TECHNICAL DATA FOR MOD. A28-STEPPY PLATFORM LIFT
Lifting system for wheelchair users, for heights of 2000 mm max.

- Compliant with European Low Voltage Directive 2014/35/EEC;
- Compliant with European Electromagnetic Compatibility Directive 2014/30/EEC;
- Compliant with European Machinery Directive 98/37/EC (self-certification);

Versions:
- 80 (lifting travel 800 mm) with electric final limit switch;
- 160 (lifting travel 1,600 mm) with electric final limit switch;
- 200 (lifting travel 2,000 mm) with electric final limit switch;

Electricity Supply Line: at lower floor, power unit on board lift. Power unit for remote connection at distances of 3 or 6 metres available as optional. Electrical system to CEI standards;

Installation: the lift may be installed indoors or outdoors. The microswitches have IP65 and the electrical equipment box IP 54 protection;

Colour: gates and guards: black oxidised; lifting structure: black cataphoresis coated; platform edge, tubular guard support and on-board guard plate: RAL 7040;

Working load:
- 80: 400 kg;
- 160: 400 kg;
- 200: 400 kg;

Maximum Lifting Travel: 2,000mm;

Voltage: 230V single-phase; 50 Hz;

Pit:
- 80: depth 220mm;
- 160: depth 325mm;
- 2000: depth 360mm;

Platform: usable dimensions 1260x810 (min) and 1,400x1,110 (max) with 12 further intermediate combinations (1,260x860, 1,260x910, 1,260x960, 1,260x1,010, 1,260x1,060, 1,260x1,110, 1,400x810, 1,400x860, 1,400x910, 1,400x960, 1,400x1,010 and 1,400x1,060) for the 80 and 160 versions; dimensions 1,700x810 (min) and 2,200x910 (max) with a further intermediate combination of 1,700x910 for 200 version;
The platform surface is in non-slip embossed aluminium plate.

Lifting system: electrohydraulic, with power unit on board and automatic self-levelling as standard; power unit can be installed at a distance of 3 or 6 metres (as an optional);

Emergency lowering system: as standard, with control on-board the lift, by means of anti-black-out batteries; the platform descends to the lower level at constant speed;

Motor: 0.6 kW;

Speed: 0.06 m/sec;

Controls: hold-to-run operation with return to ground level after time-out at 15 minutes; 50x50 vandal-proof stainless steel backlit push-buttons with Braille markings both on the lift and at the floor as standard; wall or post-mounted radio remote control as optionals;

Auxiliary circuit: 24V-dc;

Safety systems: automatic overspeed safety valve;

Guards fitted on the lift: perforated steel plate enclosing panel with 35mm tubular support (available only for the 80 and 160 versions); additional steel plate panel available as optional; colourless clear glass panels available as optional;

Guards at lower floor: height at least 1100 mm plus height difference, with manually opened hinged door or gate (motor-operated on request); Electric lock to EN 81/1-EN81/2 standard; dual door closure control by means of lock plus tamper-proof safety microswitch;

Guards at upper floor: height at least 1100 mm, with manually opened hinged gate (motor-operated on request); Electric lock to EN 81/1-EN81/2 standard; dual door closure control by means of lock plus tamper-proof safety microswitch;

Hydraulic safety devices: descent speed control valve; safety valve integral in cylinder; check valve; pressure limiter on hydraulic circuit; With remote power unit, emergency lowering to ground level obtained by opening the valve by hand;

Mechanical safety devices: manual door unlocking with triangular key; crank mechanism for raising the lift, creating a “pit” underneath it;

Electrical safety devices: anti-blackout batteries for emergency lowering controlled from on-board the lift supplied as standard, on-board emergency button with buzzer; alarm buzzer system with revolving flashing light (at 6 metres from the lift) available as option;

Supply package: the system supply package consists of the following:

- Platform;
- Floor guards.

ITEMS TO BE INSTALLED BY THE CUSTOMER

The customer is required to make all necessary modifications required to the stairwell (before delivery), providing a water drain in outdoor installations with pit, and also to arrange for the handling of the parts delivered, at his own expense.

The customer is also responsible, at his own expense, for construction of the dedicated electricity supply line to our panel, with conductors having gauge of at least 2.5 mm^2 and differential security circuit breaker with rated load 8A and sensitivity 0.03A installed in a box with padlock fixture close to the unit control panel, having IP54 protection and earthed by means of 2.5 mm^2 cable. All expenses for making-good after installation and any testing procedures shall also be for the customer's account.

The lift's general power supply line shall also supply any door actuators installed.

The customer shall also ensure lighting of at least 50 LUX for the landings and lift platform, with switch adjacent to the platform.

Also to be supplied by the customer are a 16A utility power socket close to the control panel, automatic emergency light in lift shaft of 1Wx1 hour, and 24 VDC emergency alarm siren with independent power supply to be connected to the circuit (emergency button).

The customer is responsible for ensuring that the walls or floors have the strength needed for installation of the lift, and for fulfilling any obligations imposed by the relevant legislation.

N.B.: Data are guideline and not binding.
The manufacturer reserves the right to make any changes it considers appropriate.

25/11/2015