

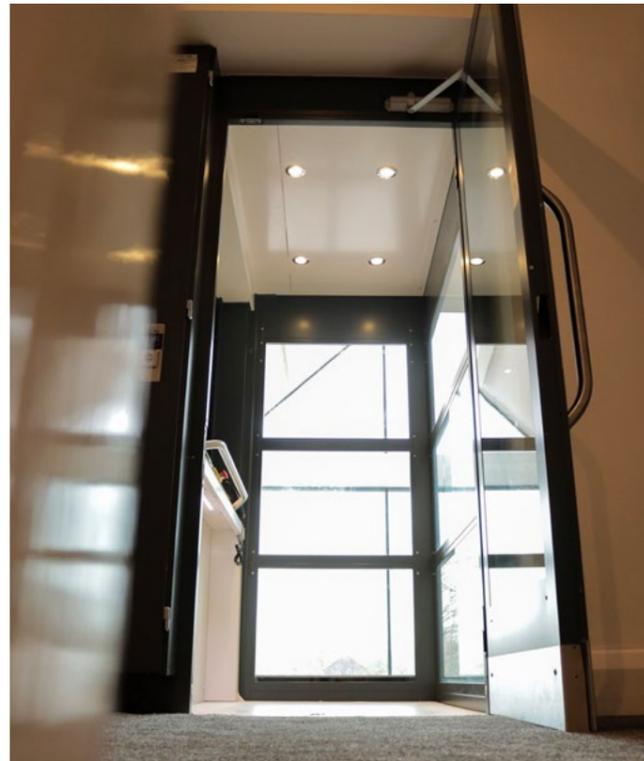
APL4 Traction Drive Platform Lift



Why choose APL4

The APL4 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.



Features and Benefits

It's environmentally friendly.

- Oil-free drive system.
 - 75% lower energy consumption than most platform lifts.
 - Automatic on/off shaft lighting.
 - LED lights.
- 0.55kW power consumption, instead of the 2.2kW common in the industry, substantially reducing operating costs.

It's safe.

As the chain is confined to a track along its whole length, it can never derail. Even if the chain should break, the drive system will still bring the platform to a totally safe position.

Specifications

Lifting height:	Max 15m
Speed:	0.15 m/s VVVF
Landings:	2 to 6
Rated load:	500kg
Headroom:	2230mm above top finished floor (minimum)
Supply voltage:	Single-phase 230-240V/16A
Drive system:	Guided chain system with lifecycle greased gear and 0.55kW asynchronous motor. Including safety gear with integrated self-supervised overspeed governor.
Lift shaft:	Includes self-supporting enclosure. No conventional elevator shaft required. Shaft height on top floor is 2200mm, or 1300mm with half-door.
Shaft finish:	Powder-coated standard finish in Snowberry White (RAL 9010), semi standard Jet Black (RAL 9005), or semi standard Anthracite Grey (RAL 7016) can be delivered as prime finish if local painting required. Other RAL colours on request as an option. The shaft can be glazed on all four sides (optional).
Doors:	1d non fire rated manual swing door as standard, alternative options available.
Pit:	60mm depth. Alternatively a ramp.
Platform:	L-shaped platform with safety edge. *Alternative size available on request.
Lighting:	LED lighting in shaft ceiling with full-height door at top platform equipped with battery backed LED lighting.
Control system:	PLC system. Manual emergency operation. Electrical emergency lowering required over 3m travel.
Alarm:	Emergency buzzer with continuous-charged battery in the control unit at the upper level.
Two way communication:	Two way communication required under EN81-41 options available, telephone, auto-diallers, etc. (phone lines and cables by others).
Options:	Factory paintwork, glazed shaft, automatic doors, telephone, autodialler intercom system, key operation, automatic locking, electronic emergency lowering, fire park.
Certification:	Constructed, tested and approved to comply with European Machinery Directives 2006/42/EC, and Swedish standard SS2097-7 full stop. Fully compliant with Part M Building Regulations and designed to meet the requirements of BS 6440, ISO 9386-1 and EN 81-41.



Car size	Internal shaft	Structural opening
1020mm x 1480mm	1150mm x 1560mm	1180mm x 1590mm
1120mm x 1480mm	1250mm x 1560mm	1280mm x 1590mm
1220mm x 1480mm	1350mm x 1560mm	1380mm x 1590mm
1020mm x 870mm	1150mm x 950mm	1180mm x 980mm
1120mm x 870mm	1250mm x 950mm	1280mm x 980mm
1220mm x 870mm	1350mm x 950mm	1380mm x 980mm
1020mm x 1680mm	1150mm x 1760mm	1180mm x 1790mm
1120mm x 1680mm	1250mm x 1760mm	1280mm x 1790mm
1220mm x 1680mm	1350mm x 1760mm	1380mm x 1790mm
1120mm x 1170mm	1250mm x 1250mm	1280mm x 1280mm

Our flexible design options make it easy 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.
- Braille buttons.
- Audible indication on landing levels by voice synthesizer and arrival gong.
- Remote landing call stations to facilitate easy operation by wheelchair users.
- Single press operation on landings.
- Platform overload indicator.



Doors

Swing door 800, 900 and 1000mm available.

Full or half height (door height on top floor 2000mm or 1300mm).

Manual doors with door closer, or automatic door openers (option).

Door design comes in eight choices.

Fire-rated doors available.

Stainless steel or wooden (Teak or Oak) door handles (option).

Colours

Standard colour is white RAL 9010.

Alternative RAL colours available (option).

Lift Control Panel /Landing Call Stations

Constant pressure on platform, single press on landings.

Push buttons or key switch.

Large-size buttons (50mm x 50mm).

Lighting

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

Platform equipped with battery-backed LED lighting.

Flooring

Standard Tarkett Granit 18383, 18780, 18772.

Alternative colours as optional extra.





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