

Technical data of the inclined platform lift Mod. LOGIC

Inclined platform lift for transport of disabled persons, conforming:	EEC 2006/42/CE (EN ISO 12100-1; EN ISO 12100-2; EN 81-40). EEC Electromagnetic Compatibility 2004/108/CE Electric installation conforming 2006/95/CE
Load capacity :	250 daN
Travel :	Straight steps, up to 10 m with uprated batteries, for longer travels please consult our technical department.
Speed:	0.1 m/s max.
Gradient:	variable, from 10° up to 45°
Rail overall Projection:	115 mm. fixing to supporting wall. 215 mm. Stanchion Mounted
Overall dimensions with platform in upright position :	350 mm. (fixing to supporting wall) 450 mm. Stanchion Mounted
Platform dimensions (W x L) :	Standard 750x700 mm ; 850x700 mm. Optional 750x600 mm; 750x650 mm; 1000x800 mm.
Stair width:	950 (standard platform 750x700 mm with fixing to supporting wall); 1050 (special platform 1000x800) (with fixing to supporting wall).
Version:	right or left hand version, set on installation, by means of electrical settings.
Installation:	indoor and outdoor ; operating range -15°C +60°C.
Fastening:	standard with screw-anchors or chemical anchors to a supporting wall ; or with stanchion posts to the steps and/or to the wall.
Electrical Supply:	
Nominal voltage required:	115÷240V (ac) 50÷60 Hz
Maximum power absorbed by the net:	0.68÷0.45 A
Power supply voltage:	24V (dc)
Maximum power on board machine:	0.54 Kw
Drive system:	Rack and pinnion. It is operated by a special gear controlled by an irreversible reduction gear and electric motor which is equipped with an electromagnetic brake acting for electricity shortage.

- Manual emergency operation :** The handwinding of the lift and the safety barrier arms with the manual raising of the platform enable you to fold the unit to the minimum overall dimensions to clear the stairs in case of emergency, electricity shortage, etc.
- Controls:** Constant pressure type, low tension, for upwards and downwards travel and parking (platform in upright position) ; wander lead for attendant control on board.
Option: controls enabled at the floors by a removable key.
- Operation:** Automatic version: platform and safety barrier arms motorised and PLC controlled.
Option : for lateral access, an automatic PLC controlled motorised ramp is available
- Safety devices:** low voltage controls; crushing, shearing and crash protection by means of safety micro-switches with fail safe operation ; safety barrier arms and ramps locked in safety position during the complete travel ;
Emergency STOP with manual reset on board.
Electric limit switches and safety electric limit switches with fail safe operation ; mechanical limit switches ; safety brake controlled by micro-switches with compulsory breakdown; handles ; anti-slip platform and ramps.
- Order supply:** Platform unit and components: powder painted; top and bottom rails made of silver anodized aluminum extrusion.
- Installation:** The customer must prepare a dedicated power supply with min. section 1,5 mm² conductors (live, neutral, earth), protected by a 4A fuse.

LOGIC • TECHNICAL DATA

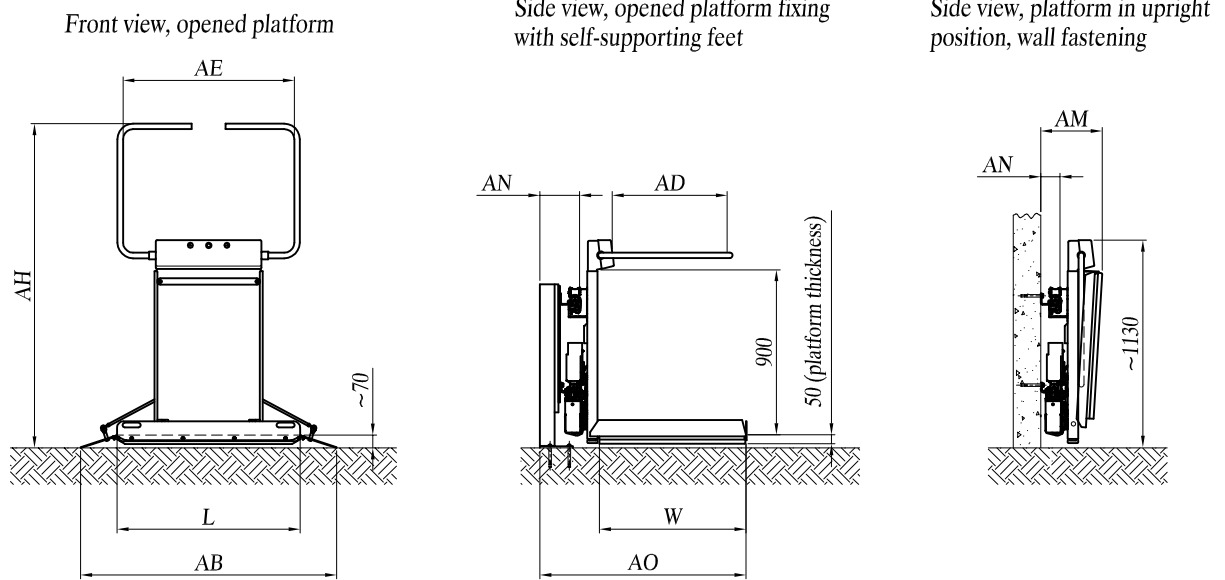


Table 1 - LOGIC minimum dimensions

L×W	Platform (length × width)	750×600	750×650	750×700	850×700	1000×800	1250×800
AB	Total platform length	1165	1165	1165	1265	1400	1650
AD	Total useful width within barrier arms	530	580	580	580	655	655
AE	Total useful length within barrier arms	745	745	745	825	975	1225
AH	Total height in parking position	1640	1690	1690	1690	1765	1765

Table 2 - Overall dimensions as per fixing kind

Fixing kinds		wall fastening	self-supporting feet
AN	Spacing between rail external side and wall	100	170
AM	Overall dimensions with closed platform	350	420
AO	Overall dimensions with opened platform *	950	1020

Table 3 - Features

Load capacity	250 Kg (daN)
Surmountable inclinations	10° ÷ 45°
Unit weight	150 Kg (daN) **
Rail weight	13 Kg (daN)/m
Main voltage	115 ÷ 240V (ac) 50 ÷ 60Hz
Max power absorbed by the net	0.68 ÷ 0.45 A
Control circuits voltage	24V (dc)
Maximum power on board	0.54 kW
Speed	0.1 m/s max.

* Overall dimensions AO are given for platform 750×700 and 850×700. For other platforms, see table 4.

** Platform 750×700.

LOGIC • EXAMPLE OF PLANT

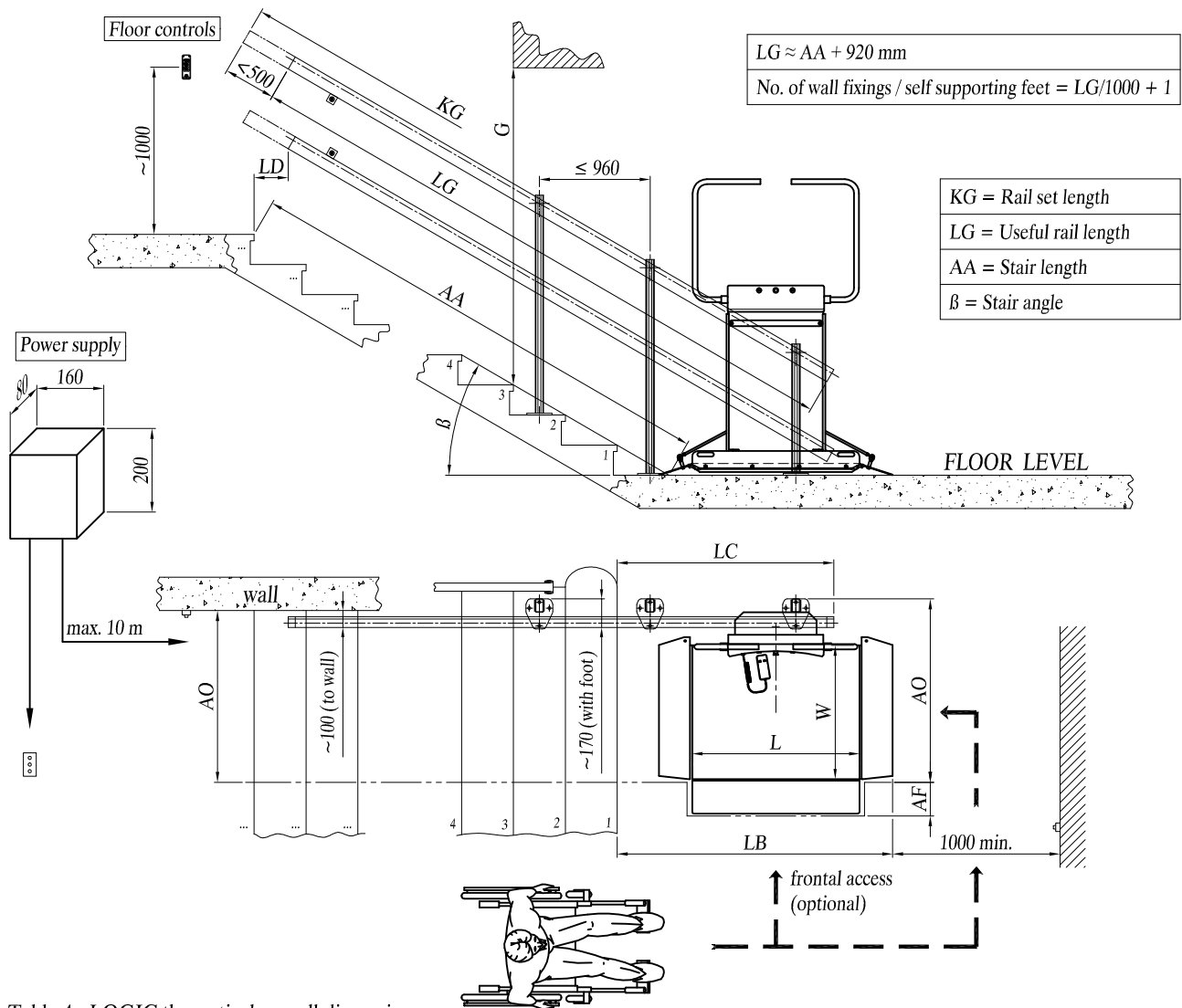


Table 4 - LOGIC theoretical overall dimensions

L×W	Platform (length × width)		750×600	750×650	750×700	850×700	1000×800	1250×800
β	Stair gradient		from 10° up to 45°					10° ÷ 42°
G	Min. height from step to ceiling	with β=15°	1630		1645	1665	1700	
		with β=30°	1820		1850	1890	1965	
		with β=45°	2170		2220	2295	2420	
LB	Overall dimensions platform in the parking *	with β=15°	1670		1770	1920	2170	
		with β=30°	1340		1440	1590	1840	
		with β=45°	1230		1330	1480	1730	
LC	Overall dimensions rail in the parking *	with β=15°	1500		1550	1625	1750	
		with β=30°	1130		1180	1255	1380	
		with β=45°	960		1010	1085	1210	
LD	Overall dimensions rail to the tall arrival		5 ÷ 125		55 ÷ 175	130 ÷ 250	255 ÷ 375	
AO	Overall dimensions with opened platform **	with fixing to wall	850	900	950	950	1050	1050
		with self-supporting feet	920	970	1020	1020	1120	1120
AF	Additional dimensions in parking lot with frontal access		+190					N/A

* Theoretical dimensions considering the value of the first rise equal to 180mm.

** The overall dimensions with opened platform AO must be increased of +25mm in case of frontal access (optional).