



ALLIANCE  
PLATFORM LIFTS

APL

# Hydraulic Goods Lift

[AL-PLATFORMLIFTS.CO.UK](http://AL-PLATFORMLIFTS.CO.UK)

# APL Hydraulic + Attendant

## Operator on board

All of our goods lifts are certified for operator on board control.  
This option has a specific outfitting which includes:

## Protection panel

The operator is protected from moving parts by a 1800mm height painted metal panel.



## Push-button panel controls

Dual control with hold-to-run to ensure operator safety.  
Emergency dialer system landline or GSM.  
Automatic descent to the lower floor in case of power failure.





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### Perimetral photocells

The perimeter of the platform is controlled by double-ray photocells to ensure the correct positioning of goods and operator safety.



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### Chain-loosening sensor

The safety coefficient of the chains is above 8, and a sensor controls the slackening of each chain.



# Enclosure

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## Standard

The standard system includes the lifting platform, which can be equipped with different accessories.

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## On-board parapets

Available as 1100mm (standard height) or 1800mm (maximum height).

Parapets are made of blind metal sheet cladding (painted RAL9006) and are installed on one, two, or three sides of the platform.





# Finishes

Different surface treatments suitable for any application.

Hot-dip galvanisation for systems exposed to bad weather conditions, or where higher protection from aggressive agents is required.

Elements such as sliding guides and cylinders can be treated with special paints, such as anti-acid zinc primer or marine cycle paint, for greater resistance to saline atmospheres.

For food industries, all surfaces can be made of stainless steel AISI class 304 or 316.

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## Standard painting

Epoxy 21 powder paint available in standard colours RAL7016 and RAL9006 metallic.

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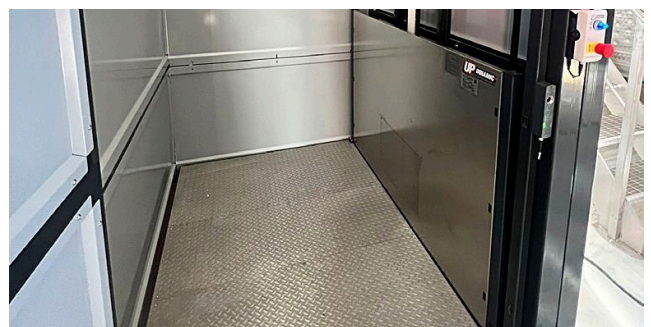
## Outdoor installation

Customisable paint with options for corrosive environments, including anti-acid zinc or marine primer.

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## Stainless steel

Appropriate for food processing industries, stainless steel is available on class 304 or 316, with the option for smooth or embossed metal sheets.





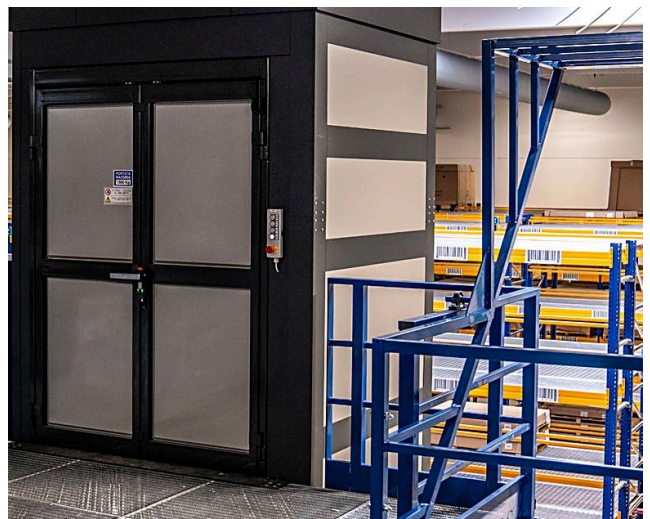
# Metal structure

## Self-supporting

The structure can be completely self-supporting with a capacity of up to 600kg.

The structure does not need anchoring to landings and is a suitable solution for industrial mezzanines.

Custom structures with anchoring requirements are also available for higher capacities.





# Landing doors

We can supply different landing doors (manual or automatic) depending on the application. These doors are compliant with safety regulations.

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## Swing doors

Heavy-duty swing doors, compliant with EN1090 safety standards.

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## Fire doors

Where required, we can supply fire-rated doors (EI60 and EI120) with safety locks.

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## Roller doors

Max dimensions: 6000 x 5000mm.

Controlled by an interface card to disconnect motor power supply and includes a magnetic safety contact with RFID technology.

Available versions: roller shutter, sectional door.

Standard colour: RAL 9006.



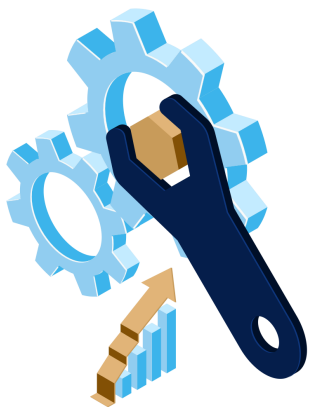
# U-cloud



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## From goods lift to the cloud

All the information and data of your goods lift at your disposal on your U-cloud.

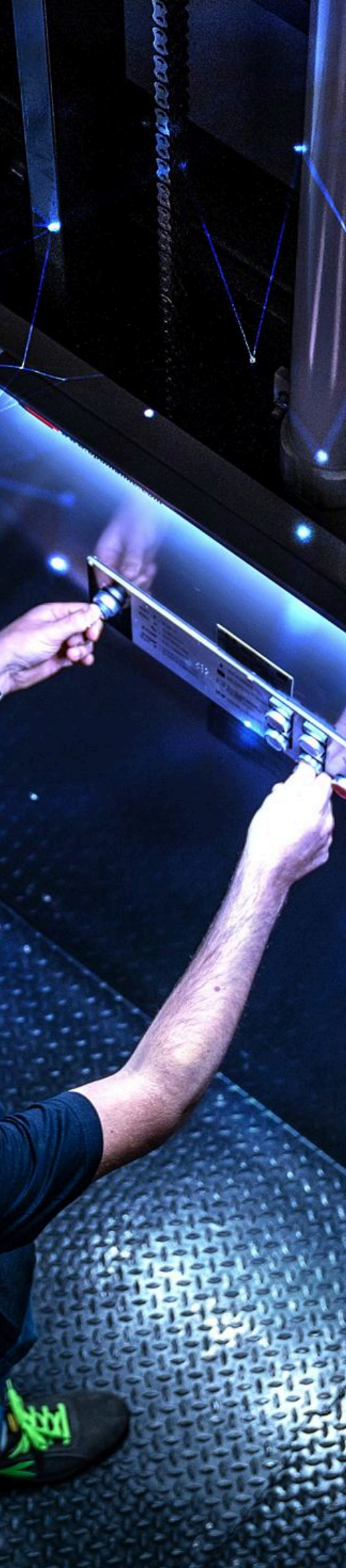


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## Predictive maintenance

Check your goods lift indicators in real time for predictive maintenance.

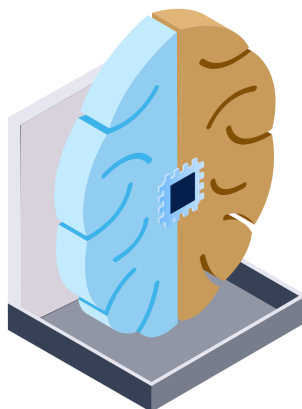




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### Integrated remote monitoring

Integrated remote monitoring allows you to manage all your goods lift installation in one portal.



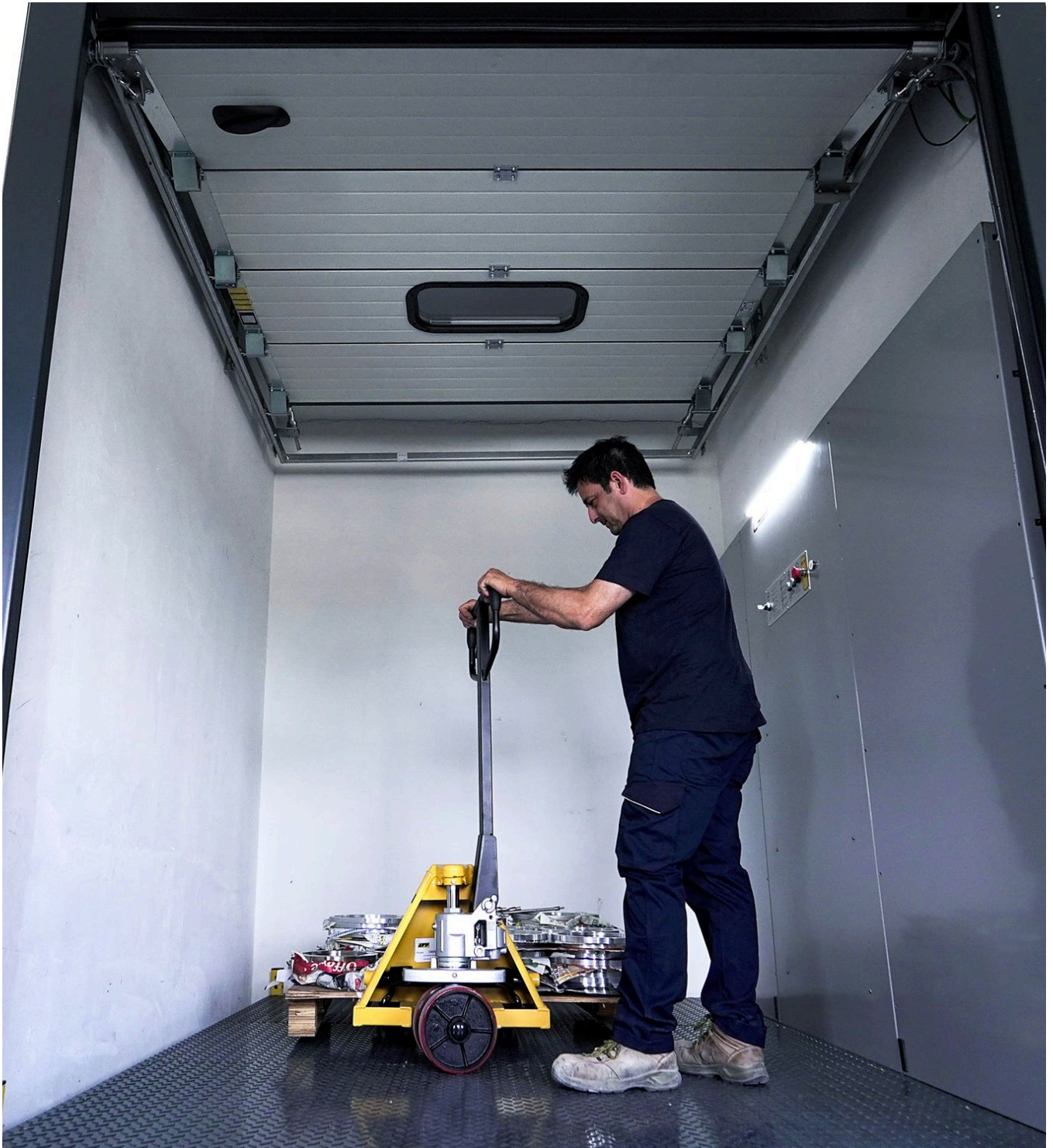
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### Smart Industry

Interconnect your goods lifts with other Industry 4.0 automation.



Single cylinder hydraulic lifting system certified for transport of goods and one operator on board. Capacity ratings from 300kgs up to 2500kgs.

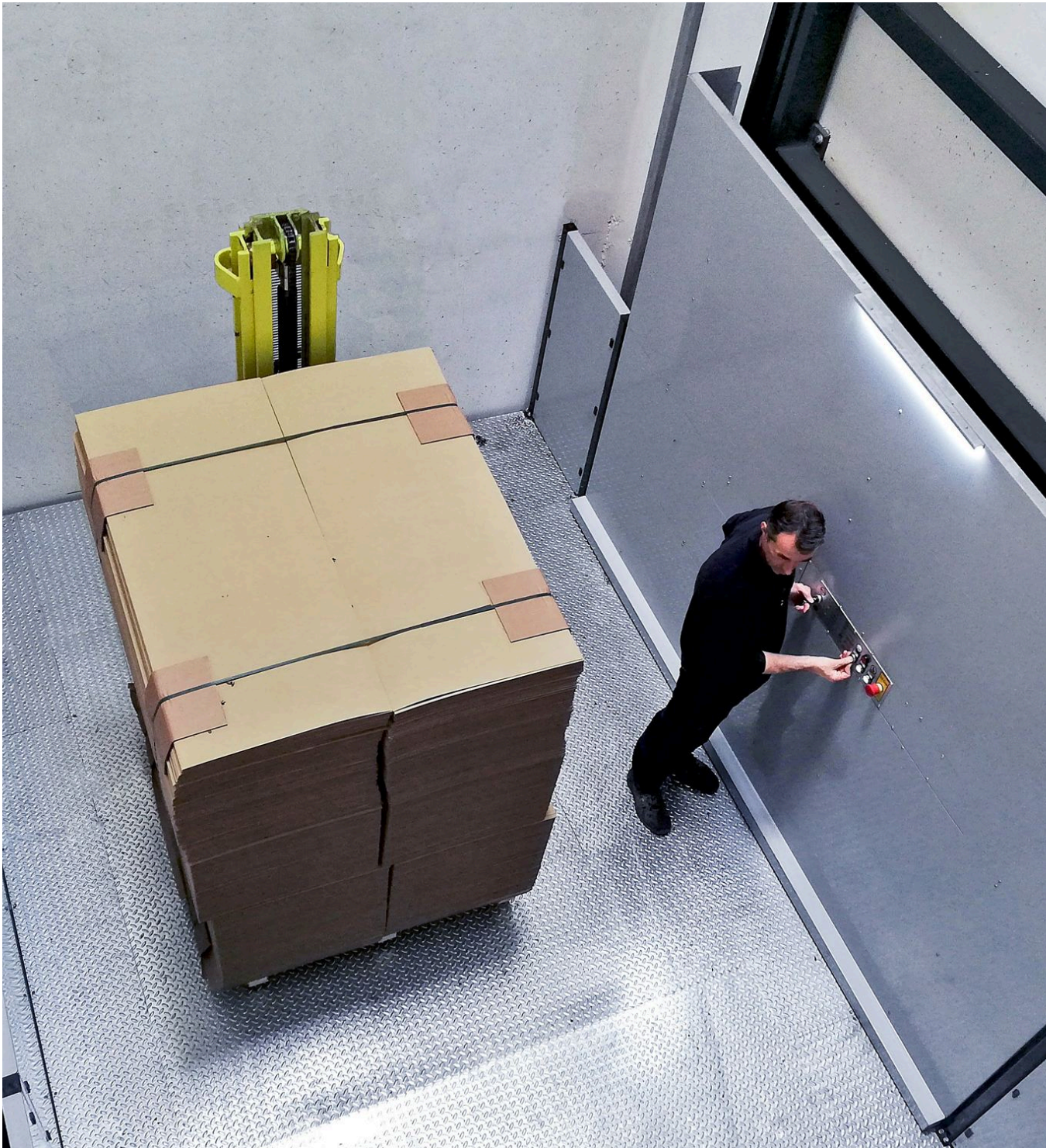




| Maximum capacity (kg)                | 300               | 600               | 1000              | 1500              | 2000              | 2500              |
|--------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Maximum travel (m)                   | 7                 | 7                 | 16                | 16                | 16                | 16                |
| Number of stops                      | 5                 | 5                 | 5                 | 5                 | 5                 | 5                 |
| Accesses                             | 1/2/3             | 1/2/3             | 1/2/3             | 1/2/3             | 1/2/3             | 1/2/3             |
| Platform depth (mm)                  | 1300              | 1300              | 2000/2500         | 1700/1900         | 2000/2400         | 1800/2000         |
| Platform width (mm)                  | 1700              | 1700              | 2800/2500         | 2500/1900         | 2800/2400         | 2500/2000         |
| Pit (mm)                             | 120               | 120               | 150               | 150               | 250               | 250               |
| Minimum headroom (mm)                | 2150              | 2150              | 2150              | 2150              | 2150              | 2150              |
| Brackets distance (mm)               | 600               | 600               | 1000              | 1000              | 1000              | 1000              |
| Guide gauge (mm)                     | 660               | 660               | 1000              | 1000              | 1000              | 1000              |
| Cylinder load (kN)                   | 12                | 18                | 30                | 35                | 40                | 45                |
| Minimum speed (m/s)                  | 0.10              | 0.10              | 0.10              | 0.10              | 0.10              | 0.10              |
| Maximum speed (m/s)                  | 0.15              | 0.15              | 0.15              | 0.15              | 0.15              | 0.15              |
| Floor operation                      | Automatic         | Automatic         | Automatic         | Automatic         | Automatic         | Automatic         |
| On-board operation                   | Operator on board | Operator on board | Operator on board | Operator on board | Operator on board | Operator on board |
| Power supply                         | Single-phase      | Single-phase      | Three-phase       | Three-phase       | Three-phase       | Three-phase       |
| Switchboard                          | Pre-wired         | Pre-wired         | Pre-wired         | Pre-wired         | Pre-wired         | Pre-wired         |
| Clamping levelling device (standard) | 1                 | 1                 | 2                 | 2                 | 2                 | 2                 |
| Additional mechanical hooks (total)  | 3                 | 3                 | 4                 | 4                 | 4                 | 4                 |
| Anchoring walls                      | 1                 | 1                 | 1                 | 1                 | 1                 | 1                 |
| Number of cylinders                  | 1                 | 1                 | 1                 | 1                 | 1                 | 1                 |
| Basic motor (kW)                     | 1.5               | 2.2               | 3                 | 4                 | 4                 | 5.5               |
| Hydraulic oil                        | Supplied ISO32    | Supplied ISO32    | Supplied ISO32    | Supplied ISO32    | Supplied ISO32    | Supplied ISO32    |
| Pipe length (mm)                     | 3000              | 3000              | 3000              | 3000              | 3000              | 3000              |
| Maximum working pressure (bar)       | 80                | 95/115            | 90/120/140        | 110/145/180       | 145/195           | 165               |



Two and four cylinder hydraulic lifting system certified for the transport of goods and one operator on board. Capacity ratings from 3000kgs up to 5000kgs.





|                                      | STANDARD          |                   |                   |                   |                   |                |
|--------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------|
|                                      | 2500              | 3000              | 3000              | 4000              | 4000              | 5000           |
| Maximum capacity (kg)                |                   |                   |                   |                   |                   |                |
| Maximum travel (m)                   | 16                | 16                | 16                | 16                | 16                | 16             |
| Number of stops                      | 5                 | 5                 | 5                 | 5                 | 5                 | 5              |
| Accesses                             | 1/2/3             | 1/2/3             | 1/2/3             | 1/2/3             | 1/2/3             | 1/2/3          |
| Platform depth (mm)                  | 2500              | 2500              | 3000              | 2500              | 3000              | 3000           |
| Platform width (mm)                  | 6000              | 5200              | 6100              | 4500              | 6000              | 6000           |
| Pit (mm)                             | 250               | 250               | 300               | 300               | 1150              | 1150           |
| Minimum headroom (mm)                | 2400              | 2400              | 2400              | 2400              | 2200              | 2200           |
| Brackets distance (mm)               | 1000              | 1000              | 1000              | 1000              | 1000              | 1000           |
| Guide gauge (mm)                     | 2100              | 2100              | 2900              | 2900              | 2500              | 2500           |
| Cylinder load (kN)                   | 38                | 38                | 40                | 48                | 25                | 30             |
| Minimum speed (m/s)                  | 0.10              | 0.10              | 0.10              | 0.10              | 0.10              | 0.10           |
| Maximum speed (m/s)                  | 0.15              | 0.15              | 0.15              | 0.15              | 0.15              | 0.15           |
| Floor operation                      | Automatic         | Automatic         | Automatic         | Automatic         | Automatic         | Automatic      |
| On-board operation                   | Operator on board | Operator on board | Operator on board | Operator on board | Operator on board | Not available  |
| Power supply                         | Three-phase       | Three-phase       | Three-phase       | Three-phase       | Three-phase       | Three-phase    |
| Switchboard                          | Pre-wired         | Pre-wired         | Pre-wired         | Pre-wired         | Pre-wired         | Pre-wired      |
| Clamping levelling device (standard) | 4                 | 4                 | 4                 | 4                 | 4                 | 4              |
| Additional mechanical hooks (total)  | 4                 | 4                 | 4                 | 4                 | 4                 | 4              |
| Anchoring walls                      | 1                 | 1                 | 1                 | 1                 | 2                 | 1              |
| Number of cylinders                  | 2                 | 2                 | 2                 | 2                 | 4                 | 4              |
| Basic motor (kW)                     | 5.5               | 5.5               | 5.5               | 5.5               | 5.5               | 5.5            |
| Hydraulic oil                        | Supplied ISO32    | Supplied ISO32    | Supplied ISO32    | Supplied ISO32    | Supplied ISO32    | Supplied ISO32 |
| Pipe length (mm)                     | 3000              | 3000              | 3000              | 3000              | 3000              | 3000           |
| Maximum working pressure (bar)       | 160               | 170               | 160               | 170               | 140               | 160            |



Single cylinder hydraulic system with retractable roof and cabin for indoor or outdoor installations.

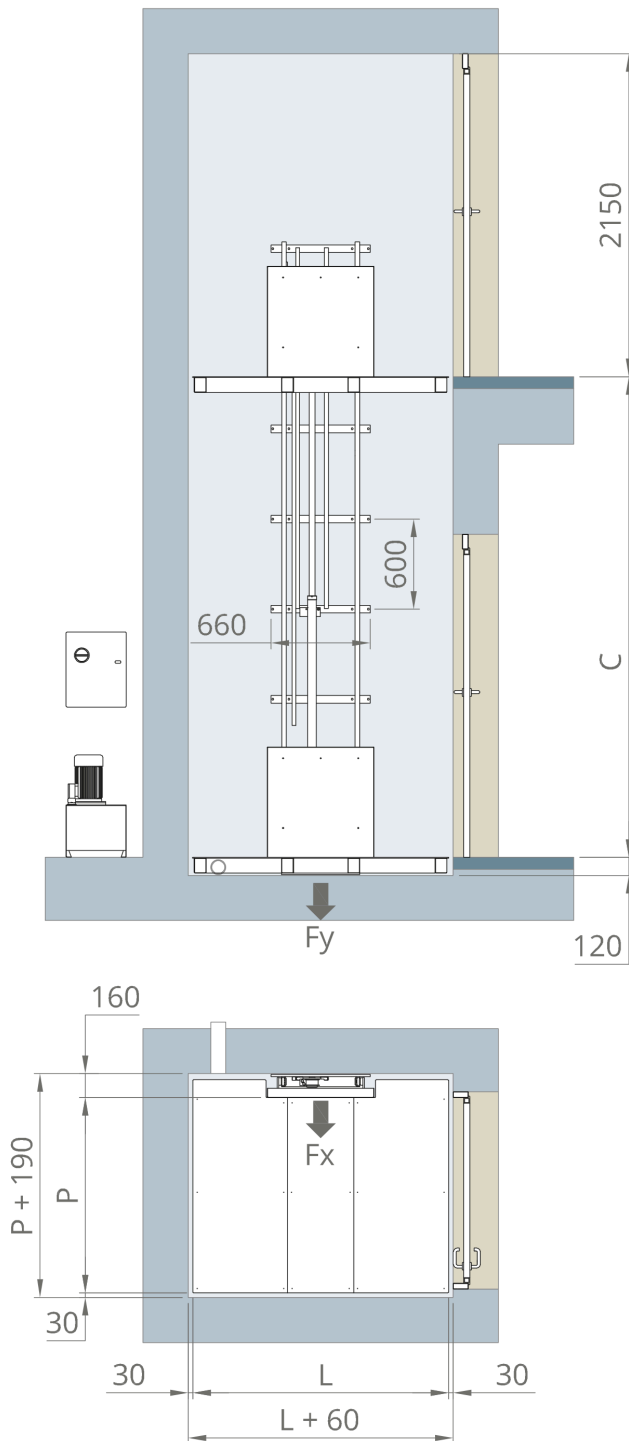
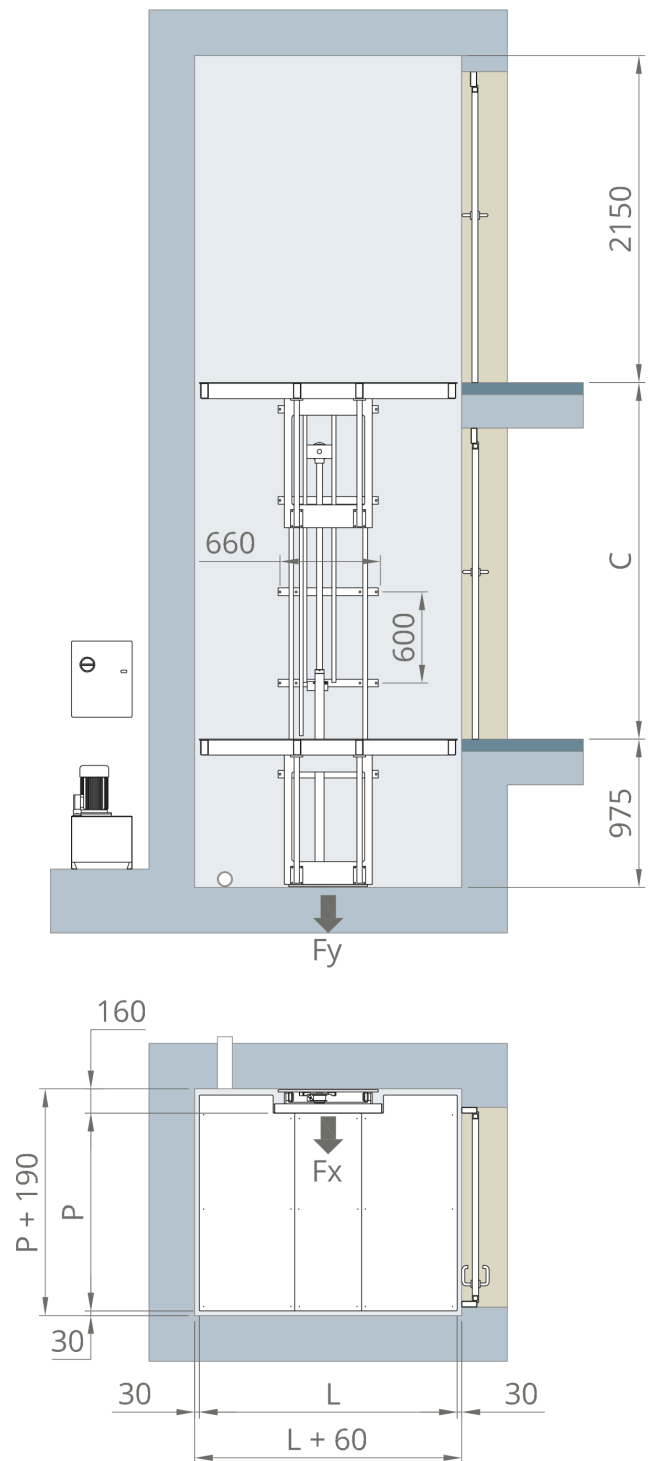




| Maximum capacity (kg)                | 300               | 500               | 1000              | 1500              | 2000              |
|--------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Maximum travel (m)                   | 7                 | 16                | 16                | 16                | 16                |
| Number of stops                      | 5                 | 5                 | 5                 | 5                 | 5                 |
| Accesses                             | 1/2/3             | 1/2/3             | 1/2/3             | 1/2/3             | 1/2/3             |
| Platform depth (mm)                  | 1300              | 2000/2500         | 1700/1900         | 2000/2400         | 1800/2000         |
| Platform width (mm)                  | 1700              | 2800/2500         | 2500/1900         | 2800/2400         | 2500/2000         |
| Pit (mm)                             | 975               | 1400              | 1400              | 1400              | 1400              |
| Minimum headroom (mm)                | 2500              | 2500              | 2500              | 2500              | 2500              |
| Brackets distance (mm)               | 600               | 1000              | 1000              | 1000              | 1000              |
| Guide gauge (mm)                     | 660               | 1000              | 1000              | 1000              | 1000              |
| Cylinder load (kN)                   | 18                | 30                | 35                | 40                | 45                |
| Minimum speed (m/s)                  | 0.10              | 0.10              | 0.10              | 0.10              | 0.10              |
| Maximum speed (m/s)                  | 0.15              | 0.15              | 0.15              | 0.15              | 0.15              |
| Floor operation                      | Automatic         | Automatic         | Automatic         | Automatic         | Automatic         |
| On-board operation                   | Operator on board | Operator on board | Operator on board | Operator on board | Operator on board |
| Power supply                         | Three-phase       | Three-phase       | Three-phase       | Three-phase       | Three-phase       |
| Switchboard                          | Pre-wired         | Pre-wired         | Pre-wired         | Pre-wired         | Pre-wired         |
| Clamping levelling device (standard) | 1                 | 2                 | 2                 | 2                 | 2                 |
| Additional mechanical hooks (total)  | /                 | /                 | /                 | /                 | /                 |
| Anchoring walls                      | 1                 | 1                 | 1                 | 1                 | 1                 |
| Number of cylinders                  | 1                 | 1                 | 1                 | 1                 | 1                 |
| Basic motor (kW)                     | 2.2               | 3                 | 4                 | 4                 | 5.5               |
| Hydraulic oil                        | Supplied ISO32    | Supplied ISO32    | Supplied ISO32    | Supplied ISO32    | Supplied ISO32    |
| Pipe length (mm)                     | 3000              | 3000              | 3000              | 3000              | 3000              |
| Maximum working pressure (bar)       | 120               | 140               | 180               | 195               | 165               |

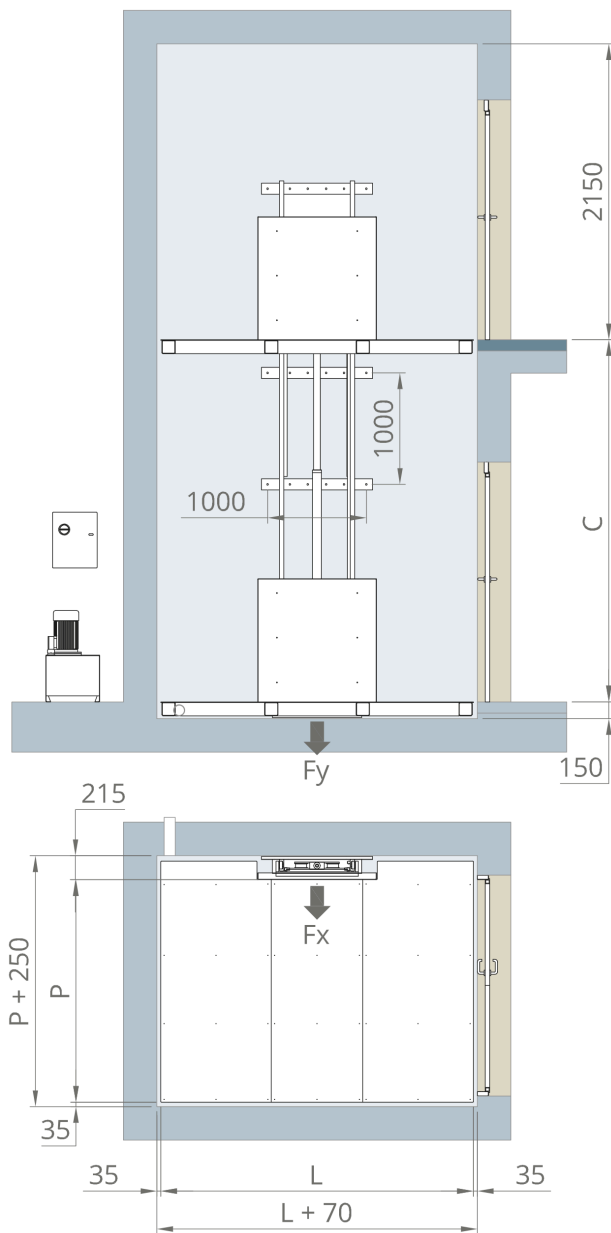
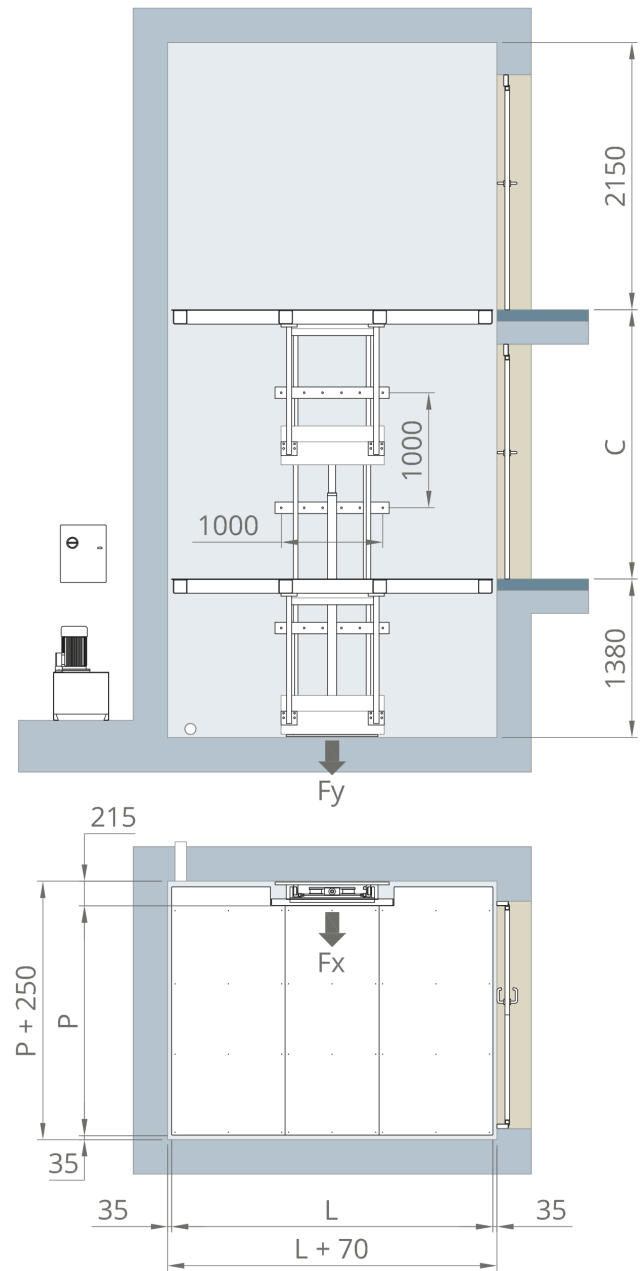


Single cylinder 300/600kg

Single cylinder 300/600kg  
with reverse trolley

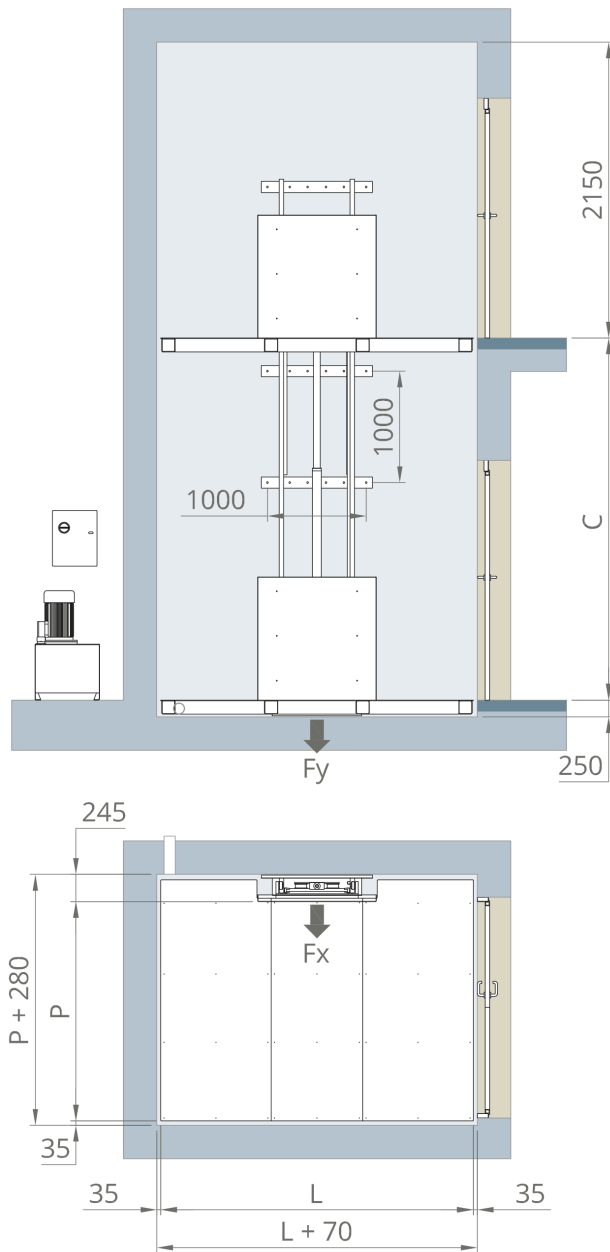


Single cylinder 1000/1500kg

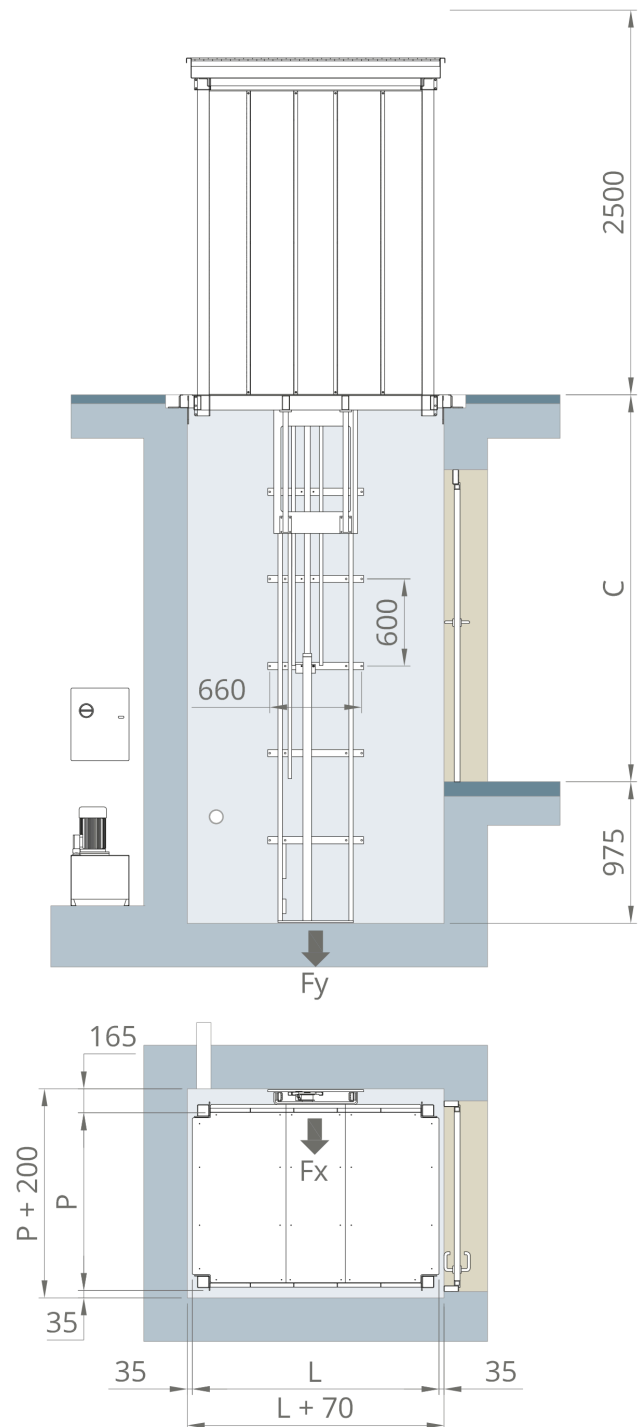
Single cylinder 1000/1500kg  
with reverse trolley



Single cylinder 2000/2500kg

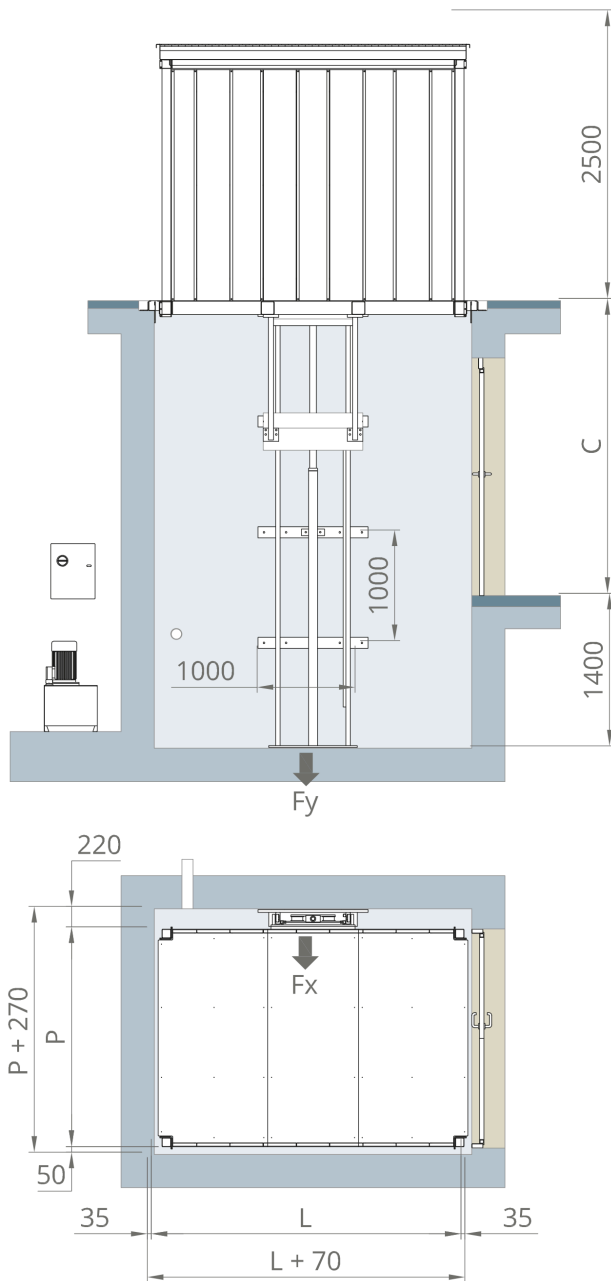


Single cylinder 300kg with retractable roof and cabin

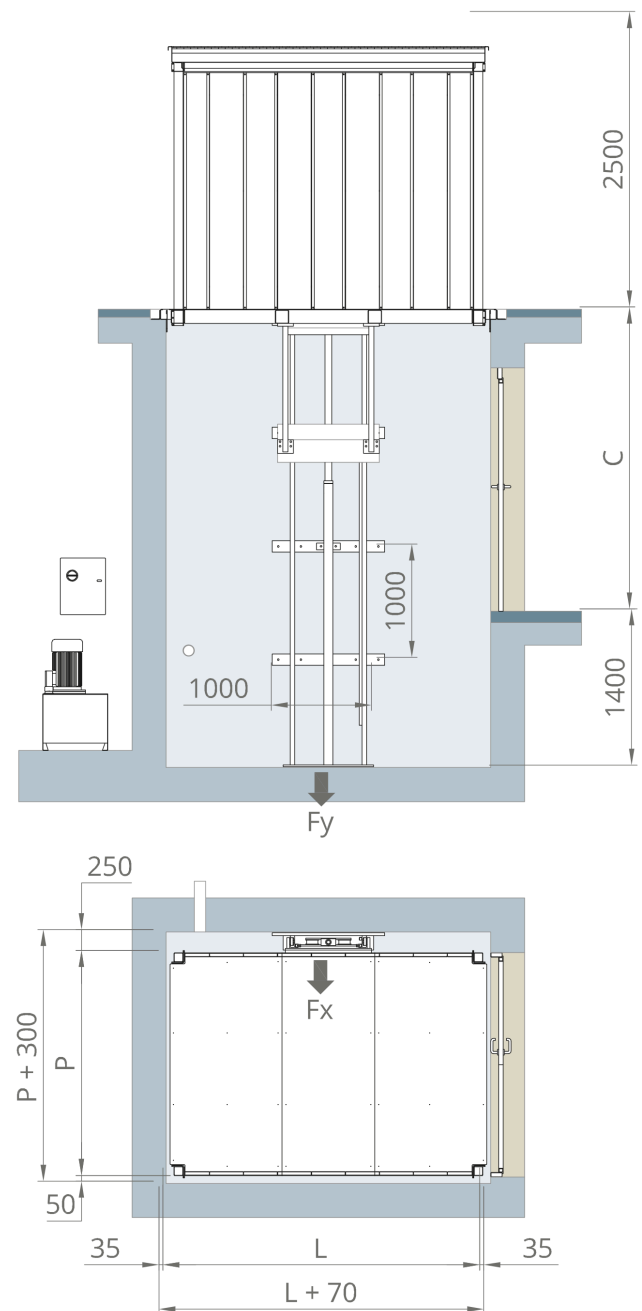




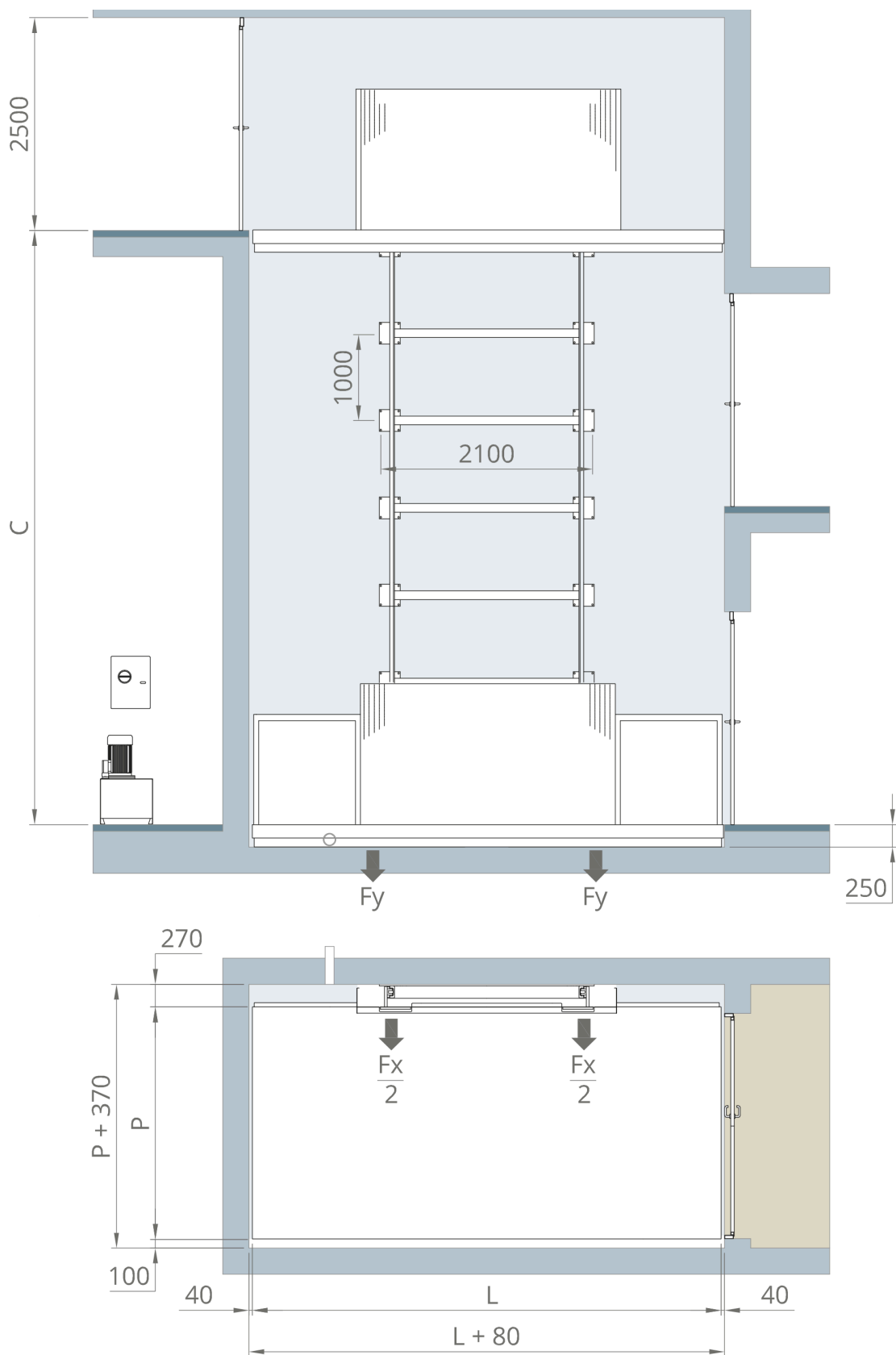
Single cylinder 500/1000kg with retractable roof and cabin



Single cylinder 1500/2000kg with retractable roof and cabin

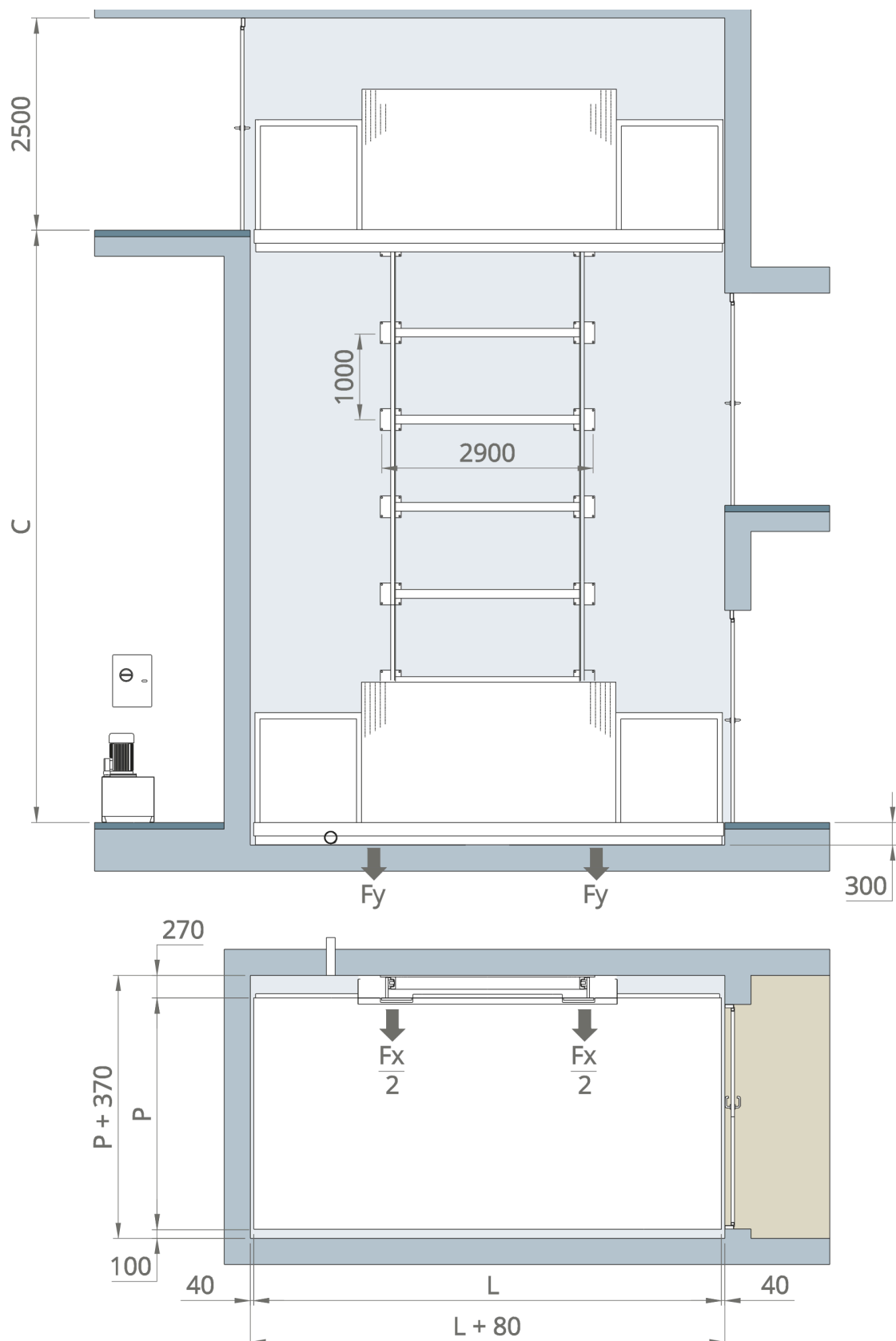


2 cylinder 2500/3000kg

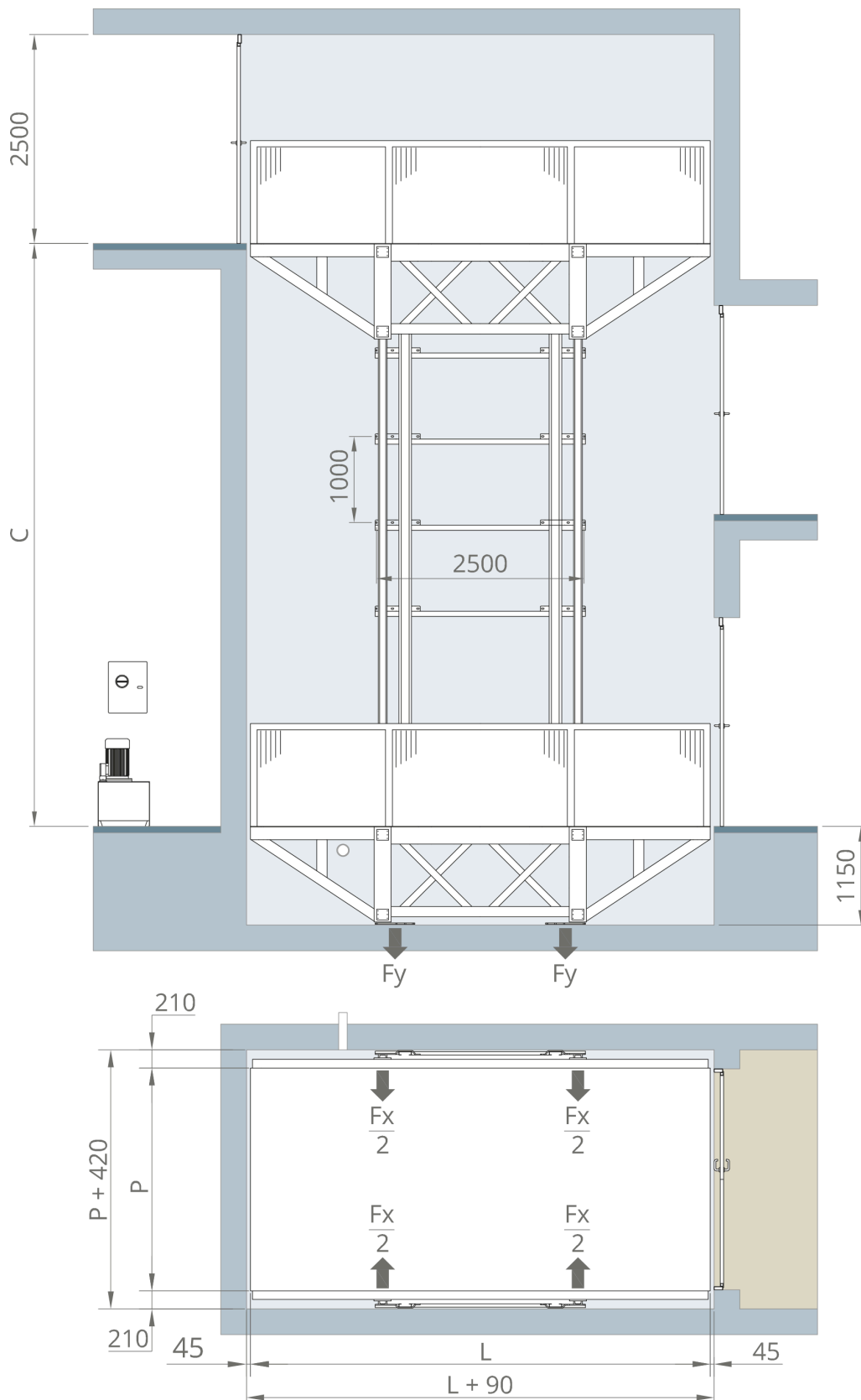




2 cylinder 3000/4000kg



4 cylinder 4000/5000kg with reverse trolley



## Notes



# ALLIANCE

PLATFORM LIFTS

Designing, supplying and installing lifts  
across the UK for over 15 years

#### DRAWINGS FOR SIGN-OFF

A layout drawing and builder's work  
list for every project

#### 24/7 SUPPORT

Maintenance and call-out through  
our nationwide service network

01206 803 132

[sales@aplifts.co.uk](mailto:sales@aplifts.co.uk)

[AL-PLATFORMLIFTS.CO.UK](http://AL-PLATFORMLIFTS.CO.UK)