



ALLIANCE
PLATFORM LIFTS

EXIT

APL

Inclined Platform Lift

ascendor

AL-PLATFORMLIFTS.CO.UK



Versatile and accessible.

The APL Inclined Platform Lift proves itself in both public and private use. Robust materials and user-friendly technologies make it an all-purpose solution for wheelchair users. The lift can also be provided with a fold-down seat for users with impaired mobility.

What is luxury for others is standard for us. Our aim is to make your daily routine as pleasant as possible. Experience user-friendliness at the highest level and face a new attitude towards life.



225kg

CARRYING CAPACITY

6–47°

INCLINATION

0.15m/s

MAXIMUM SPEED

IP54

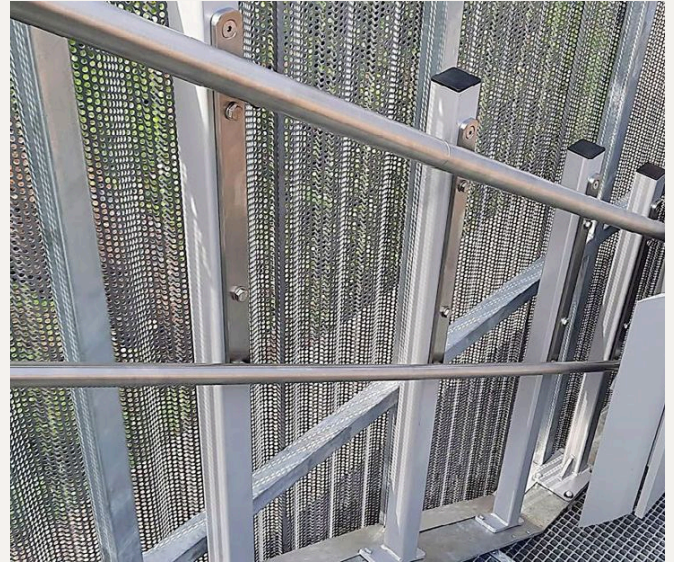
WEATHER RESISTANCE



Straight or curved, inside or out



Weatherproof for outdoor use
Straight, with comfortable folding seat (optional)



Stanchion mounted rail
Straight



Space saving in parking position
Curve



Wall mounting and special colour
Straight



Detailed overview

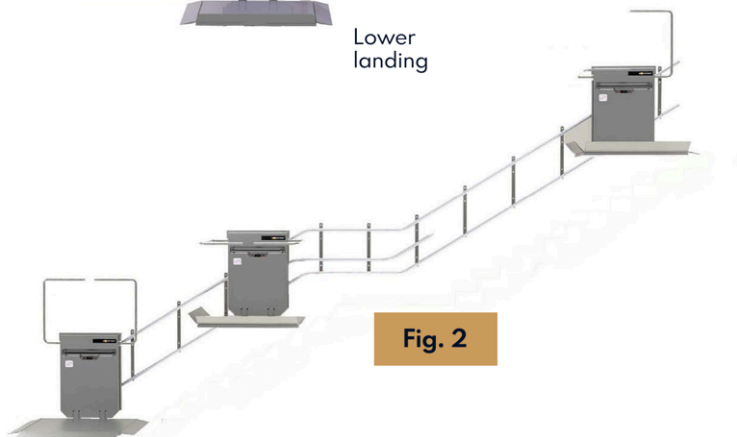
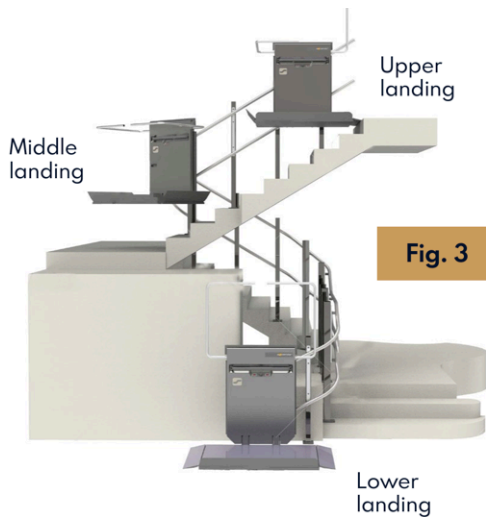


1	Automated safety arms	9	Access ramps
2	Wall-mounted remote control (standard)	10	Platform with anti-slip surface, can be closed with call buttons
3	Flush-mounted remote control (on request)	11	Optional front access possible
4	Handheld remote control	12	Lower drive rack, stainless steel
5	Operation on the lift, including up-down sensor buttons, emergency stop button and an emergency call button	13	Mounting bracket for wall mounting
6	Handrail	14	Parking possible above and below
7	Driving unit (standard RAL 9006; optionally in any RAL colour or stainless steel)	15	Upper rail, stainless steel (use as handrail possible if conforming to standards)
8	Power supply to charger housing on-site; optionally top/bottom	16	Info colour display



Platform lifts for straight and curved staircases

Intermediate landings can be overcome with a curved travel rail (Fig. 1) or by installing rails with elevation changes (Fig. 2). The travel rails can be mounted directly onto the walls or attached to steel stanchions (Fig. 2 & 3). Multi-level landings with parking places can be planned to suit individual requirements.





Product highlights



LED LIGHTING

With various adjustable LED colours and individual designs on the platform, the lift integrates harmoniously into its surroundings.



Info colour display

In the event of a malfunction, a colour display provides information about the cause and possible remedies.

In this way, 80% of all maintenance cases can be avoided. The display also provides information about the current operating status at a glance.



The functional remote control

The remote control is wireless via radio.



Voice annunciation

The lift can be provided with voice annunciation.

BATTERY POWERED

The lift is powered by batteries between stops. Thanks to this system, the lift remains operational even in the event of a power failure. However, if the lift is not charged for a longer period of time – for example, during a blackout – it switches off automatically to conserve the batteries.



Safe, simple and well designed

Safety

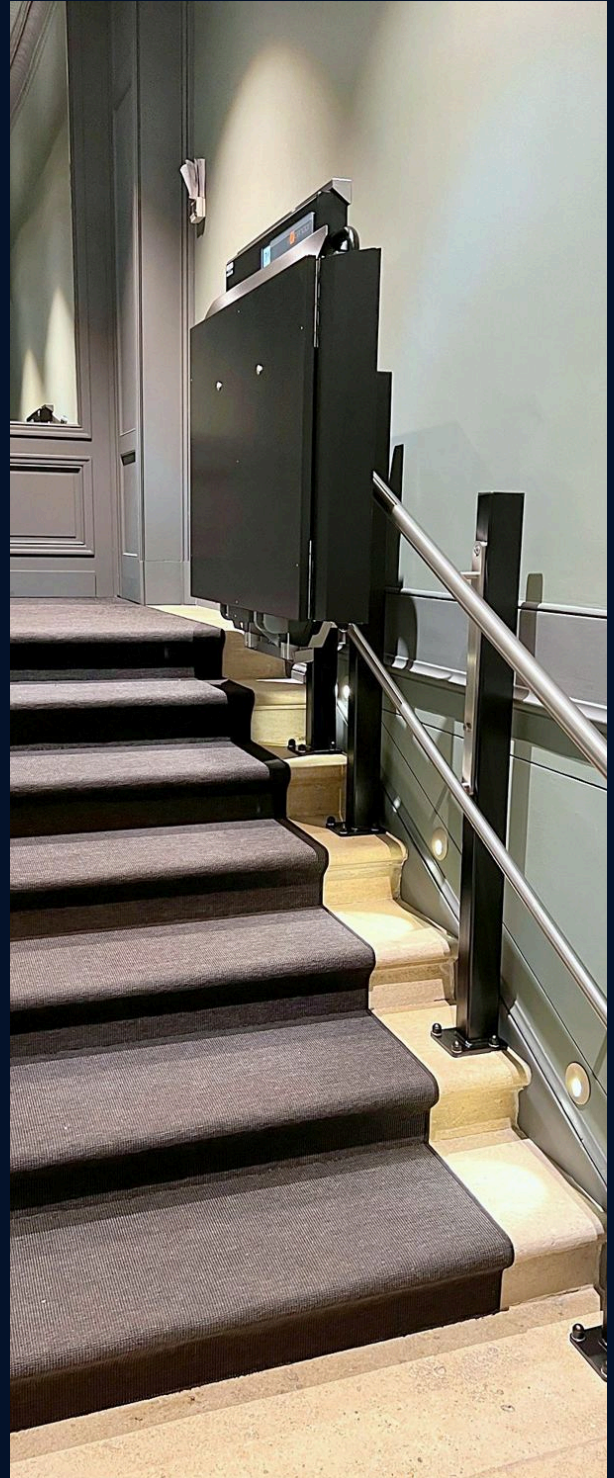
- I. Electrical emergency operation
- II. Upper rail can be used as handrail (conditionally conform to standards)
- III. 2-way emergency call system incl. SMS remote enquiry (optional)
- IV. Integrated fault memory/event history

Installation

- I. Easy and quick installation
- II. Short delivery times for standard version
- III. Good accessibility for maintenance

Design

- I. LED RGB lighting (optional)
- II. Minimum space requirement
- III. Full colour display with status indicator
- IV. Stainless steel tube standard





Specifications

BASIC EQUIPMENT

- Fully automated control of safety arms and platform
- Handrail and drive rack made out of stainless steel
- Sensor keys on touchpad
- Smooth start/stop and velocity reduction in the curve
- Emergency call button and emergency stop function
- Safety contacts on all sides
- 24V battery drive with charger
- Anti-slip nabs on platform
- Battery protection function - automatic shutdown when not charged

FLEXIBILITY

- Installation over several floors with stops possible
- Subsequent extension of the rail possible

COLOUR

- RAL 9006 silver metallic
- RAL colour upon request (optional)
- Stainless steel (optional)

REMOTE CONTROL

- Wall mounted, key operated remote control
- Handheld remote control

MATERIAL

- Steel/aluminium light-weight construction with powder coating
- Supporting components of galvanized steel
- Cover of scratch-resistant plastic

CARRYING CAPACITY

- 225kg standard (300kg optional)

TECHNICAL

- Touch-colour-display
- Integrated error memory
- Numerous adjustment possibilities
- Automatic folding of the platform possible

DESIGN

- RGB-LED lighting
- Individual design of the contact tray with personalised picture
- Voice output
- Comfortable folding seat (optional)
40 x 40 cm seat, max. 115 kg
- Mounting pillar for wireless wall switch

PLATFORM SIZES (MM)

- 800 x 800, 800 x 760, 800 x 710, 800 x 650
 - 900 x 800, 900 x 760
 - 1000 x 900, 1000 x 800*, 1000 x 760, 1000 x 710
 - 1210 x 830, 1250 x 800*, 1300 x 800
- *Possible in stainless steel

INCLINATION

- 6-47° (50° optional)

TRAVEL RAIL

- Clean stainless steel handrail
- Stainless steel rack
- Guide rail in desired colour (RAL, straight rails only)

SPEED

- Max. 0.15m/s

REQUIRED SPACE

- 25.5cm to 31.5cm when folded

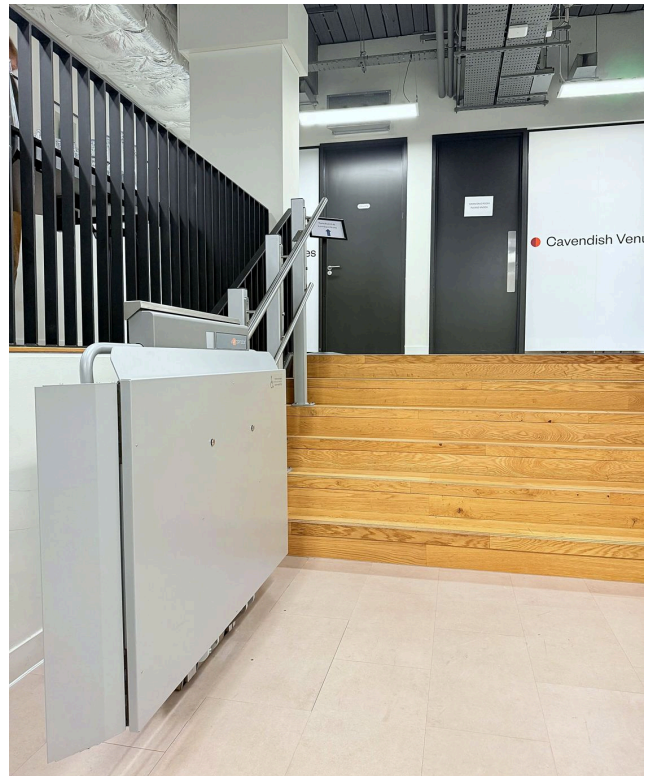
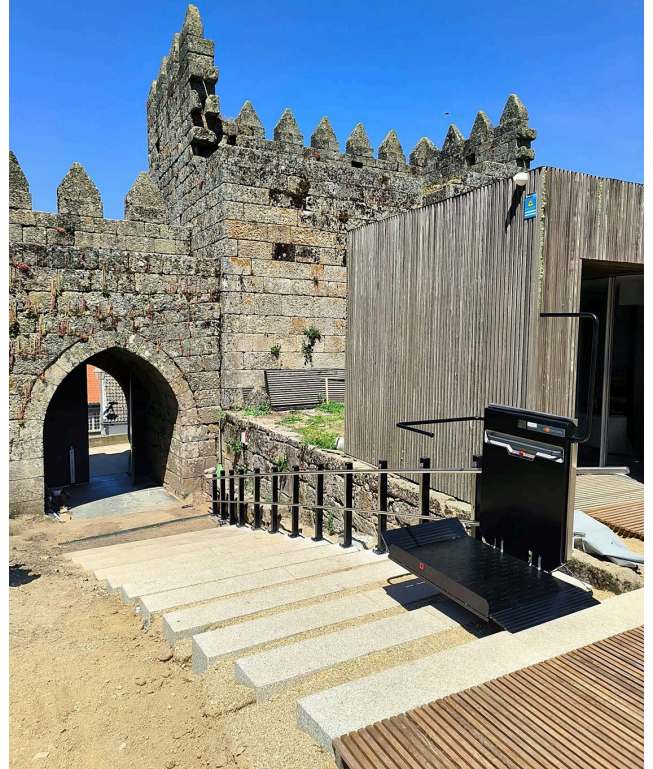
CERTIFICATIONS

- POTA - Certificate of EC-Type Examination according to the directive 2006/42/EG
- ISO9001 - quality management certificate

WEATHER RESISTANCE

- IP54 protection class, meaning internal components remain dry when splashed with water from all directions. This means that the device can be used outdoors.

Designed to fit in

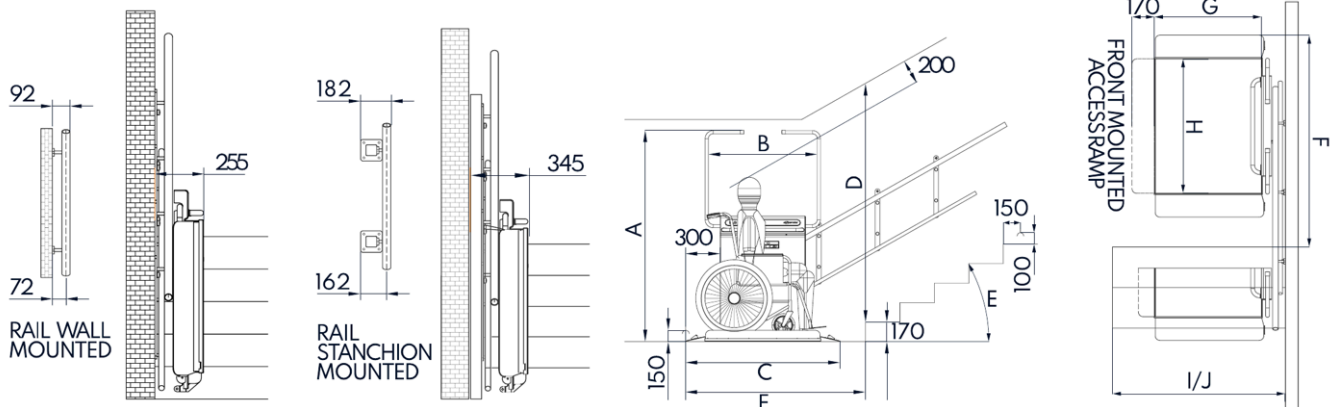




Required space: straight

Platform length (H)	800	900	1000	1210	1250	1300	800	900	1000	1210	1250	1300
E	D	D	D	D	D	D	F	F	F	F	F	F
15°	1791	1813	1834	1863	1868	1874	1680	1780	1880	2090	2130	2180
20°	1859	1888	1917	1955	1962	1971	1522	1622	1722	1932	1972	2022
25°	1933	1970	2007	2056	2066	2077	1462	1526	1626	1836	1876	1926
30°	2015	2062	2108	2168	2180	2194	1361	1461	1561	1771	1811	1861
35°	2110	2166	2222	2295	2309	2327	1314	1414	1514	1724	1764	1814
40°	2220	2287	2354	2442	2459	2480	1278	1378	1478	1688	1728	1778
45°	2350	2430	2510	2615	2635	2660	1249	1349	1449	1659	1699	1749
47°	2410	2495	2581	2694	2715	2742	1238	1338	1438	1648	1688	1738

Platform	Wall mounted		Stanchion mounted		Total length	Height barrier arm (open)	Barrier arm distance
H x G	I	J	I	J	C	A	B
800 x 650	850	1025	940	1115	1145	1696	830
800 x 710	910	1085	1000	1175	1145	1742	830
800 x 760	960	1135	1050	1225	1145	1742	830
800 x 800	1000	1175	1090	1265	1145	1842	830
900 x 760	960	1135	1050	1225	1245	1802	830
900 x 800	1000	1175	1090	1265	1245	1842	830
1000 x 710	910	1085	1000	1175	1345	1742	950
1000 x 760	960	1135	1050	1225	1345	1742	950
1000 x 800	1000	1175	1090	1265	1345	1842	950
1000 x 900	1100	1275	1190	1365	1345	1842	950
1210 x 830	1030	1205	1120	1295	1555	1842	1160
1250 x 800	1000	1175	1090	1265	1595	1842	1200
1300 x 800	1000	1175	1090	1265	1645	1842	1200



F = Space in front of first step (depends on 1st step height)
E = Slope of stairs
I = Minimum stair width

J = Minimum stair width for front access ramp
D = Required lintel height
The minimum stair width (I/J) takes into account 30mm clearance.

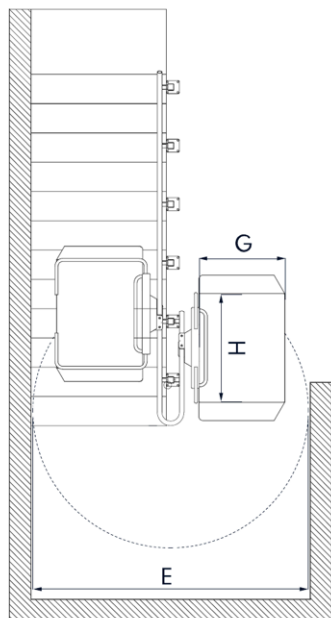


Required space: curve

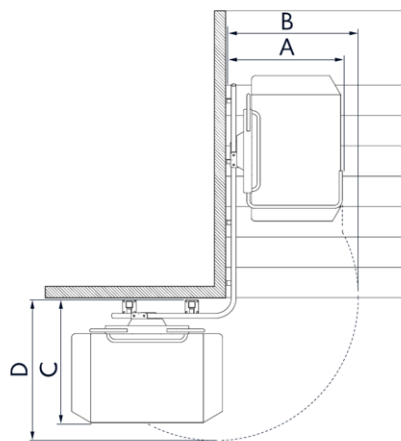
Platform	Wall mounted		Stanchion mounted		
H x G	A	B	C	D	E
800 x 650	890	995	960	1065	2010
800 x 710	950	1050	1020	1120	2120
800 x 760	1000	1095	1070	1165	2210
800 x 800	1040	1130	1110	1200	2285
900 x 760	1000	1115	1070	1185	2250
900 x 800	1040	1150	1110	1220	2325
1000 x 710	950	1100	1020	1170	2210
1000 x 760	1000	1140	1070	1210	2295
1000 x 800	1040	1175	1110	1245	2370
1000 x 900	1140	1265	1210	1335	2550
1210 x 830	1070	1255	1140	1325	2520
1250 x 800	1040	1240	1110	1310	2490
1300 x 800	1040	1255	1110	1325	2520

All dimensions in mm.

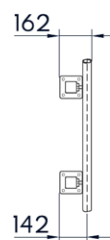
All values given relate to a bending radius of R = 150mm and a 47° steep curve and 60x60mm special stanchions.



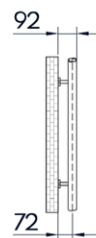
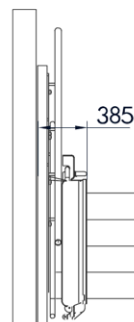
RAIL WITH
180°-CURVE



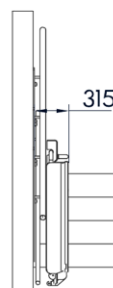
RAIL WITH
90°-CURVE



RAIL STANCHION
MOUNTED



RAIL
WALL MOUNTED



A = minimum width for wall mounting
 B = platform turning clearance for wall mounting
 C = minimum width for stanchion mounting
 D = platform turning clearance for stanchion mounting
 E = minimum swivel range 180°
 The minimum stair width (A/B) allows a 10mm clearance.



ALLIANCE

PLATFORM LIFTS

Designing, supplying and installing lifts
across the UK for over 15 years

DRAWINGS FOR SIGN-OFF

A layout drawing and builder's work
list for every project

24/7 SUPPORT

Maintenance and call-out through
our nationwide service network

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