



Orona

# Platform Lifts

Internal & External use



# Orona Platform Lifts, increased accessibility and easy installation

- It is a legal requirement for all public buildings to offer equal access for persons with impaired mobility, but it's important to find a solution that allows you to satisfy this requirement without disrupting your building.
- The Orona Platform Lift is a revolutionary disabled access lift, offering secure, comfortable access up to 6 floors.
- It comes with its own self-supporting enclosure, so it doesn't require a separate lift shaft, meaning it can be used in buildings where more conventional elevators would be impractical.
- We have extensive experience in the supply and installation of lifts.
- Team of highly qualified professionals to provide service throughout the lifetime of your lift.
- Enjoy all the benefits of our Platform Lifts solutions:

## Accessibility

- Easier access for elderly and persons with impaired mobility.
- Comfortable access to all areas of the building.
- Smooth operation and accurate levelling to floor.
- User friendly solution.

## Adapted to the building

- Easy to install with minimal disruption to the building.
- Self-supporting enclosure that doesn't require a separate lift shaft.
- Suitable for internal or external use.
- Wide range of aesthetic finishes to suit any environment.

## Safety

- Fully compliant with European Directives and Standards.
- Two way communication options available (EN 81-41).

## Energy-efficiency

- Low energy consumption drive.
- LED lighting.



Internal use



External use

## Unique combination of features and benefits

Lifting Height	Max 13.0 m
Speed	0.15 m/s VVVF
Landings	2 to 6
Rated Load	400, 500, 800 or 1000 kg (depending on model).
Headroom	2300 mm above top finished floor (minimum).
Supply Voltage	Single-phase 240V/16A - 3 phase 415V/20A-32A (depending on model).
Lift Shaft	Includes self-supporting enclosure. No conventional elevator shaft required. Shaft height on top floor is 2300 mm, or 1100 mm with half-door. Lifting eye may be required depending on model.
Shaft Finish	Plastic film laminated hot galvanized steel - Dobel - 1072 -1166 - 1112 - 1110 Other Dobel colours available. The shaft can be glazed on all four sides (optional).
Doors	Non fire rated manual swing door with hidden hinges and closures as standard. Alternative options available.
Pit	50 to 100 mm depth. (Depending on model) Alternatively a ramp.
Platform	L-shaped platform with safety edge.
Lighting	Lighting in shaft ceiling with full-height door at top. Platform equipped with battery-backed LED lighting.
Control System	Programmable Logic Controller with manual emergency lowering.
Alarm	Emergency buzzer with continuous-charged battery in the control unit.
Two Way Communication	Two way communication required under EN81-41 options available; telephone, auto-diallers, two way intercom. (phone lines and cables by others).
Options	Alternative dobel colours, glazed shaft, automatic doors, key operation, automatic locking, electrical emergency lowering, fire park on pre-determined floor.
Certification	Constructed, tested and approved to comply with European Machinery Directives 2006/42/EC, In compliance with Part M Building Regulations and designed to meet the requirements of BS 6440 and EN 81-41.

Use	Model	Car Size	Internal Shaft	Shaft Required	Door Size
	PL400	850 mm x 1250 mm	1145 mm x 1350 mm	1190 mm x 1390 mm	800 mm
		1100 mm x 1400 mm	1400 mm x 1500 mm	1440 mm x 1520 mm	900 mm
		1400 mm x 1100 mm	1765 mm x 1140 mm	1800 mm x 1190 mm	900 mm
	GPL501	850 mm x 1250 mm	1050 mm x 1350 mm	1090 mm x 1390 mm	750 mm
		1100 mm x 1400 mm	1300 mm x 1500 mm	1340 mm x 1520 mm	900 mm
	GPL800	1100 mm x 1700 mm	1500 mm x 1800 mm	1540 mm x 1820 mm	900 mm
	GPL1000	1200 mm x 2100 mm	1600 mm x 2200 mm	1640 mm x 2220 mm	1000 mm

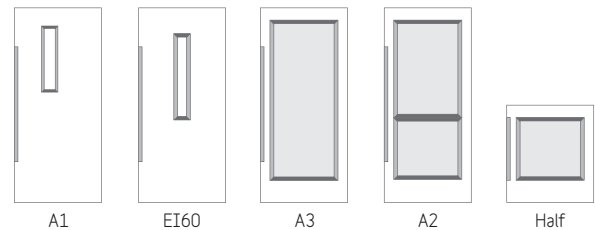
# Our flexible design options make it easy and inexpensive to customise the lift to suit your requirements

- Any combination of glass and solid walls.
- Doors can be fitted on up to 3 sides, right or left-hand hinged on any side.
- Key switch operation option, in combination with "school locking", gives extra safety in environments where children are present.
- Emergency communications.
- Audible indication on landing levels by voice synthesizer and arrival gong.
- Remote landing call stations to facilitate easy operation by wheelchair users.
- Platform overload indicator.
- One touch calling on all landings.

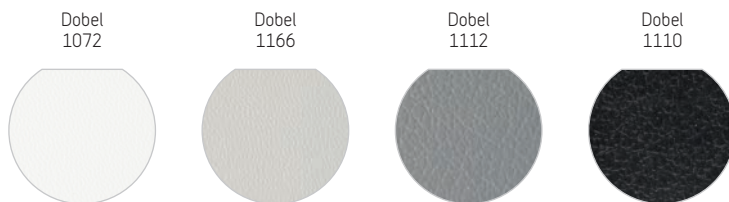


## Doors

- Single or double swing doors.
- Full or half height doors.
- Manual doors with door closer, or automatic door openers (option).
- Fire-rated doors available.
- Stainless steel handrail.



## Colours



Other dobel colours available as option

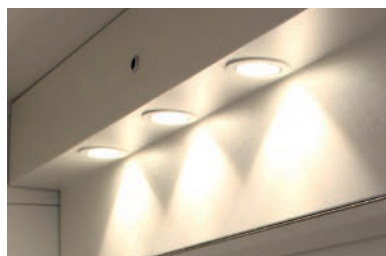
## Lift Control Panel Landing Call Stations



Constant pressure on platform, one touch on landings.

Push buttons or key switch.

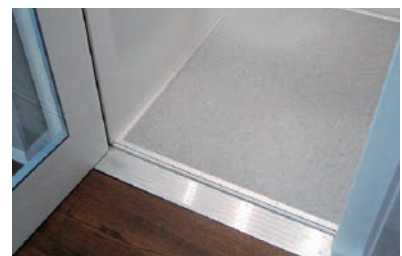
## Lighting



LED lighting in shaft ceiling (except with half height door).

Platform equipped with battery-backed LED lighting.

## Flooring



Tarkett Granit Safe Tile.  
Checker plate for goods lifts.

Alternative colours as optional extra.