



Stylus is a Vertical stair lift that is easy to install and provides an optimal ride comfort.

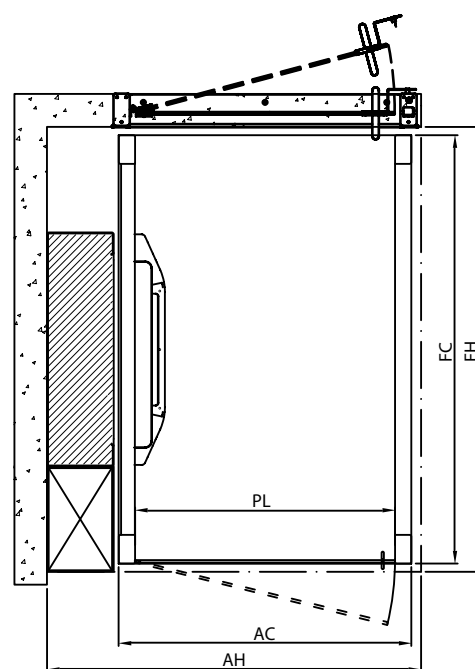
Stair lift STYLUS

The stylus stairlift is a RALOE product **designed to easily overcome architectural barriers** that provides access to buildings or mobility at home for those with reduced mobility or needing a wheelchair for their everyday life.

Compact, robust and ergonomic, the STYLUS is compliant with the European Machinery Directive 2006/42/CE or the norm EN 81-41.

► Applications & uses.

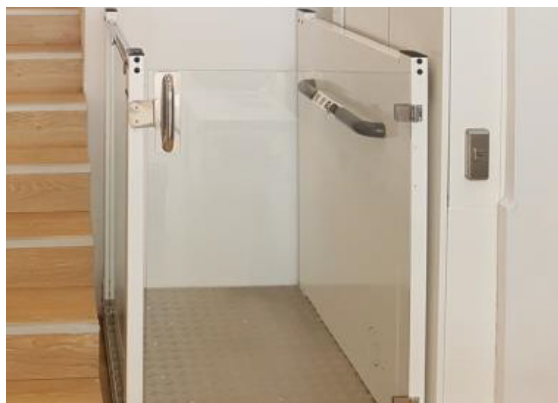
Residentials
Removal of Architectural barriers
Accessibility



Technical Features

Rated Load (Kg)	Up to 500
Rated Speed (m/s)	0,15*
Travel (m)	Up to 12
Power (CV)	2
Minimum Pit (mm)	130
Power supply	Single Phase

* VVVF control going up and Hydraulic Valve with 2 speeds going down for outstanding energy efficiency.



Features

Hydraulic power unit with VVVF inverter control and two speeds valve going down. Automatic re-levelling.

Column made of galvanized metal profiles every 500 mm, specific lift guide rails to guarantee a perfect chassis guiding and compliance with metal bending requirements according to EN81-20 standard.

Traction: 1:1, by means of a direct-acting hydraulic cylinder (up to 1.5 m travel and 2-stage telescopic, up to 3.0 m travel). For projects up to 12 m travel, hydraulic cylinder with 2:1 roping. With closed shaft and unitary verification.

Car Frame made of galvanized metal profiles and zinc-plated steel pallets.

Integrated COP, handrail type. Push buttons with Braille and acoustic indication for overload and emergency.

Doors: Self-supporting door frame with tubular profiles and tempered glass. Electric security lock with triangular key release. Height 1200 mm or 2000 mm.

Control panel with programmable and configurable automaton. 2 lines for viewing the status of the lift and simple programming. Pre-assembled and constant pulsation system.

Hydraulic power unit with motor powered by 240 Vac single-phase input voltage, ultra-quiet spindle pump and high-performance mechanical valve.

Maximum number of stops 4.

Standard dimensions: 900x1300 mm 180 or (800x1300 mm inside).



Security Systems

Automatic rescue system with UPS.

Anti-crushing device located under the cabin.

Certified **rupture Valve** EN-81.20 (on 2:1 projects)

Mechanical weighing device.

Constant pressure pushbuttons for secured platform movement.

Rescue system: by 240 VAC UPS, operating in down direction only in case of power supply failure.

Electric lock actioned by a triangular Key.

Anti-slip lift car flooring

Bellow option



In Raloe we have a product focused on overcoming the architectural barriers that prevent access to people with reduced mobility on short distances.

Compact, robust and ergonomic design. In accordance with the European Machinery Directive 2006/42/CE

► Applications & uses

**Residential
Removal of Architectural Barriers
Accessibility**



Technical Features

Rated Load (Kg)	Up to 385 kg depending on sizes
Speed Load (m/s)	0,15
Travel (m)	Up to 1
Minimum Pit (mm)	130 no ramp required
Power supply	Single-phase 220 Vac. Up to 1,5 KW, 12A.



Features

Frame made of tubular metal profiles and chequer plate metal sheet. Platform guiding by machined steel parts.

Open car with side enclosure at 1.2 m high or platform with fall prevention toe guards and guiding by curved steel tubes.

Access to the platform by means of mechanical or electrical ramp; for 130 mm minimum pit depth no ramp is required.

Electric security lock with triangular release key.

Push button integrated in doors, avoiding external installations. Adjustable latch bolt to secure the lock. Cylindrical silent block locking damper.

Car operating panel integrated in the handrail. Joystick, operating status LED and overload light.

Control panel and hydraulics cabinet. Control by means of programmable and configurable automaton. 2 lines for viewing the status of the lift and easy programming.

Traction by means of 2 single-acting hydraulic cylinders and central with silent screw pump and rupture valve regulated and certified according to EN 81-20 & 50.

Sizes:

900 x 1.540 mm (800 x 1.540 mm interior).
1.000 x 1.540 mm (900 x 1.540 mm interior).
1.200 x 1.540 mm (1.100 x 1.540 mm interior).

Factory set rupture valve in compliance with EN 81.20.

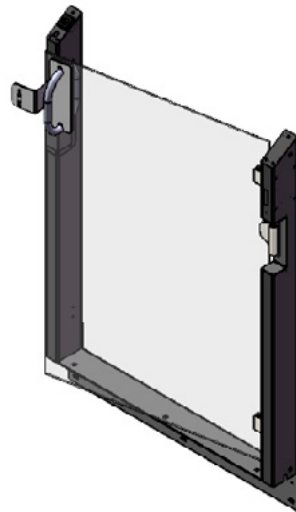
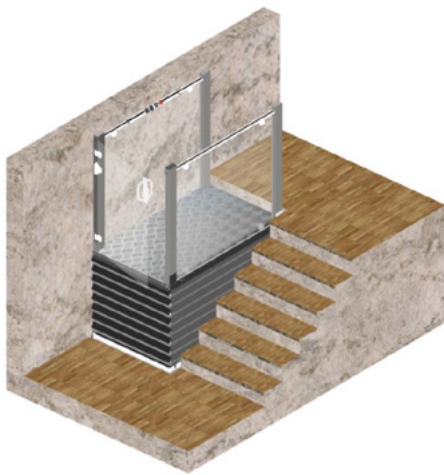
Electric security locks with presence and bolt control and triangular release key.
Hydraulic load weighing device.

Permanent pressure type push buttons with braille and light.

Emergency STOP.

Perimeter protection bellows with sensitive edges for improved safety.

Battery-operated rescue system; operation only when lowering in the event of a power failure.



Options

Landing operating panels:
Key-switches.

Pushbutton: (standard)

Wireless pushbutton

Car entrances: 90°, 180°, 270°
Telephone in cabin.
Photocells on handrails.
Photocells in car entrances

Doors: Half door in car, height 1.200 mm full glass.
half-door in landings, height 1.200 mm full glass.
Landing door height 2.000 mm full glass.

Hinged access ramp:
(compulsory if the pit is less than 130 mm).

Outdoor control panel.

Mechanical door closer.

Automatic doors.

Finishes: in EPOXI paint or stainless steel.
(standard EPOXI Colours RAL 9010 + RAL 9006).
For Weatherproof applications, stainless steel AISI 304 and 316 finishes are also available)