	270
B	Top of footrest to top of seat	450	L	Folded foodrest width	285
C	Top of seat to top of arms	235	M	Climbing Angle	28-56°
D	Top of arms to top of seat back	165	N	Front of rail to first step (45° start)*	390
E	Overall height	930	Q	Minimum swivel radius from wall	660
F	Length of footrest	310	S	Seat to floor	580
G	Front of footrest to back of leg	560	T	Top of the footrest to floor	85
H	Back of seat to wall (minimum)	8	V	Back of chair (inside) to wall	100
I	Width between armrests	430	Y	Armrest to 1st riser (45° start)**	510
J	Overall width	585			

* 56°-start: 335

** 56°-start: 595

OTOLIFT PARALLEL DATASHEET



CHAIR

Seat type Extra compact arm chair with swivel option left or right at top of stairs to provide face landing.

Materials Steel frame, seat and backrest with flame retardant upholstery.

Finish All steel parts are epoxy powder covered.

Armrests Cast aluminium armrests with PP plastic coverings mounted on steel arm supports.

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

Max. depth In folded position is 285 mm.

Load 130 kg with inclination angle up to 56°.

Safety Safety belt and safety switches on the side panels, under the carriage and foot rest.

CARRIAGE

Construction Welded steel frame, cast aluminium motor/gearbox.

Finish Epoxy powder coated.

Motor DC motor 24V 300 W.

Start Soft start en stop.

Electronics Micro processor control unit for motor-control.

Servicing Annually servicing is standard.

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.

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

RAIL

Construction Extruded aluminium rails.

Finish Anodized.

Fixing Simple legs with base-plate, screwed only to staircase. Wall-fixation also possible.

Length Max. 8 meters.

Rail wiring Through the rail.

Drive method Toothrack and pinion.

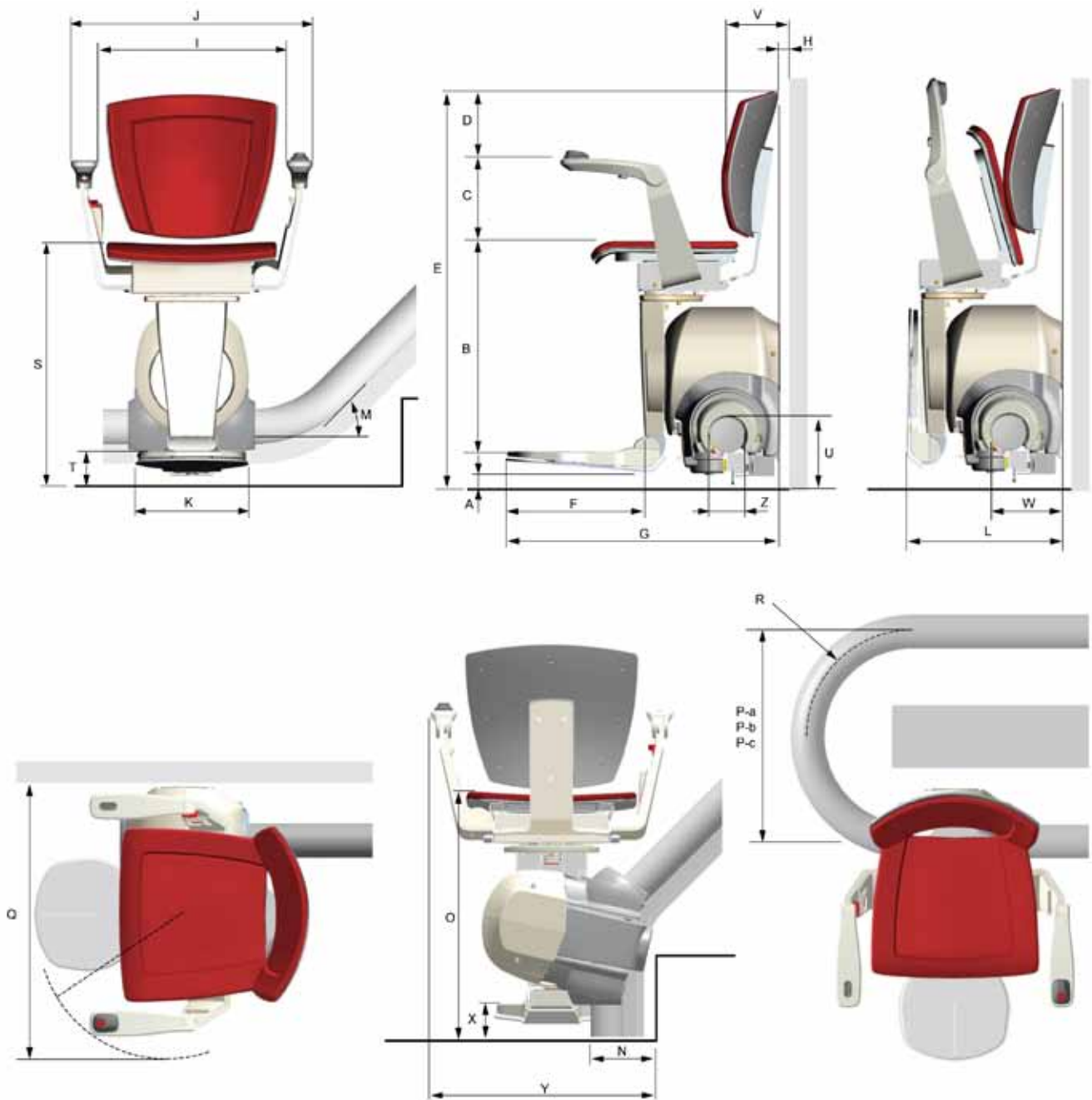
Max inclination Up to 56°.

Starting options Foldable rail.

OTHER PARTS

Remote controls UV mobile remote controls with light touch switches powered by 2 AA batteries.

Charge unit Wall mounted.



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 run on)	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 foodrest 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)	175	Z	Diameter of the tube	80

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 actuation 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 covered, 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 ph. AC motor, 0.5 KW.

Start Soft start en stop.

Electronics Micro processor control unit for main motorcontrol en leveller control.

Servicing Annually servicing is standard.

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 meters.

Rail wiring Through the rail.

Drive method Rollerwheel and rack mounted on back-bottom-side of rail.

Max inclination -75 to 75°.

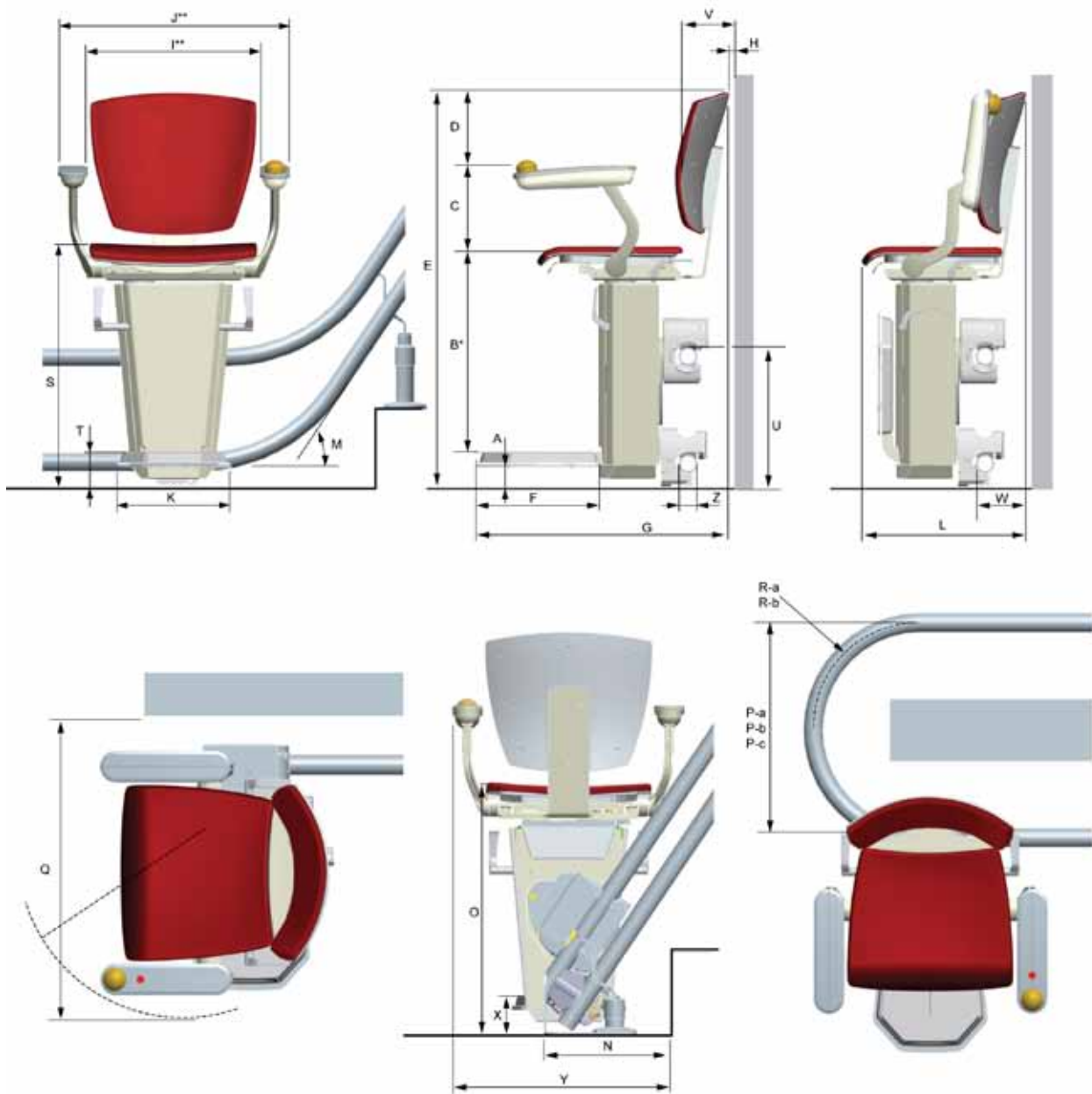
Starting options Parking curves - short start (minimal 165 mm before first riser).

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.

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 run on)	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: **455**
 Electric up/down footrest option (L = +50 mm): **365-520**

** Wide seat option: +50

OTOLIFT TWO DATASHEET



CHAIR

Seat type Armchair with swivel option left or right at top of stairs to provide face landing. Electric and manual actuation is possible.

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

Finish All steel parts are epoxy powder covered.

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°.

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 300 W.

Start Soft start and stop.

Electronics Micro processor control unit for motor-control.

Servicing Annual servicing is standard.

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 meters.

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.