

Technical data of the inclined platform lift Mod. LOGIC

Inclined platform lift for transport of disabled persons, conforming: EEC 2006/42/EC (EN ISO 12100; EN 81-40). EEC Electromagnetic Compatibility 2014/30/EU.

Load capacity: 250 kg or 300 kg as an option.

Travel: Straight stairs, up to 18 m.

Speedy: 0,10 m/s max.

Gradient: Variable from 0° up to 45°.

Rail overall Projection:
100 mm, fixing to supporting wall.
120 mm, smaller stanchion mounted.
170 mm, stanchion mounted.

Overall dimensions with platform in upright position:
350 mm, fixing to supporting wall.
390 mm, smaller stanchion mounted.
420 mm, stanchion mounted.

Platform dimensions (L × W): 750×600 mm; 750×650 mm; 750×700 mm; 850×700 mm;
1000×800 mm; 1250×800 mm.

Stair width: 950 mm min. (platform 750×700 mm with fixing to supporting wall).
1050 mm min. (platform 1000×800 with fixing to supporting wall).

Version: Right or left hand version, set on installation, by means of electrical settings.

Operation: Indoor and outdoor; operating range -15°C +60°C.

Fastening: Standard with screw-anchors or chemical anchors to a supporting wall.
With stanchion posts, either standard or smaller, to the steps and/or to the wall.

Nominal voltage required: 100÷240 Vac - 50/60 Hz

Maximum current: 0,68÷0,45 A

Power supply voltage: 24 Vdc

Maximum power on board machine: 0,54 W

Drive system: Rack and pinion.

It is operated by a special gear controlled by an irreversible reduction gear and electric motor which is equipped with an electromagnetic brake.

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.

Controls: ON BOARD: Constant pressure type, low tension, for upwards and downwards travel and parking (platform in upright position) using touch button panel; wander lead for attendant control on board.

ON FLOORS: controls enabled at the floors by a removable key.

Operation: Platform and safety barrier arms motorised and completely controlled electronically.

Optional: an automatic motorised device for frontal access with ramp that interacts with the positions of the bars.

Safety devices: Low tension controls; squashing, shearing and crash protection by means of safety micro-switches with compulsory breakdown; safety barrier arms and ramps blocked in safety position during the complete travel; emergency STOP with manual reset on board; electric limit switches and safety electric limit switches with compulsory breakdown; mechanical limit switches; safety brake and overspeed governor controlled by microswitches with compulsory breakdown; handles; anti-slip platform and ramps; detection and overload stopping system on the platform.

Order supply: Machine body RAL 7011; platform frame and floor RAL 7011; side safety edges RAL 9006; stanchions and/or fixings to wall RAL 9006; top and bottom rails made of silver anodized aluminium extrusion.

Installation: The customer must prepare a dedicated power supply conforming the regulations in force, with min. section 1,5 mmq conductors (live, neutral, earth), protected by a residual-current circuit breaker (RCD) with maximal current of intervention equal to 30 mA and a 4 Ampere magnetothermic switch, curve C.