



Altura Gold

PRODUCT CATALOGUE



Access. Everywhere. For Everyone.



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Altura Gold screw-driven lifts comply with the Machine Directive 2006/42/EC by following the harmonized standard EN 81-41. They are also compliant with the Electromagnetic Compatibility Directive EMC 2014/30/EU and Low Voltage Directive 2014/35/EU.

EI 120 fire & smoke proof doors comply with EN 81-58 according to the Lift Directive 95/16/EC.

Altura Gold screw-driven lifts are type approved and CE marked. Certificates are available on request.

	Model Code SN04	Product Codes SN04-LS-FPC SN04-LS-FPR	Commercial Names Altura Gold Altura Gold Pro	Document name CAT-SN04-00B	Date 30/01/2018
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Product Summary

ALTURA GOLD AND ALTURA GOLD PRO

Altura Gold

The Altura Gold is the smallest version of our screw-driven range, and is designed for comfortable access in narrow situations and small spaces.

Altura Gold has a full height console wall, without ceiling, and is available in three different sizes, each with a platform width of 800 mm.



Altura Gold Pro

Altura Gold Pro is an expanded version of the lift. It meets all the requirements for quality, safety and service life in tough and demanding public environments such as schools, offices and residential buildings.

Altura Gold Pro has a full-height panel with ceiling, and is available in three different platform sizes, each with 1400 mm width.



Product Summary

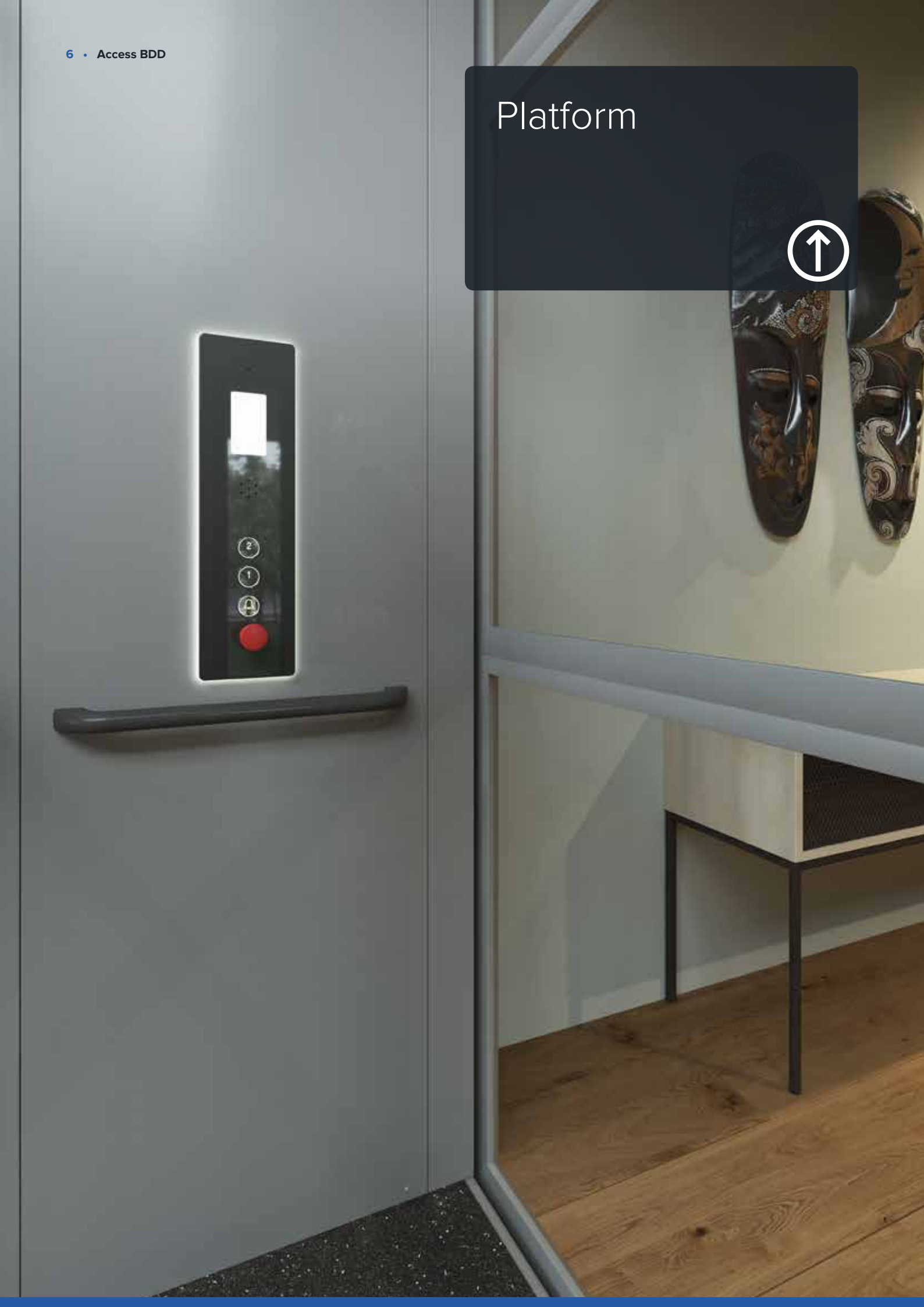
TECHNICAL SPECIFICATIONS



	Altura Gold	Altura Gold Pro
Compliance:	European Machine Directive 2006/42/EC	European Machine Directive 2006/42/EC European Standard EN 81-41
Drive system:	Screw/nut system	
Rated speed:	Max. 0.15 m/s	
Rated load:	250 kg	325 kg or 400 kg (depending on platform size)
Travel (minimum - maximum):	1400 – 12000 mm	
Platform sizes:	800 x 580 mm 800 x 845 mm 800 x 1100 mm	1400 x 900 mm (rated load 325 kg) 1400 x 1000 mm (rated load 325 kg) 1400 x 1100 mm (rated load 400 kg)
Distance between intermediate floors:	Opposite accesses: 250 mm Adjacent and same side accesses: 2300 mm	Opposite and adjacent accesses: 250 mm Same side accesses: 2300 mm
Number of stops:	Max. 6 stops per lift	
Number of doors:	Max. 6 doors per lift	Max. 12 doors per lift
Number of doors per floor:	Max. 1 door per floor	Max. 2 doors per floor
Pit:	50 mm (no pit is required when there is a threshold or access ramp)	
Shaft top height:	Minimum 2430 mm	
Platform control:	Constant pressure - hold to run	
Landing control (on door):	Automatic - push and run	
Environment:	Indoor	
Emergency lowering:	Battery operated emergency lowering	
Control voltage:	24 V	
Motor:	1.5 kW	2.2 kW
Power requirements:	1-phase 230 V AC 50/60 Hz. Max Power 3 kW	1-phase 230 V AC 50/60 Hz. Max Power 4.5 kW
Circuit breaker / RCD:	16 A tripping curves C / 30 mA class A or B	

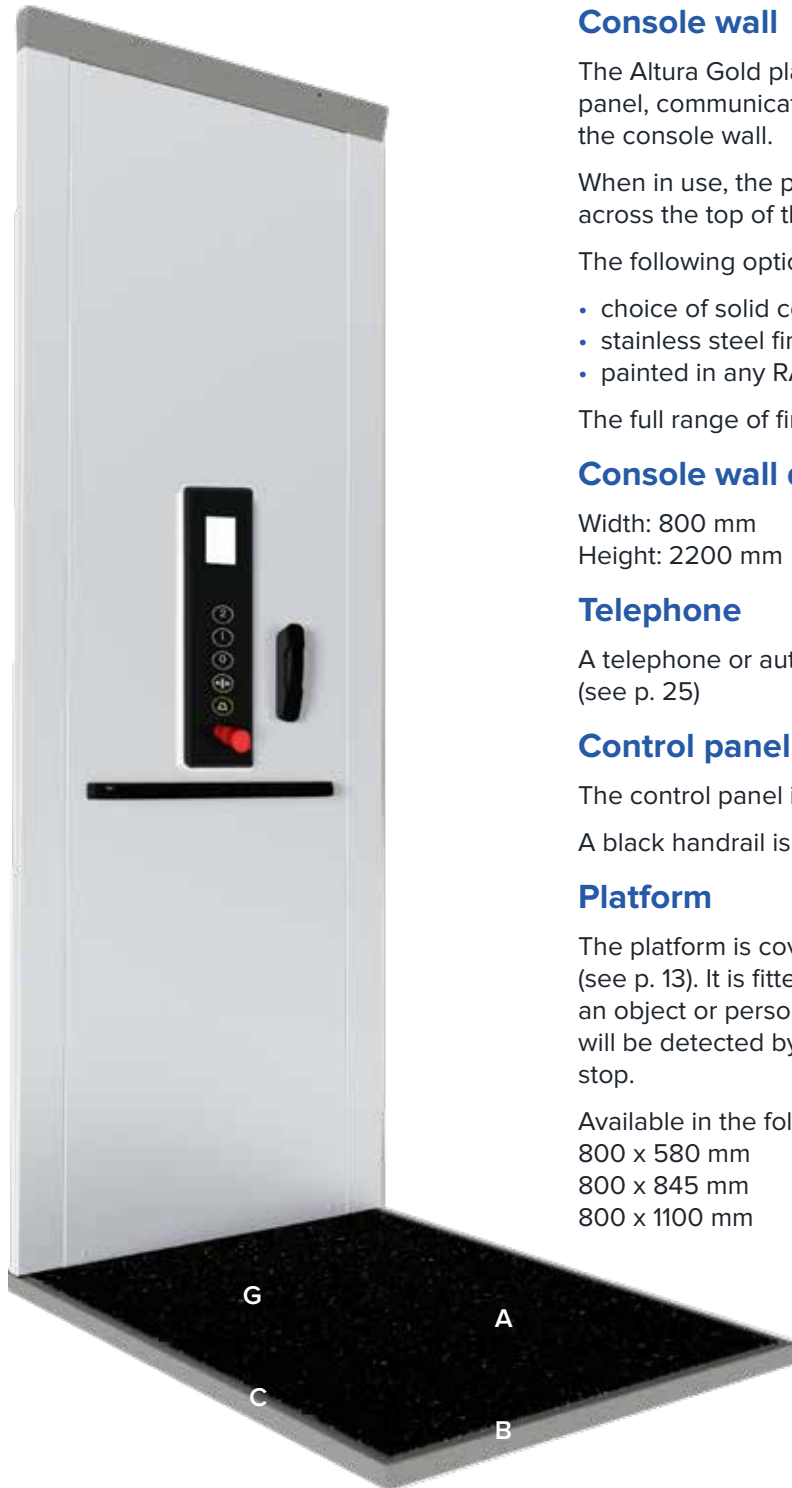
Altura Gold lifts operate on a standard 230 V single phase power supply

Platform



Platform: Altura Gold

FULL HEIGHT CONSOLE WALL



Console wall

The Altura Gold platform has a full height console wall. The control panel, communication device and a handrail are always fitted on the console wall.

When in use, the platform is illuminated with an LED light strip across the top of the console wall.

The following options are available for the console wall:

- choice of solid colour or patterned skinplates
- stainless steel finishes
- painted in any RAL colour

The full range of finishings is shown on pp 12-13.

Console wall dimensions:

Width: 800 mm

Height: 2200 mm

Telephone

A telephone or auto-dialler is fitted for emergency communication. (see p. 25)

Control panel

The control panel is mirrored black, with a white LED backlight.

A black handrail is fitted below the control panel

Platform

The platform is covered with a vinyl flooring in a choice of colours (see p. 13). It is fitted with safety edges on the three open sides. If an object or person is too close to the edge of the platform, they will be detected by the safety edge, and the lift will immediately stop.

Available in the following sizes (G/B x A/C):

800 x 580 mm

800 x 845 mm

800 x 1100 mm

Platform: Altura Gold Pro

FULL HEIGHT CONSOLE WALL WITH CEILING



Console wall and ceiling

The Altura Gold Pro platform has a full height console wall and a ceiling supported by two posts. The control panel, communication device and a handrail are located on the console wall.

The platform is illuminated with three LED spotlights in the ceiling.

The following options are available for the console wall:

- choice of solid colour or patterned skinplates
- stainless steel finishes
- painted in any RAL colour

The full range of finishings is shown on pp 12-13.

Two photocells are placed on each of the upright posts. If an object or person is too close to the edge of the platform, the photocell beam will be broken and the lift will immediately stop.

Console wall dimensions

Width: 1400 mm
Height: 2100 mm

Control panel and handrail

Same as Altura Gold (p. 7)

Platform

Provided with vinyl floor in a choice of colours. See pp 12-13 for the full range of finishings.

Available in the following sizes (G/B x A/C)

- 1400 x 900 mm
- 1400 x 1000 mm
- 1400 x 1100 mm

Fold down seat (Altura Gold Pro only)

A manually folding seat can be ordered as an option. The seat is made of solid transparent plexiglass, with painted support brackets.

- Size: 300 x 420 mm
- Rated load: 100 kg

The seat is compliant with EN81-41

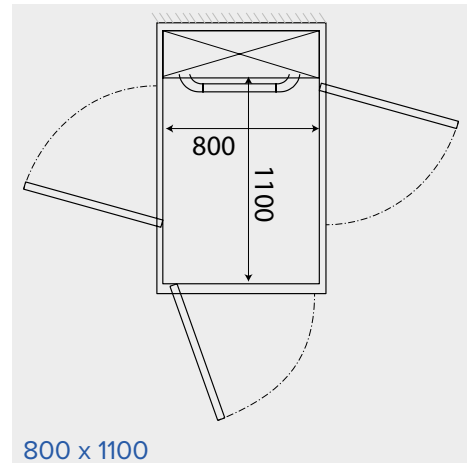
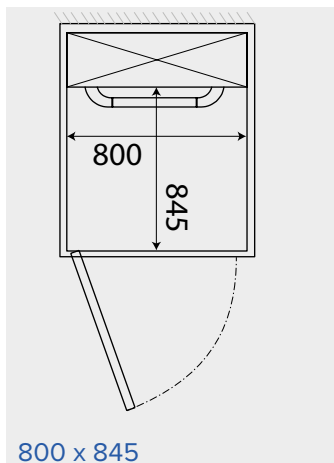
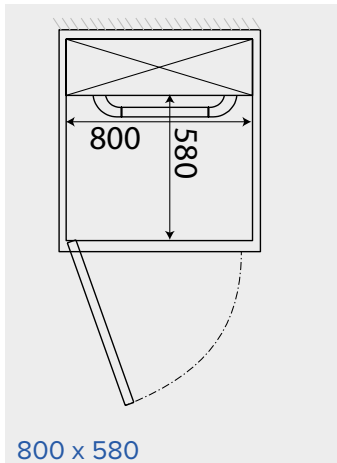
Platform

DIMENSIONS

Altura Gold lifts are available in six different platform sizes.

The drawings on this page show the available floor space for each product type and platform size. For more detailed drawings see pp 29 - 43

Altura Gold

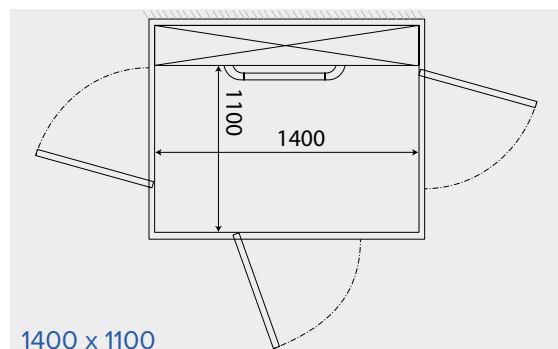
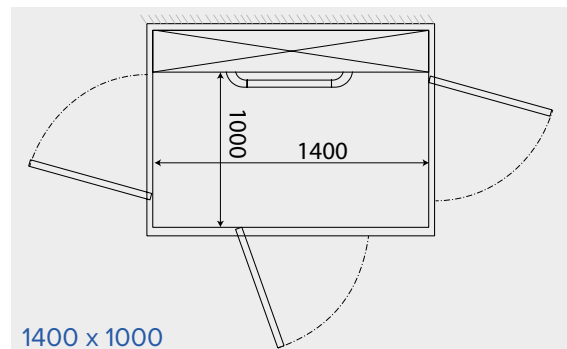
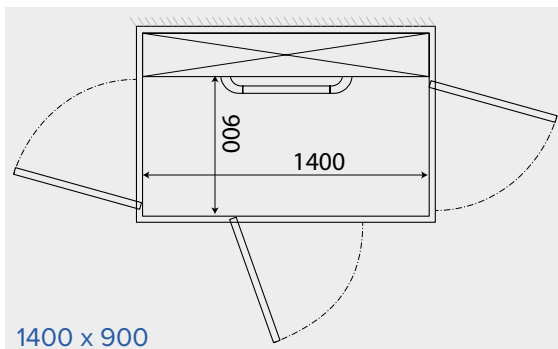


Doors on sides A and C are only possible for the 800 x 1100 platform.

Minimum distance between intermediate floors:

- Opposite access (A/C sides): 250 mm
- Adjacent (A/B or B/C) or same side (A, B or C): 2300 mm

Altura Gold Pro



Minimum distance between intermediate floors:

- Opposite (A/C sides) and adjacent accesses (A/B or B/C): 250 mm
- Same side (A, B or C): 2300 mm

Control Panel

STANDARD FEATURES

Altura Gold lifts are fitted with a control panel and handrail. The positions of the control panel buttons and the handrail conform to EN 81-41.



Handrail

A handrail with a minimum cross-sectional diameter of 30 mm is supplied with all lifts, as required by EN81-41. It has a black finish to match the control panel.

The height between the platform floor and top edge of the handrail is 900 mm +/- 25 mm.

Control Panel Buttons

The control panel is placed on the console wall. As standard, it includes the destination buttons, the emergency stop and the alarm button. The design of the panel is enhanced by a white backlight around the profile.

Destination buttons

The diameter of the destination buttons is 37 mm, and the height between platform floor and the centre line of the buttons is 900 – 1100 mm, in accordance with EN 81-41. The buttons include Braille as standard.

The buttons are available with the following letters and numbers: -2, -1, 0, 1, 2, 3, 4, 5, 6, B, BG, BV, G, K, KV, P, U, E.

Alarm button

The alarm button is included as standard and is connected to an external alarm sounder or to an optional auto-dialler. When the button is pressed, the siren will give a loud signal outside the lift to attract attention in case of emergency. The alarm sounder is located in the electrical cabinet (Gold Pro) or in a box to be mounted outside the lift (Gold).



Emergency stop button

A red emergency stop button is always included on the control panel.

Control Panel

ADDITIONAL OPTIONS

An optional TFT display on the control panel shows floor indicators and other system information. Additional security features are offered to protect users in public buildings and to prevent unauthorised use.

Colour Display

The optional TFT colour digital display is positioned on the control panel above the floor buttons and shows the following information:

- Floor indicator showing the position of the lift.
- An arrow indicating the direction of the lift when travelling
- Icons giving status information:
 - Bell: the alarm button has been pressed.
 - Weight symbol: the lift is overloaded.
- An error code for diagnostics.
- If the lift is connected to the building's fire alarm system, a symbol will be shown when alarm is activated (see below).

Voice announcements can also be provided with the display. These are available in English, Italian, French, German, Spanish, Dutch, Portuguese, Czech and Russian.



Building Integration



The lift can be connected to the building's fire alarm.

If the fire alarm is activated, a symbol on the display will be shown and the lift will move to a predetermined floor and park there.

Key Switch on Control Panel



A key switch can be placed on the control panel. The key switch locks the operation of the platform, preventing unauthorized use.

There are two options to choose from:

- mechanical key
- i-button for one-touch operation.

One key-switch per platform is provided. The key switch can be connected to all destination buttons. User-specific configurations can also be designed.

Wall and Floor

The Altura Gold lifts can be customised with a choice of colours and finishes for the console wall and the floor.

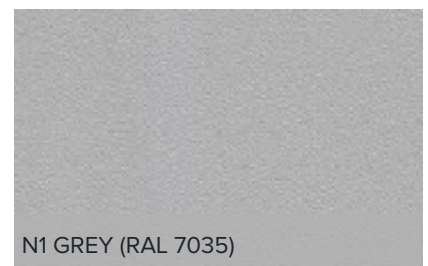
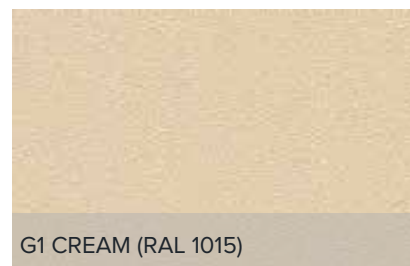
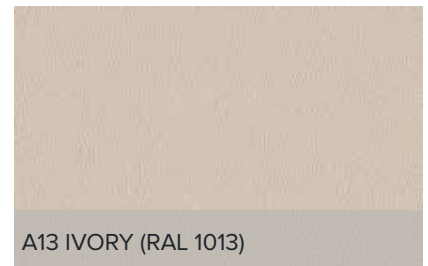
The console wall is made of steel and is finished with a choice of skinplate, a stainless steel finish or painted with a choice of RAL colour (80-90 gloss, orange peel finish, coarse grade). Suggested RAL matches for the other painted parts of the lift are given for each skinplate option. See sections on doors and shaft for further paint finish details.

As standard, the whole lift is painted in RAL 9010 (white) and the console wall is finished with skinplate A4 – white.

Console Wall Options

Plain skinplates

Steel panel coated with a solid colour textured plastic skin.



NOTE: RAL Colours

For all parts of the lift where RAL painting is offered, the choice of colour can be made from the 213 colours in the RAL Chart K7 Classic, excluding metallic colours. If no colour is specified, the standard colour for all painted parts is RAL 9010 (white).

All parts can show small colour differences, this is normal and unavoidable. While we take every precaution to minimize visible differences, this cannot be guaranteed.

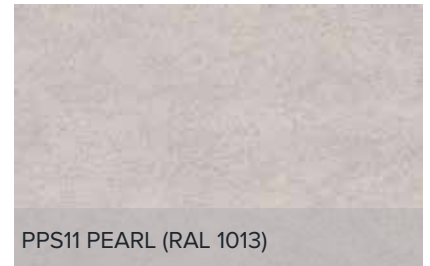
Wall and Floor (continued)

Stainless steel



Patterned skinplates

Steel panel with lightly patterned smooth finish



Flooring

Safety vinyl floor panelling, with life-time non-slip guarantee. The lift can also be supplied without flooring if you want to use your own. For flush alignment with the landing, customer supplied flooring should be maximum 3 mm deep.



All parts can show small colour differences, this is normal and unavoidable. While we take every precaution to minimize visible differences, this cannot be guaranteed.

Landing Door



Landing Door

ALTURA GOLD

General information

Steel doors are installed at each landing as standard. They are available without a window (blind) or with a large window (panoramic).

The doors are powder coated with an orange peel finish (coarse grade) and gloss painted with a choice of RAL colour. If no colour is specified, they are supplied in white (RAL9010).

The large window on the panoramic doors is made of safety glass 10/11 mm thick, with a choice of standard plain glass or four tinted glass types (see p. 18). The glass profiles are made of aluminium, and can optionally be painted in the same colour as the door.

Door frame

The doors are 800 mm wide and can be hinged on the left or on the right. For the two smaller platform sizes, the door can only be placed on side B. To allow a net clear opening width of 800 mm, the door on side B is fitted without a vertical frame.

Doors can be placed on sides A or C when the larger 800 x 1100 plan size is used, and these are always delivered with a frame, painted in the same colour as the door.

The height of the door frame depends on the door net height and is 140 – 160 mm more than the door opening height. The actual height of the door is 40 mm more than the opening height.

Door specifications

Opening width: 800 mm

Opening heights: 2000 mm as standard
1800 or 1900 mm as options

Glass window: 715 x 1460 mm (Panoramic option)

Door handle: Stainless steel

Door options

- Door and door frame painted in choice of RAL colour
- Panoramic window: transparent, smoky grey, smoky satin, opaline or half-reflecting (see p. 17).



Panoramic door with frame - A side

Door dimensions with B side platform width of 800 mm (Altura Gold)

Door opening width (mm)	Door opening height (mm)	Door actual height (mm)	Frame height side B (mm)	Frame height side A/C (mm)
800	1800	1840	1960	1940
800	1900	1940	2060	2040
800	2000	2040	2160	2140

Landing Door

ALTURA GOLD PRO

General information

The doors are the same as supplied with the Altura Gold.

Door frame

The doors on the Altura Gold Pro are always delivered with frames which are painted in the same colour as the door. Note that it is not possible to order the door or the frame separately. The doors can be hinged on the left or on the right.

The height of the door frame depends on the door net height and is 140 – 160 mm more than the door opening height. The actual height of the door is 40 mm more than the opening height to prevent any gap between the top of the door and the frame.

Door specifications

Opening widths: 700, 800, 900 mm

Opening heights: 1800, 1900, 2000, 2100 mm

Glass window: 470x1600 mm (door width 700 mm)
 (Panoramic) 570x1600 mm (door width 800 mm)
 670x1600 mm (door width 900 mm)

Door handle: Stainless steel

Door options

- Door and door frame painted in choice of RAL colour
- Panoramic window: transparent, smoky grey, smoky satin, opaline or half-reflecting.

Door dimensions with B side platform width of 1400 mm (Altura Gold Pro)

Door net height (mm)	Door actual height (mm)	Frame height (mm)
1800	1840	1940
1900	1940	2040
2000	2040	2140
2100	2140	2240

Door opening width (mm)	Door and frame width (mm)	Door opening height (mm)	Required platform width, side A/C (mm)
700	900	1800/1900/2000	900
800	1000	1800/1900/2000	1000
900	1100	1800/1900/2000/2100	1100



Landing Door

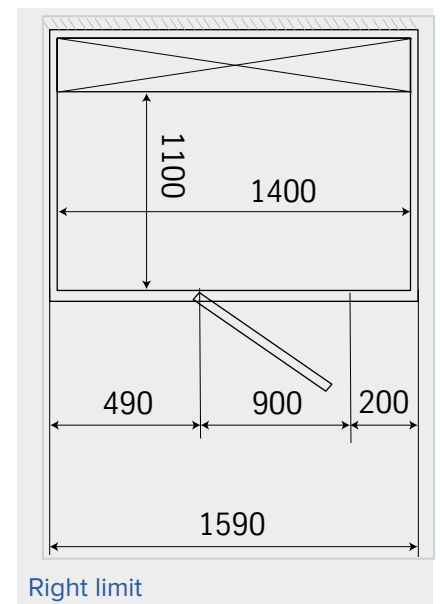
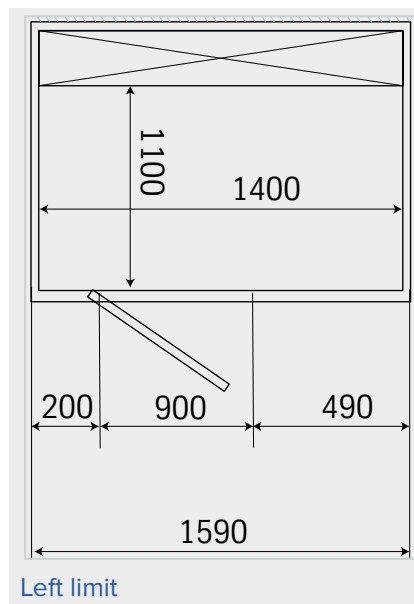
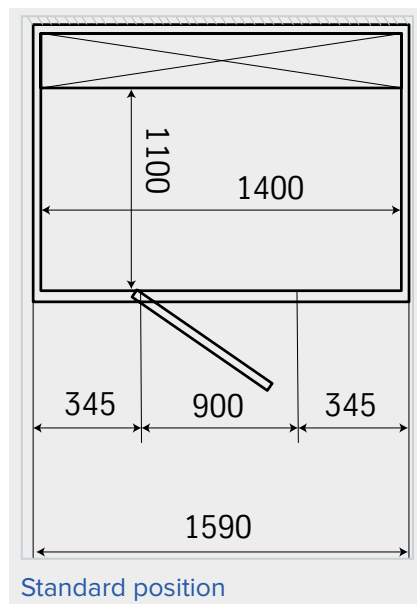
ALTURA GOLD PRO

Re-positioning the door on the B-side

If it is not possible to fit the door on the B-side in the standard centralised, location, the door can be re-positioned to the left or to the right side. This should be indicated at the time of ordering.

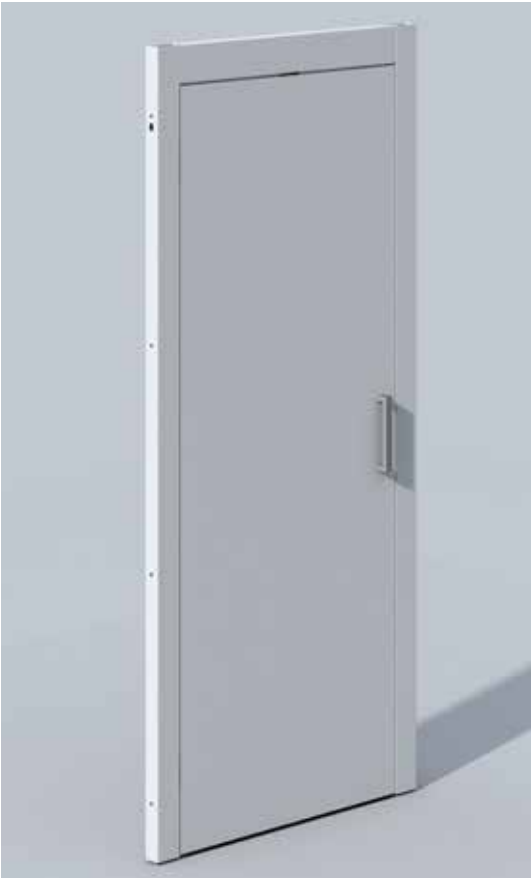
Possible positions of the door on the B-side for a platform 1400 mm wide:

Platform size (mm)	Door opening (mm)	Door and frame width (mm)	Standard position (mm)	Moved to the left (mm)	Moved to the right (mm)
			Left / right side of door	Left / right side of door	Left / right side of door
1400	900	1100	345/345	200/490	490/200



Fire-proof Door

ALTURA GOLD PRO



EI120 fire and smoke proof doors are available as an option. These have no window and comply with EN 81-58.

The fire and smoke proof doors are always delivered with a frame. The size of the frame depends on both the platform size and on the clear door opening width and height. The frame height is 140 mm more than the door opening height. The frame width is 200 mm wider than the door opening width.

Opening width: 700, 800, 900 mm
Opening height: 1900, 2000, 2100 mm

The door is 40 mm higher than its opening height, to prevent any gap between the top of the door and the frame.

Colour

The door and frame can be painted in any RAL colour. If no colour is specified, they are supplied in white (RAL 9010).

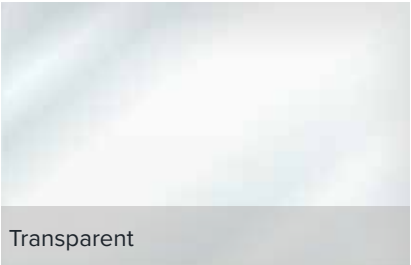
Door dimensions with B side width of 1400 mm

Door net width (mm)	Door and frame width (mm)	Door net height (mm)	Available for A/C side (mm)
700	900	2000	900/1000
800	1000	2000	1000/1100
900	1100	2000	1100

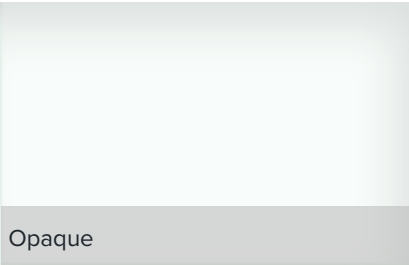
Glass Panels

DOORS AND SHAFT PANELS

The following options are available for the glass panel in the door and for glass panelling in the shaft.



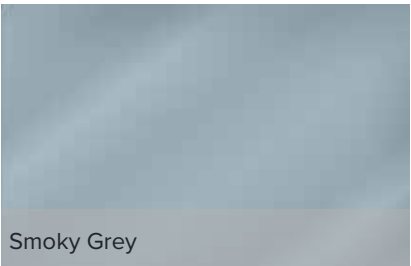
Transparent



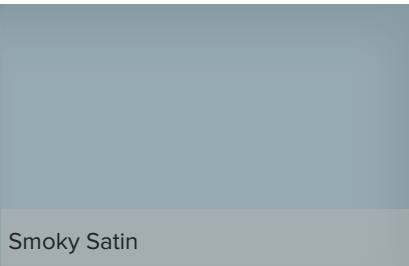
Opaque



Semi-reflective



Smoky Grey



Smoky Satin

Door Options

CONTROLS

A backlit button on each landing is used to call the lift.

The landing control button is normally located on the frame of each landing door, on the same side as the door handle. Where there is no door frame, or if preferred, the landing button can be placed away from the lift as an external control. The door faceplate is stainless steel satin.



Call button

The call button has with a backlit frame which changes colour to indicate the status of the lift.

- Green: the lift is at this floor.
- Red: the lift is currently in use.
- A flashing light is used to give a warning status.

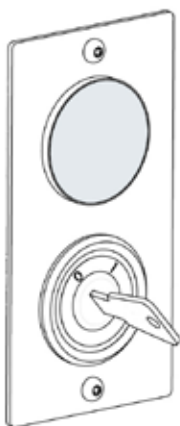
Landing Indicator Display

As an option, a digital display can be positioned on the door faceplate. The landing display shows the following information:

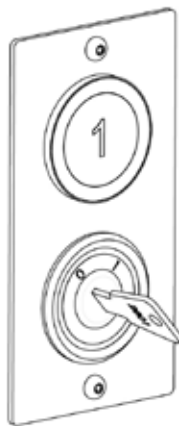
- Floor indicator showing the position of the lift.
- An arrow indicating the direction of the lift when travelling.
- Icons giving status information:
 - Bell: the alarm button has been pressed.
 - Weight symbol: the lift is overloaded.
- An error code for diagnostics;
- Out of service status message

Door Locking Options

A lock with a key switch or an i-button, or a lock prepared for the EUR key, can be provided either in addition to, or instead of, the call button. The key switch includes a school locking function which automatically locks the door after a set time. The key must be in the "On" position for the school locking to work.



Key switch without button



Key switch and push button

Key switch with call button

The key is used to unlock the landing control button. Once the lock is in the open position, the lift can be used with the call button as normal. This option is recommended when a lift needs to be made available to all users during particular hours of the day.

Key switch without call button

When there is no call button, the lift can only be called and accessed with the key. The key switch includes a school locking function which automatically locks the door after a set time.

Only one key switch is available per door.

Door Options

WALL MOUNTED DOOR CONTROL

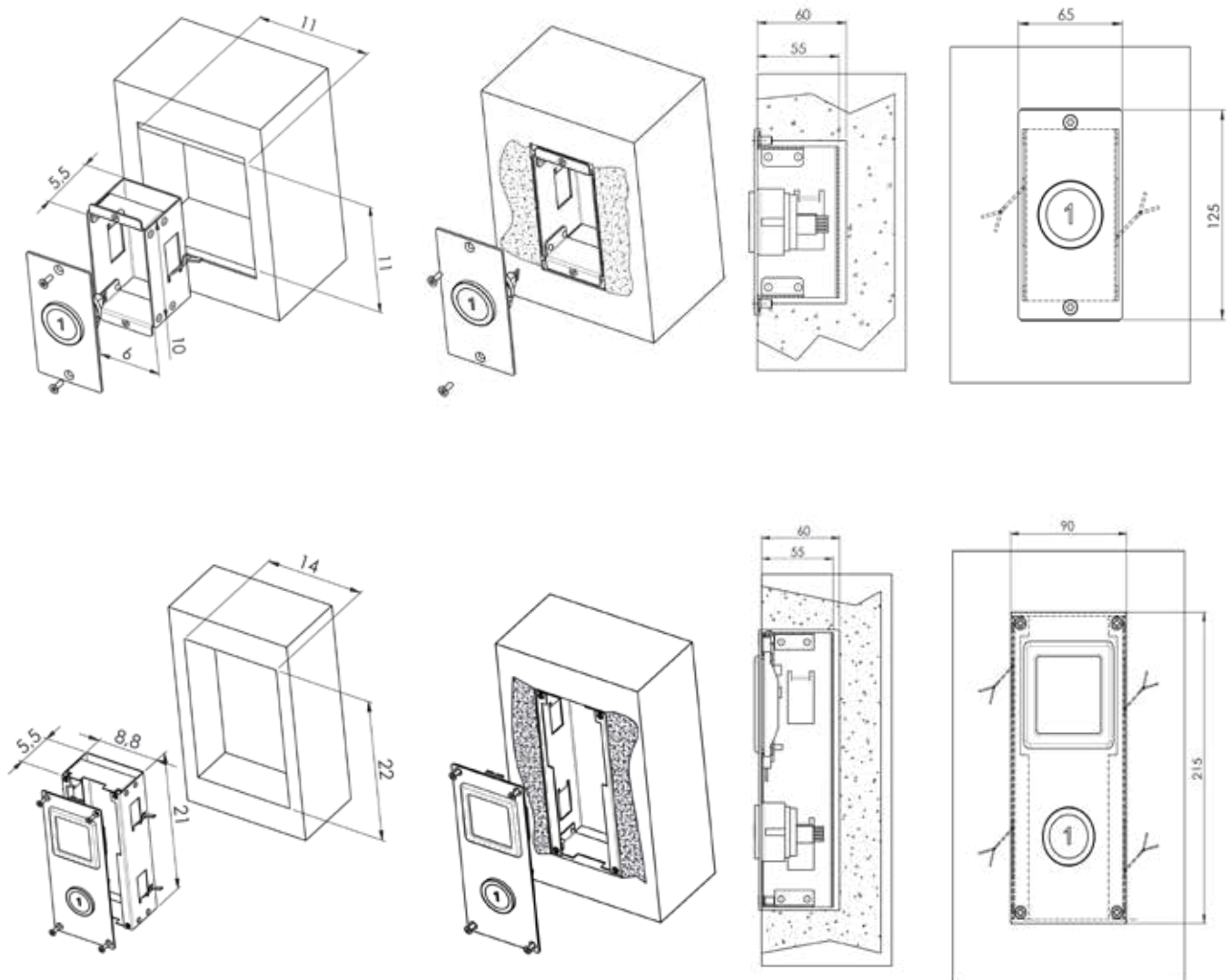
A wall mounted landing control is required for the 800 mm width platform when the door is placed on the B side, and is available as an option for other configurations

The wall mounted landing control button is situated in an external call station box connected to the lift via a cable. The box can be surface mounted or flush mounted. The faceplate is in aluminium or can be RAL painted to match the box. It is required on the 800 mm width platforms when the door is placed on the B side because in this configuration there is no frame for the landing control button.

Dimensions:

Without display: 130 x 70 x 55 mm
With display: 220 x 95 x 55 mm

Door control: dimensions for flush wall mounting



Door Options

AUTOMATIC DOOR CONTROLS

The standard doors are semi-automatic which means that they are opened manually and they close automatically.

The closing speed and time of the semi-automatic door openers cannot be adjusted.



Internal door closer

The internal door closer is supplied as standard on the Altura Gold and is offered as an option on the Altura Gold Pro.

It closes the door automatically or it can keep the door open until the user manually closes it. The internal door closer is enclosed within the door frame, making it invisible from the outside. The closing speed is adjustable.



External Door opener – optional

The automatic external door opener opens the door automatically once the lift has arrived at the landing and closes it after a pre-set time. The opening and closing time and speed are adjustable.

It is mounted on the top frame of the door inside a box with a white painted cover.

When automatic door openers are fitted on two doors at the same landing, the doors will open simultaneously.

Ramp

We recommend that the lift is installed in a 50 mm deep pit. If the lift is installed without a pit, a ramp is mandatory according to EN81-41.

The ramp is made of aluminium with a non-slip surface. The vertical rise of the ramp is less than 1:4.

Ramp Dimensions

- Height: 50 mm
- Depth: 460 mm
- Width: equal to the corresponding shaft side.



Shaft



Shaft

The Altura Gold lifts are provided with a metallic shaft, fitted with either solid panels or glass panels, and an inner ceiling.

The standard height of the shaft at the upper floor is 2430 mm, but can be higher than this if required (e.g. for aesthetic reasons). Please allow an additional clear height of min. 20 mm between the top of the shaft and the ceiling of the building to leave space for the installer to fit the uppermost shaft section.

The machine side has no cladding and must always be installed against a load-bearing wall. The other three sides are fitted with solid panels or glass panels.

The shaft is powder coated with an orange peel finish (coarse grade) and painted with a gloss level of 80-90 in a RAL colour of choice. If no colour is specified, the shaft is painted white (RAL 9010)



Solid panels

The solid shaft panels are made from polyurethane with steel plate and finished in gloss paint on a smooth surface with a choice of RAL colour. If no colour is chosen, the panels are painted white (RAL 9010). The panels have a classified fire resistance of Bs2d0.

Dimensions:

Thickness: 30 mm,
Height: 1000 mm (standard)



Glass

Panoramic panels made from laminated and toughened glass can be ordered as an option, with a choice of transparent glass or four different tints (as shown on p.18).

The glass panels are 8/9 mm thick and are fitted in aluminium profiles. As an option the profiles can be painted in one of the RAL colours (excluding metallic). See note on p.12).

Shaft



Inner Ceiling

An inner ceiling is supplied as standard. It is painted in the same colour as the shaft. (RAL 9010 white as standard).

Optimised packaging

The lift is delivered with the main parts already assembled to reduce the installation time.

Electrical cables are pre-wired and prepared with connectors. Small parts are packaged into separate and clearly identified boxes.

The main screw and the T-guides are cut to measure to save time at the installation site, and are supplied in parts with maximum lengths as follows:

- Screw sections: 2900 mm
- T-Guide sections: 3000 mm

The lift packaging is optimised to reduce logistics costs and to minimise the risk of breakages during transportation

Electrical cabinet

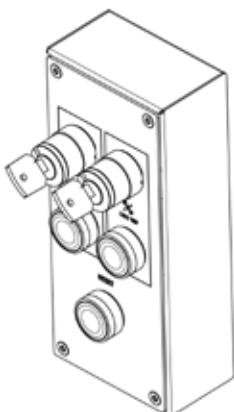
Altura Gold

The electrical cabinet is fitted inside the shaft at the lower floor on the same side as the landing door. The service panel is mounted outside the lift, with a cable connecting it to the electrical cabinet.

Altura Gold Pro

The electrical cabinet is fitted inside the shaft at the lower floor on the same side as the landing door. The service panel is always accessible from the outside the shaft on either the A or C side (to be determined at the point of order).

Service panel



The service panel is used for maintenance purposes and for operating the lift in an emergency.

Altura Gold

The service panel on the Altura Gold is always fitted in a separate wall-mountable box, with a cable connecting it to the electrical cabinet.

- Box dimensions: 220 x 95 x 57 mm, excluding key
- Finish: stainless steel satin

Altura Gold Pro

The service panel is located in the electrical cabinet as standard, but it can also be ordered in a separate box as for the Altura Gold.

Communication

Two way communication supplied as standard inside the car.

A communication system in case of emergency is required for compliance with EN81-41. The standard supply is a telephone handset, or an auto-dialler in the control panel is available.

The user is responsible for supplying a landline or SIM card for connecting the lift to a telephone network.



Telephone Handset

As standard, a telephone handset is mounted on the console wall next to the control operating panel. It is to be connected to a landline in the building,

Auto-dialler (option)

The auto-dialler equipment is integrated in the control panel and connected to the alarm button. When the alarm button is kept pressed for 3 seconds, the auto-dialler calls through a sequence of up to 7 pre-programmed numbers until answered.

The auto-dialler is connected to the building's landline or can be fitted with a GSM module for connection to the mobile phone network..

Drive

STANDARD FEATURES

For the safety and comfort of users, the following features are provided as standard on all Altura Gold Lifts



Battery operated emergency lowering

If the power fails while the lift is between floors, the battery back-up system allows the user to move the lift downwards, open the doors and leave the lift by simply pressing any destination button on the control panel. The emergency lowering can also be activated externally from the landing control panel or from the service panel.

Battery guard

The battery guard monitors the batteries for damage and checks that the batteries always hold enough power to run the lift in the case of a power cut. If the battery guard detects that there is not enough charge remaining in the battery to run the emergency lowering system, it will automatically turn off the lift until the battery charge has returned to the defined level.

Automatic lubrication

Automatic lubrication keeps the drive screw regularly oiled and running smoothly.

Soft start and stop

A soft start and soft stop device ensures a smooth and comfortable ride.

Safety first

For the greatest possible security, the over-speed governor and the brake are run on separate systems from the main drive. The electronics are certified by a third party with the highest safety integration level available for units of this kind.

Power Management System (PMS)

The Altura Gold is fitted with a power management system that optimizes the power consumption according to the load. This unrivalled system automatically adjusts the upwards speed of the lift so that the power consumption does not exceed the maximum power available in the building (either 3 kW or 4.5 kW).

Forces

REACTION FORCES ON THE FLOOR

The maximum force on the floor depends on the travel height of the lift. The force is distributed to the floor through the areas P and S shown on the diagram.

The force from the platform is distributed to the pit area P and depends on both the travel height and the model type.

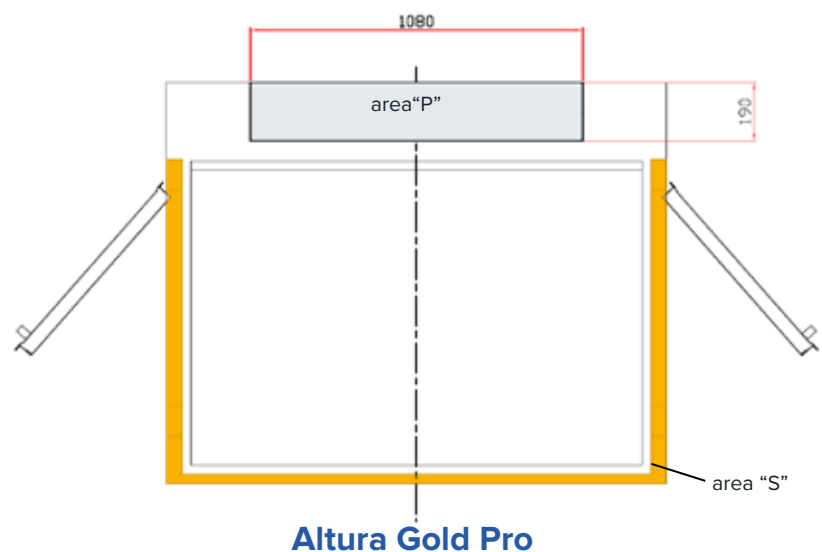
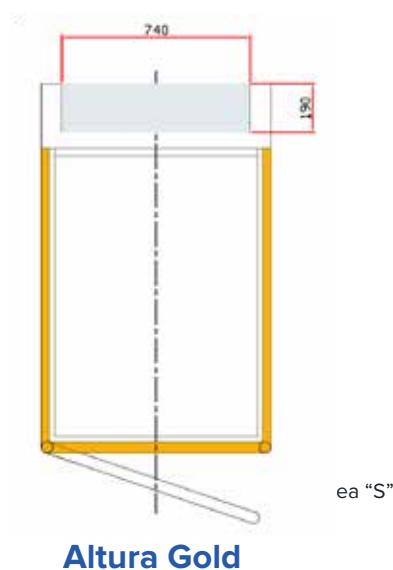
The force from the shaft is distributed to the perimeter of the shaft base area S and depends on a combination of the travel height, the model type and the shaft panel type.

Load from the lift on area P

Travel (m)	Altura Gold load (kN)	Altura Gold Pro load (kN)
2	6.3	9.4
3	6.5	9.6
4	6.7	9.8
5	6.9	10.0
6	7.1	10.2
7	7.3	10.4
8	7.5	10.6
9	7.7	10.8
10	7.9	11.0
11	8.1	11.2
12	8.3	11.4

Load from the lift on area S

Travel (m)	Altura Gold: load (kN)		Altura Gold Pro: load (kN)	
	Panel	Glass	Panel	Glass
2	2.9	4.4	3.3	5.3
3	3.5	5.4	4.1	6.4
4	4.1	6.4	4.8	7.6
5	4.8	7.4	5.5	8.8
6	5.4	8.3	6.3	10.0
7	6.0	9.3	7.0	11.1
8	6.7	10.3	7.8	12.3
9	7.3	11.3	8.5	13.5
10	7.9	12.3	9.2	14.6
11	8.6	13.3	10.0	15.8
12	9.2	14.2	10.7	17.0

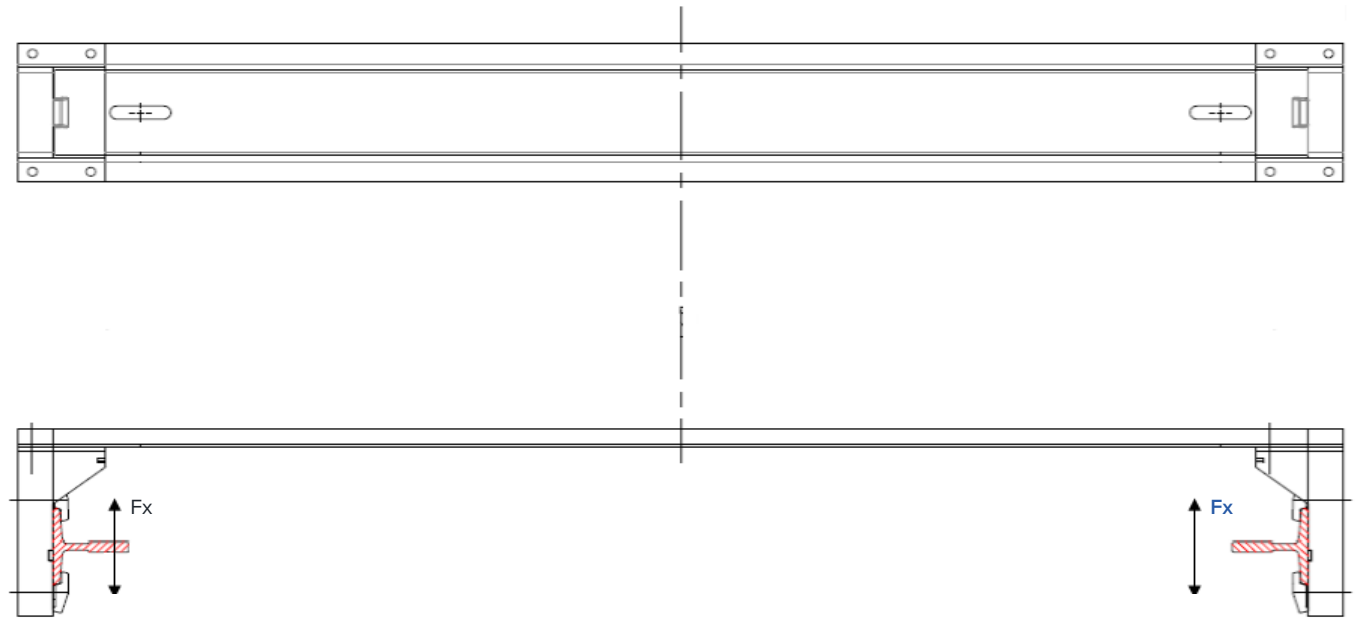


Forces

REACTION FORCE ON THE WALL

The force from the guide rail side is distributed to the wall through each crossbeam.
The average vertical distance between each crossbeam is 1100 mm.
The maximum force applied to each fixing point depends on the rated load of the lift.

Model	Rated load (kg)	Reaction force Fx (N)
Altura Gold	250	550
Altura Gold Pro	325	700
Altura Gold Pro	400	950

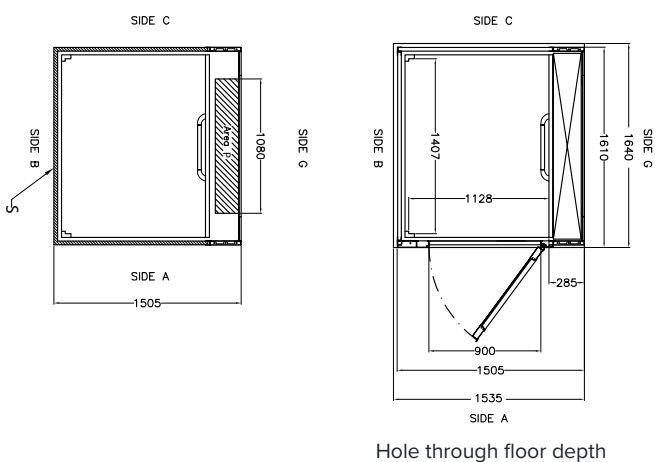
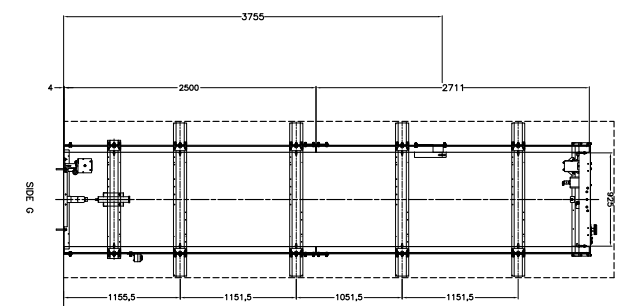
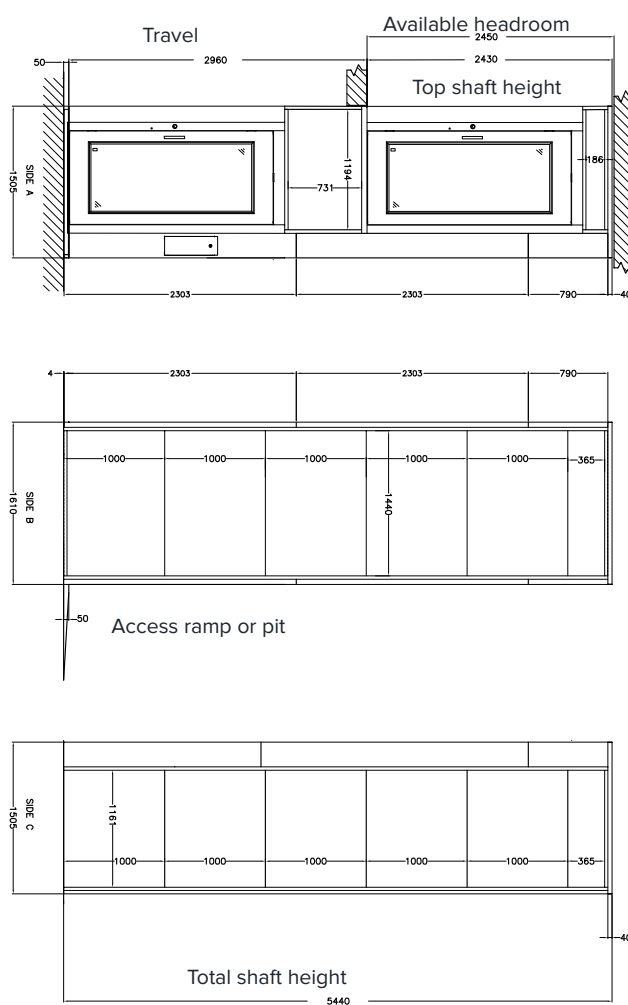


Drawings

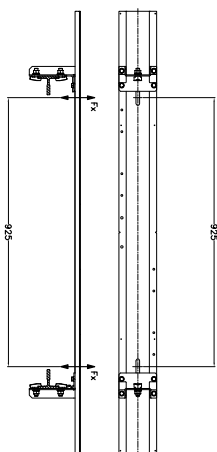


This section illustrates the shaft and platform dimensions for the different car and access configurations and indicates all the possible options for the door positions.

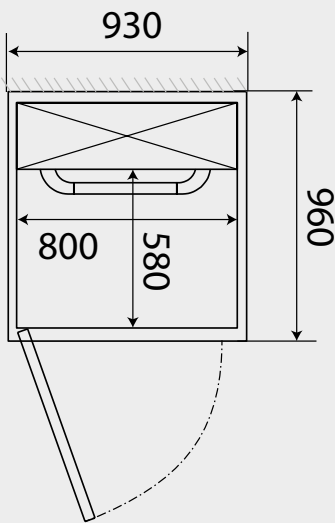
Typical Layout



Area P	
Travel (m)	Load (kN)
2,96	10,3
Shaft Load (kN)	
B	3,5
Reaction forces (N)	
F _x	950

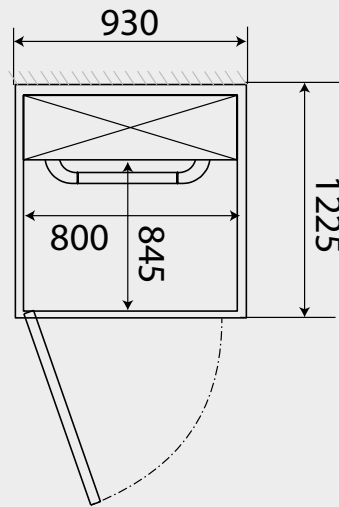
[illegible]

Altura Gold: Full Height Console Wall



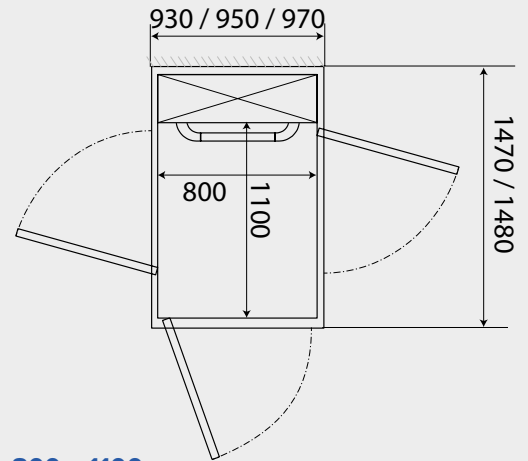
800 x 580

Hole through floor: 930 x 960 mm
Platform: 800 x 580 mm
Doors: 800 mm
Load: 250 kg



800 x 845

Hole through floor: 930 x 1225 mm
Platform: 800 x 845 mm
Doors: 800 mm
Load: 250 kg



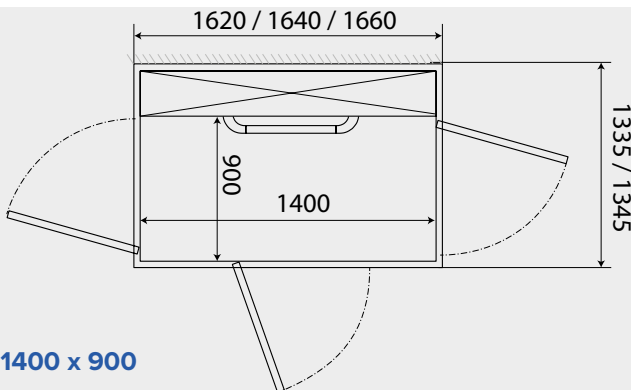
800 x 1100

Hole through floor:

- Front Access: 930 x 1480 mm
- Lateral Access: 950 x 1470 mm
- Adjacent Access: 950 x 1480 mm
- Opposite Access: 970 x 1470 mm

Platform: 800 x 1100 mm
Doors: 800 mm
Load: 250 kg

Altura Gold Pro: Full Height Console Wall with Ceiling

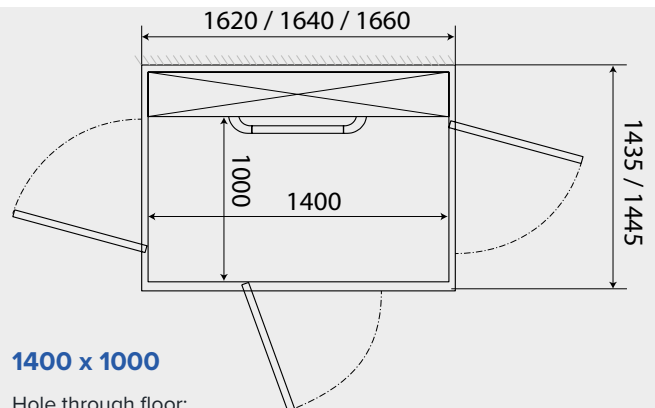


1400 x 900

Hole through floor:

- Front Access: 1620 x 1345 mm
- Lateral Access: 1640 x 1335 mm
- Adjacent Access: 1640 x 1345 mm
- Opposite Access: 1660 x 1335 mm

Platform: 1400 x 900 mm
Doors: 900 mm B-side / 700 mm A/C-side
Load: 325 kg

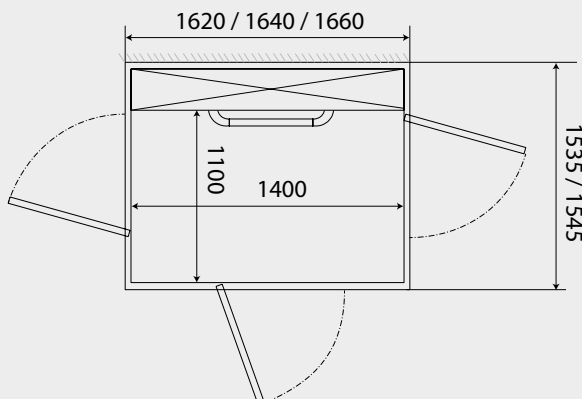


1400 x 1000

Hole through floor:

- Front Access: 1620 x 1445 mm
- Lateral Access: 1640 x 1435 mm
- Adjacent Access: 1640 x 1445 mm
- Opposite Access: 1660 x 1435 mm

Platform: 1400 x 1000 mm
Doors: 900 mm B-side / 800 mm A/C-side
Load: 325 kg

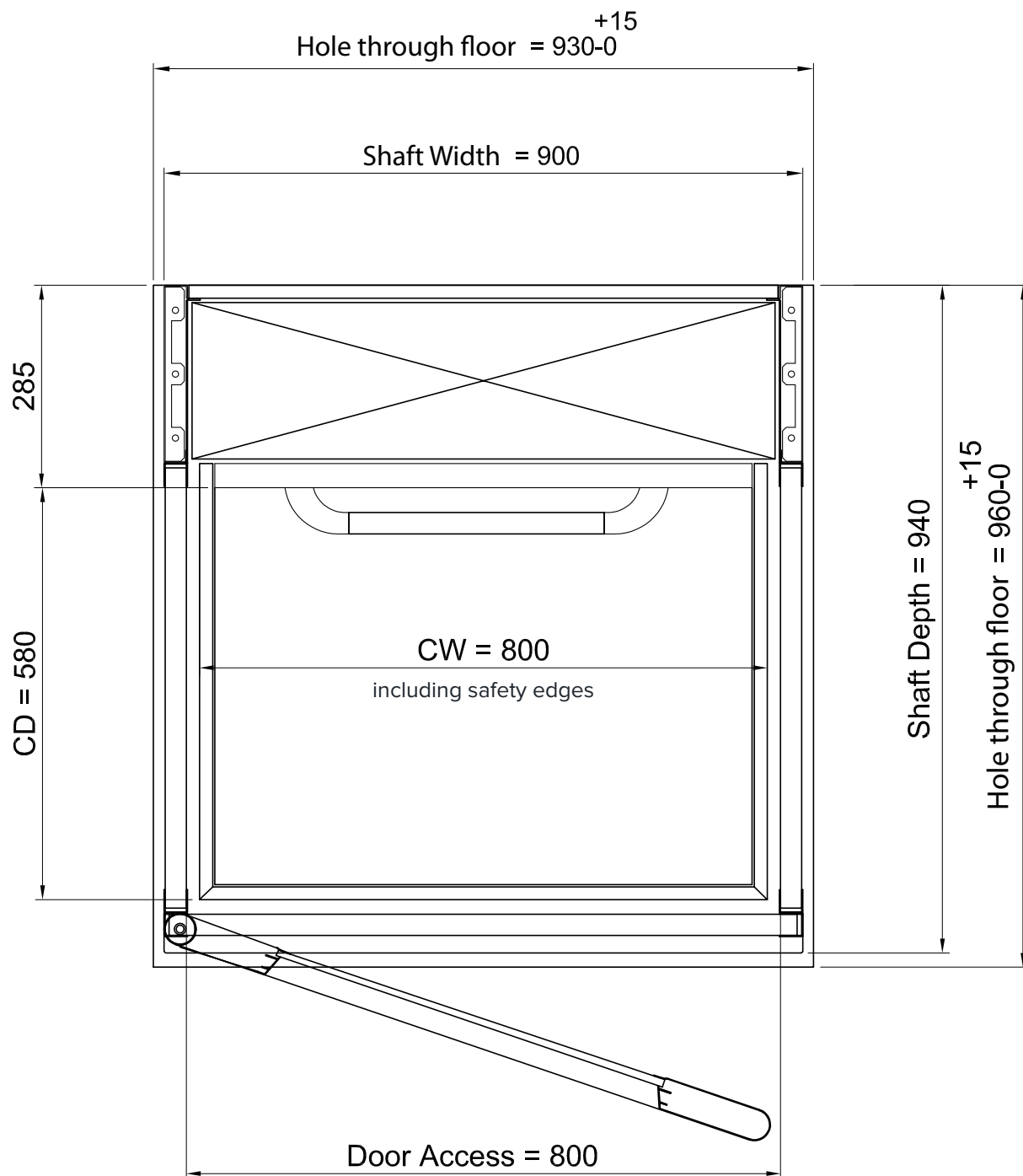


1400 x 1100

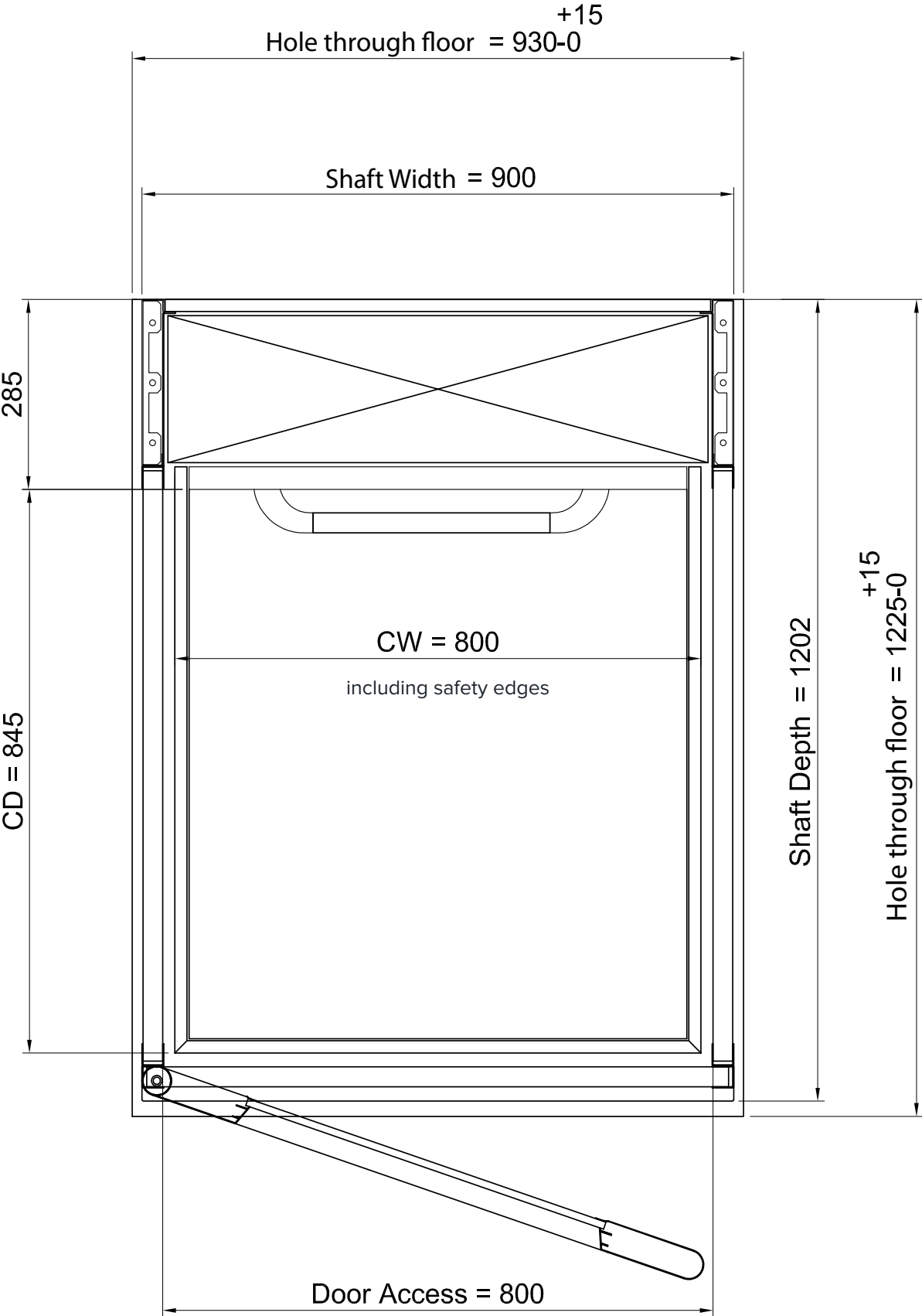
Hole through floor:

- Front Access: 1620 x 1545 mm
- Lateral Access: 1640 x 1535 mm
- Adjacent Access: 1640 x 1545 mm
- Opposite Access: 1660 x 1535 mm

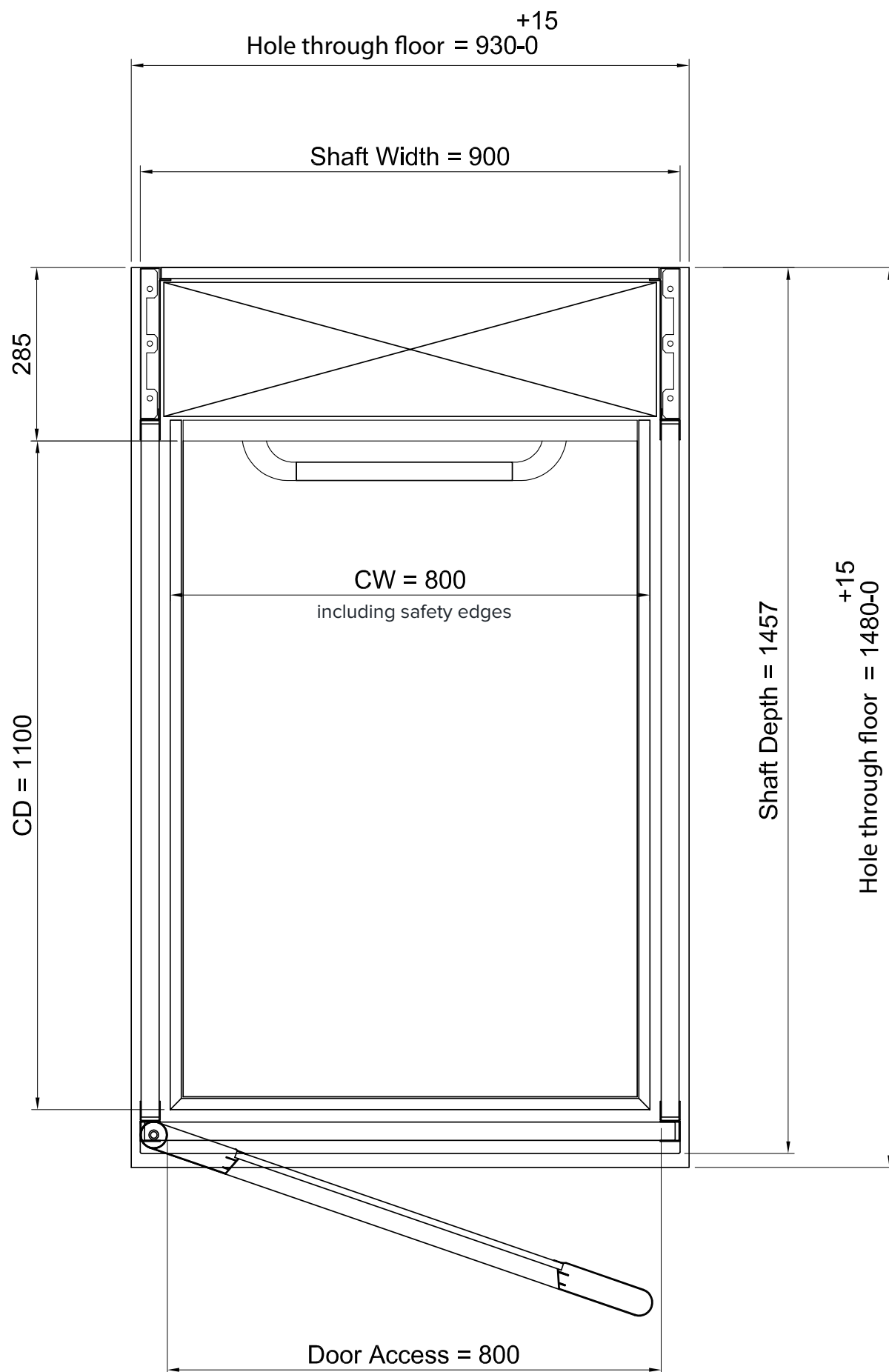
Platform: 1400 x 1100 mm
Doors: 900 mm A/B/C-side
Load: 400 kg

Altura Gold: 800 x 580 – Front

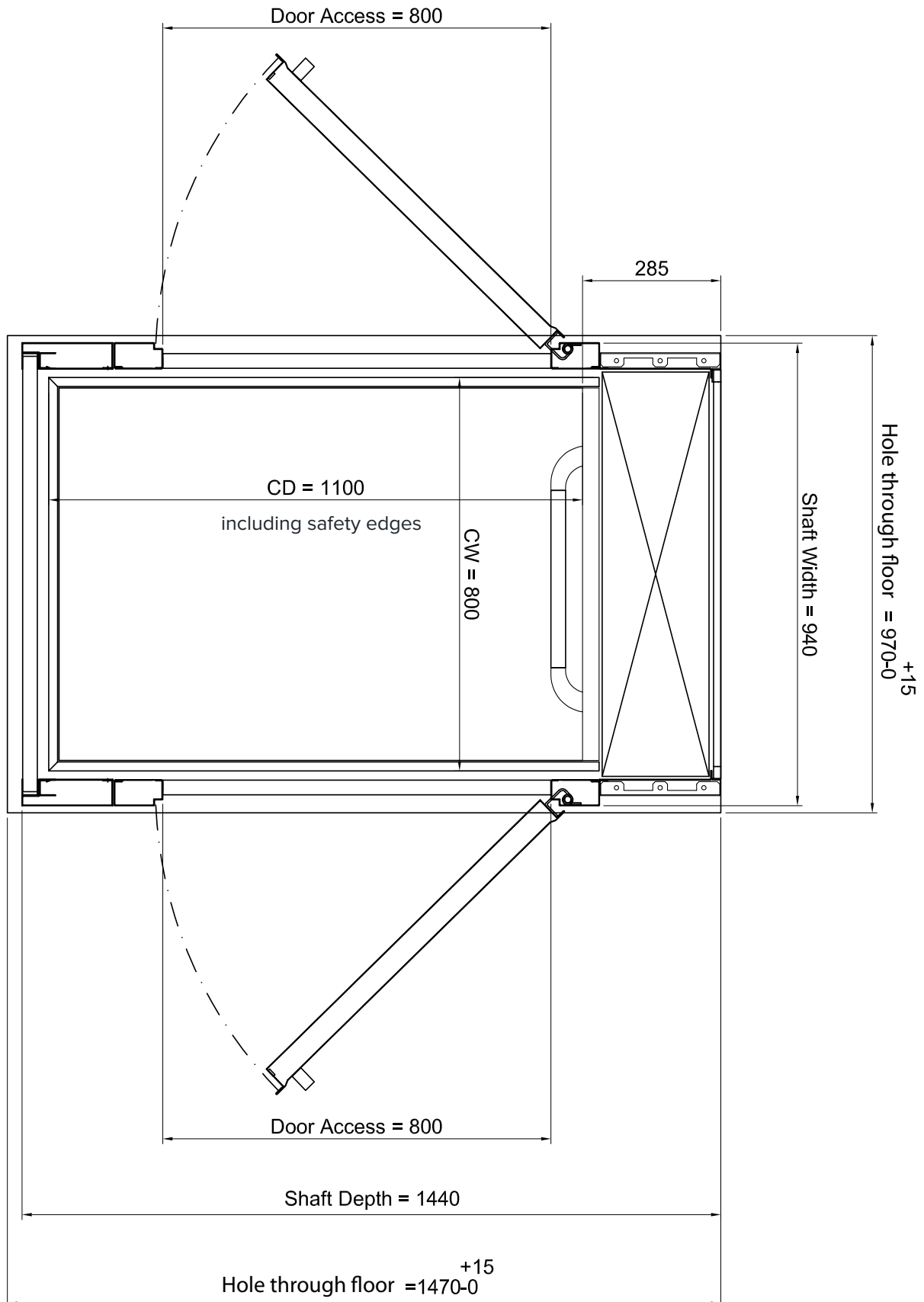
Altura Gold: 800 x 845 – Front



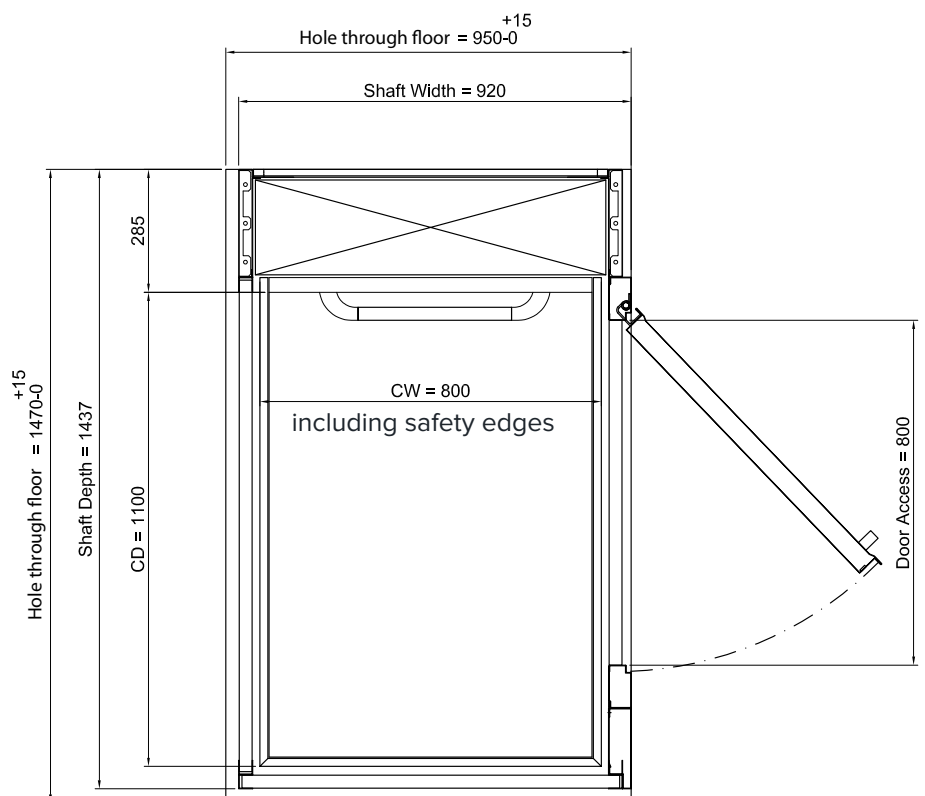
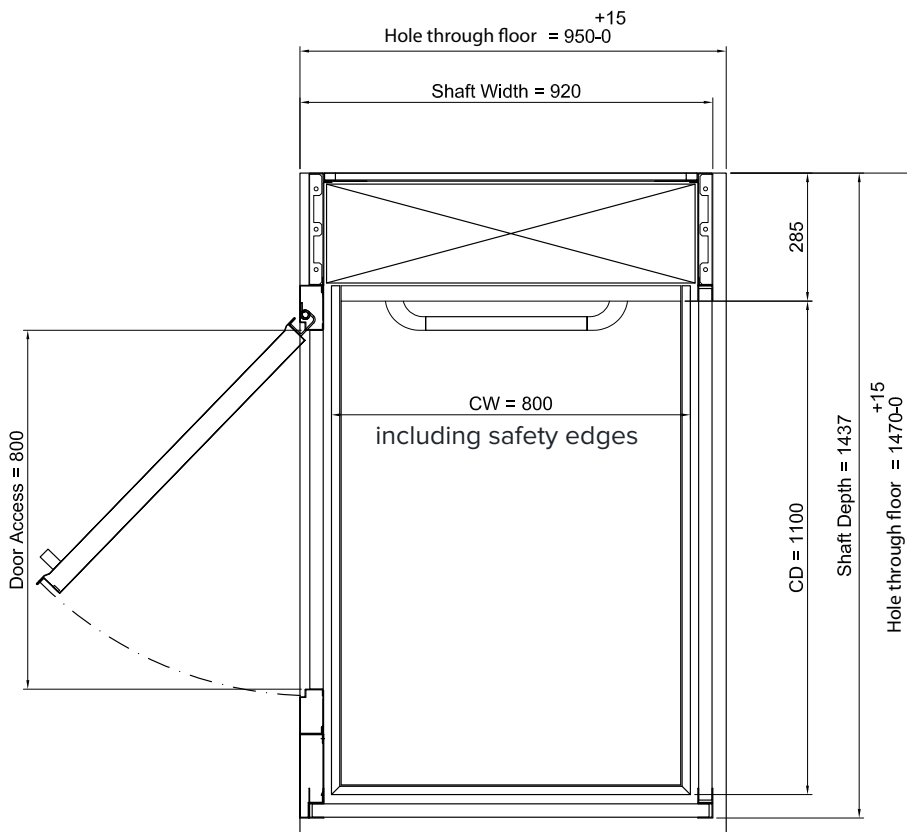
Altura Gold: 800 x 1100 – Front



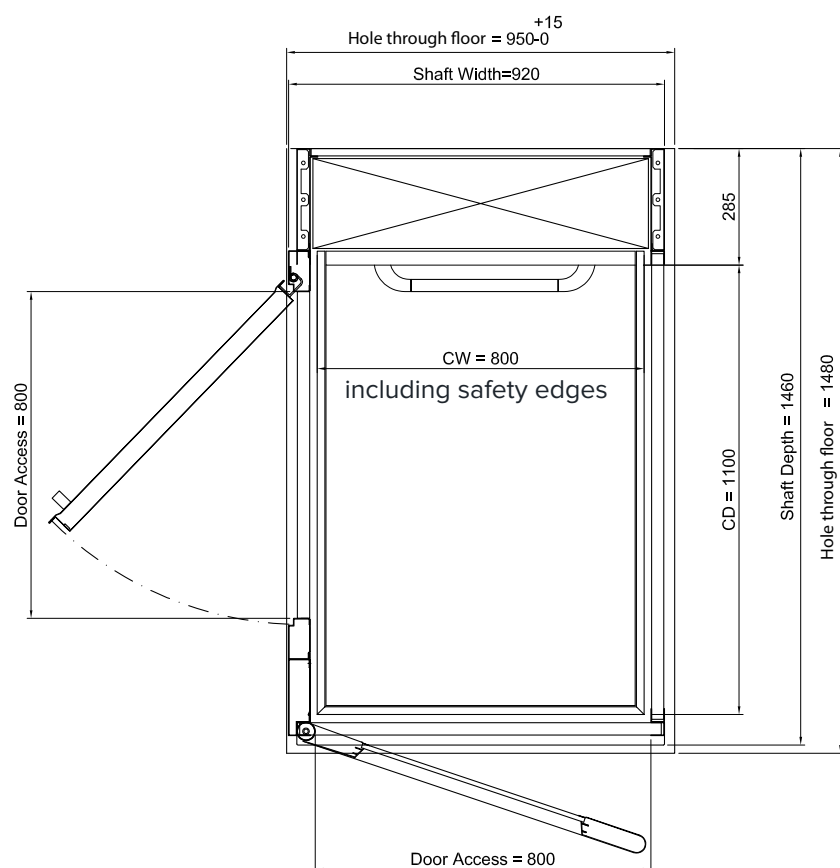
Altura Gold: 800 x 1100 – Opposite



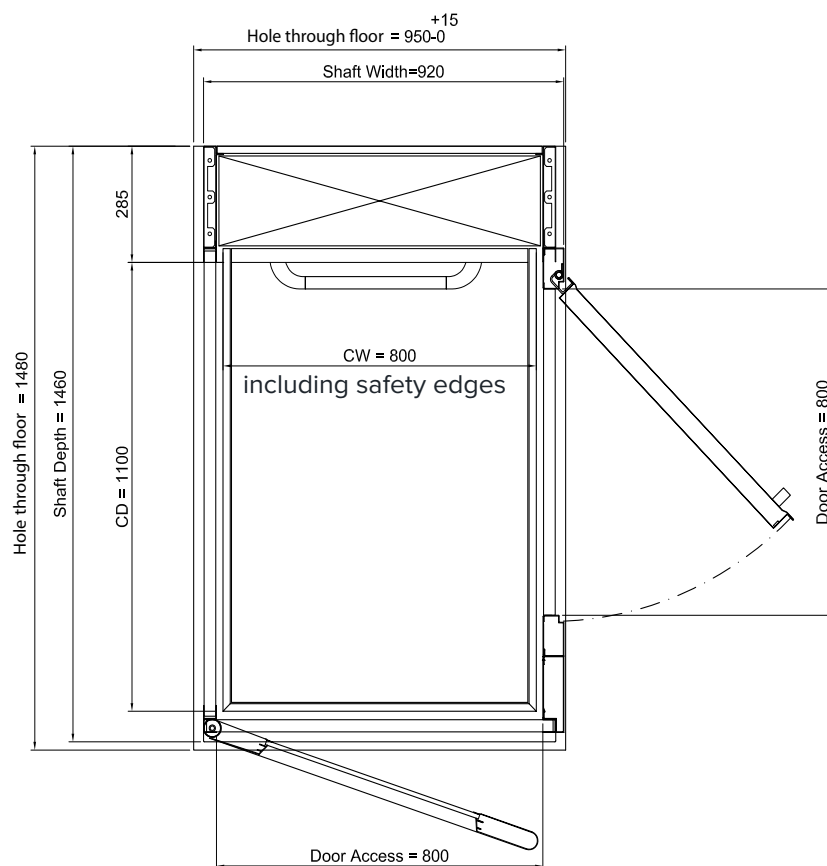
Altura Gold: 800 x 1100 – Lateral



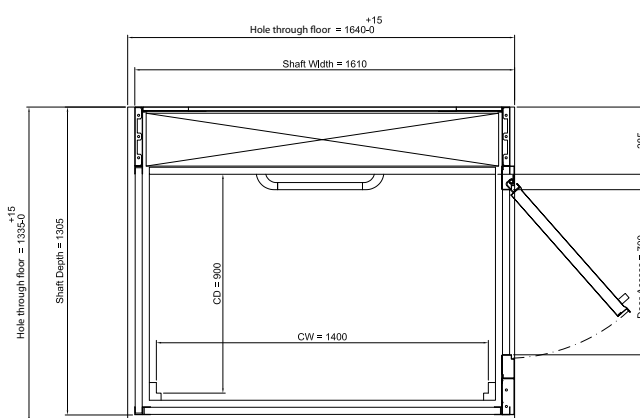
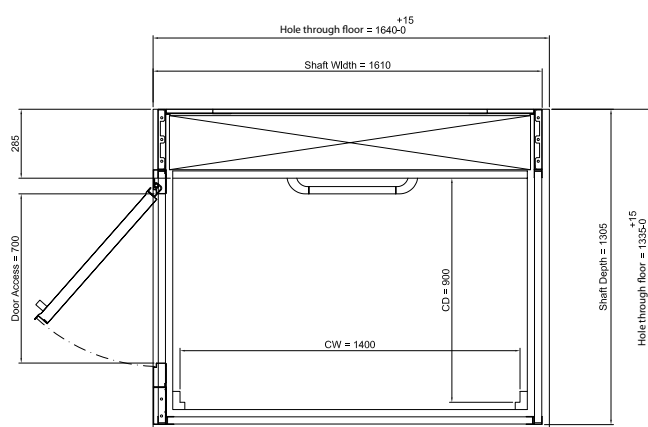
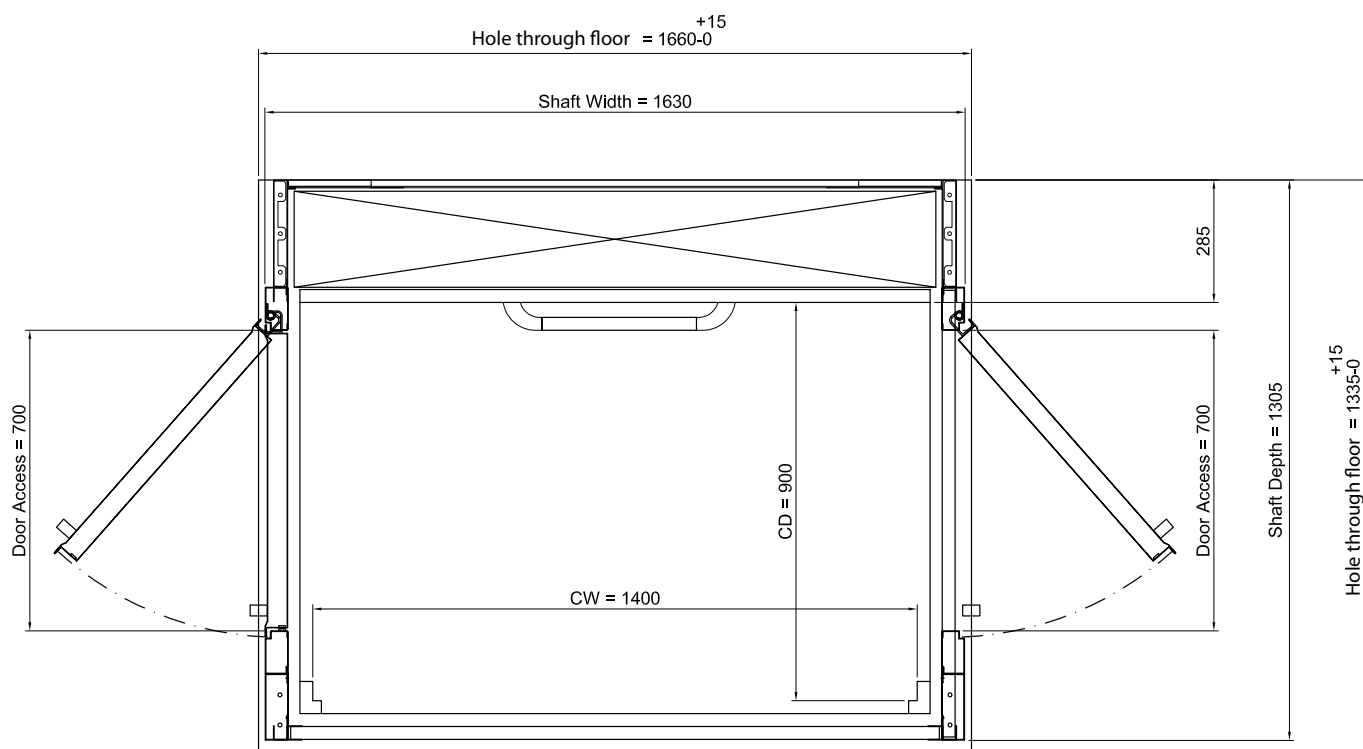
Altura Gold: 800 x 1100 – Adjacent



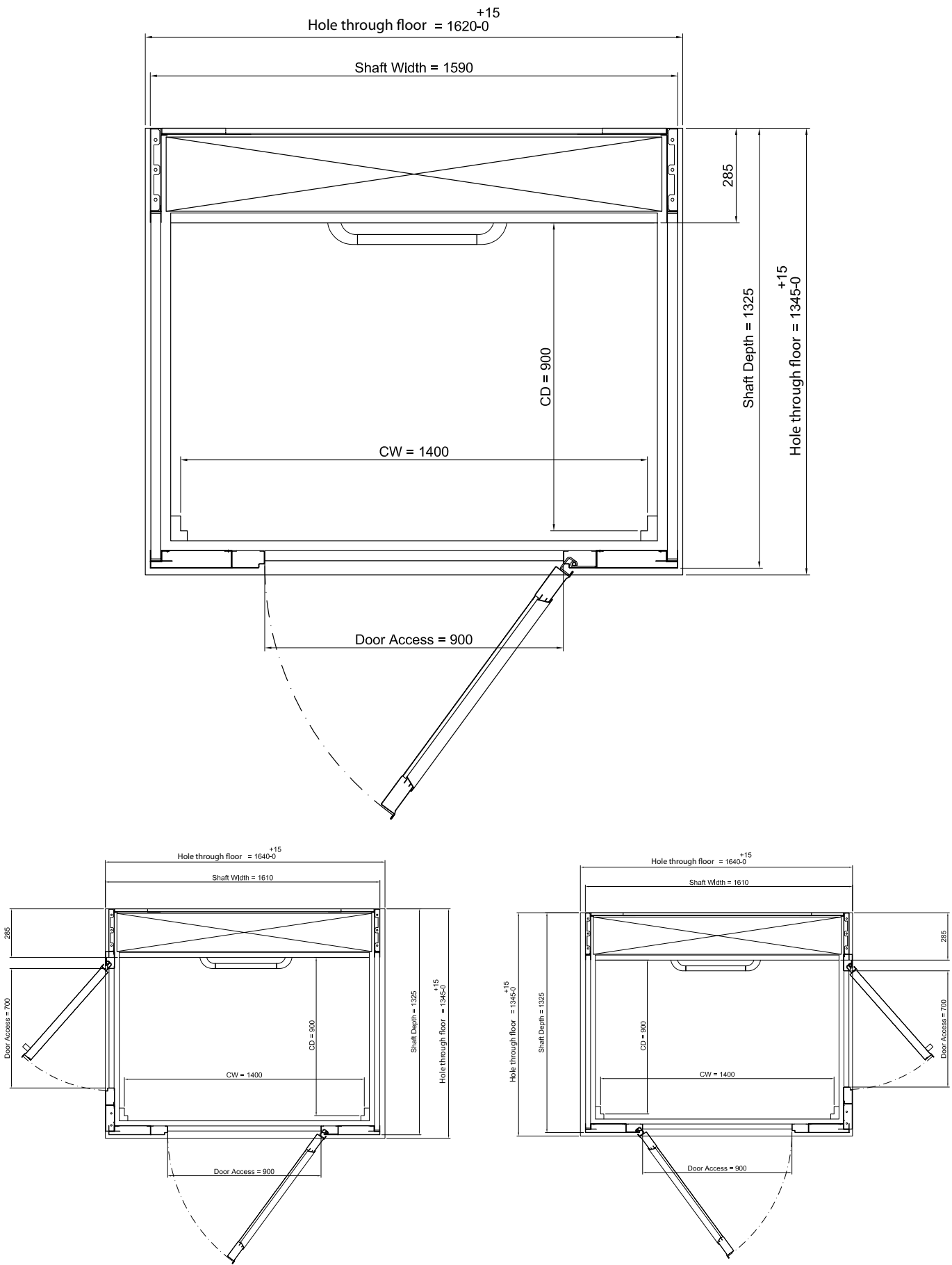
Adjacent accesses are possible with doors at different floors when there is a minimum distance of 2300 mm between floors.



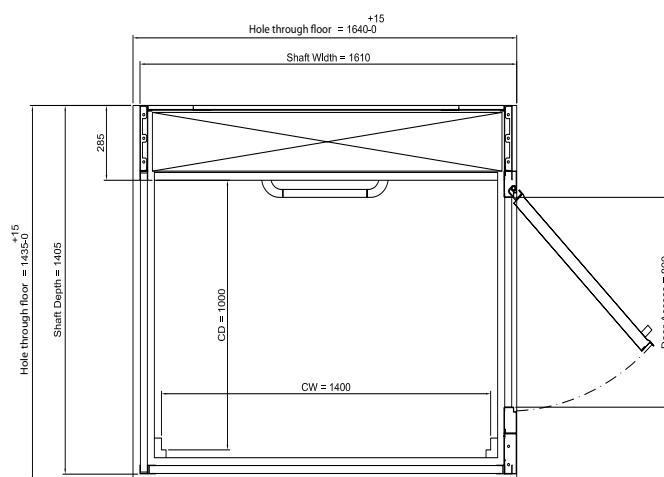
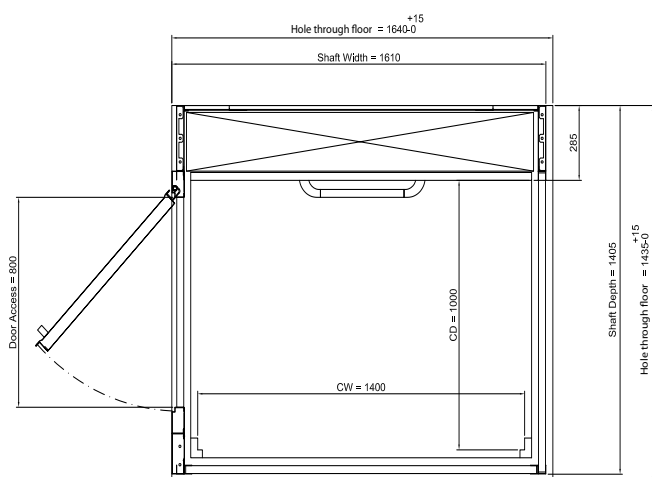
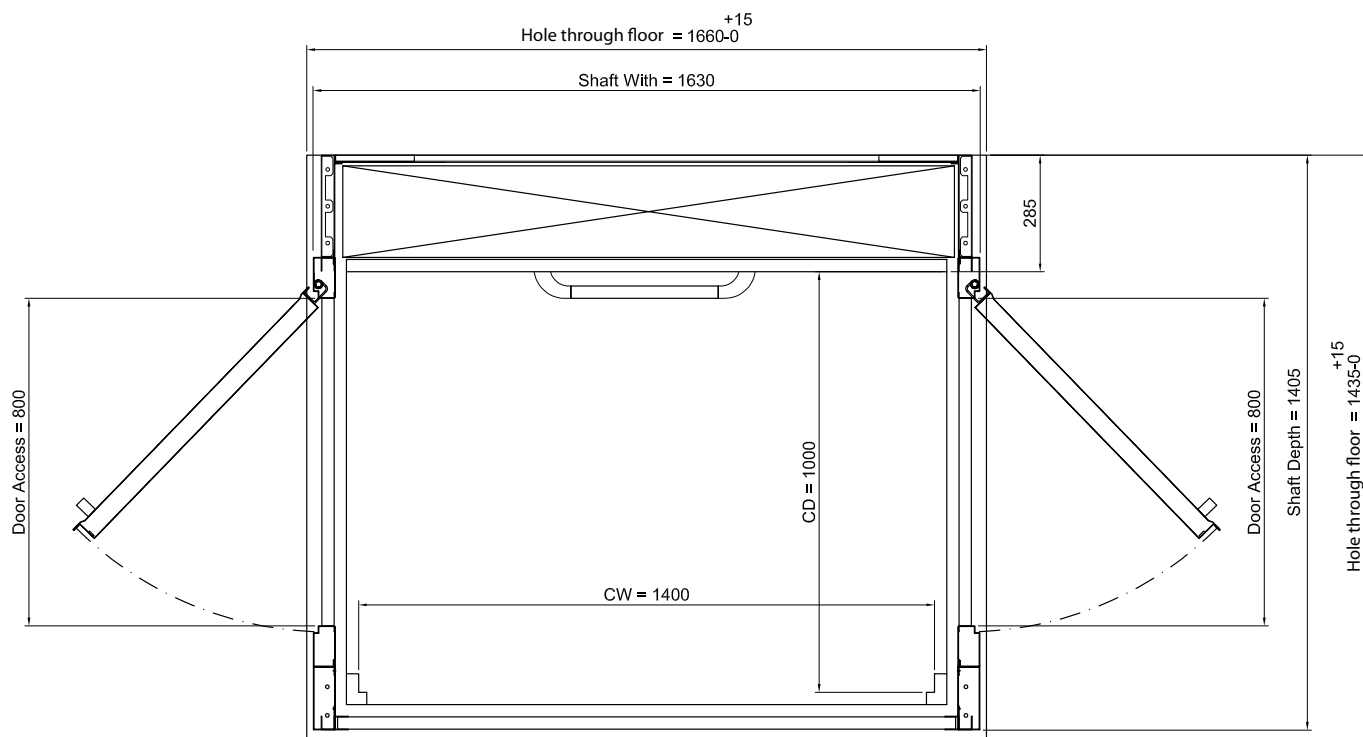
Altura Gold Pro: 1400 x 900 – Opposite and Same Side



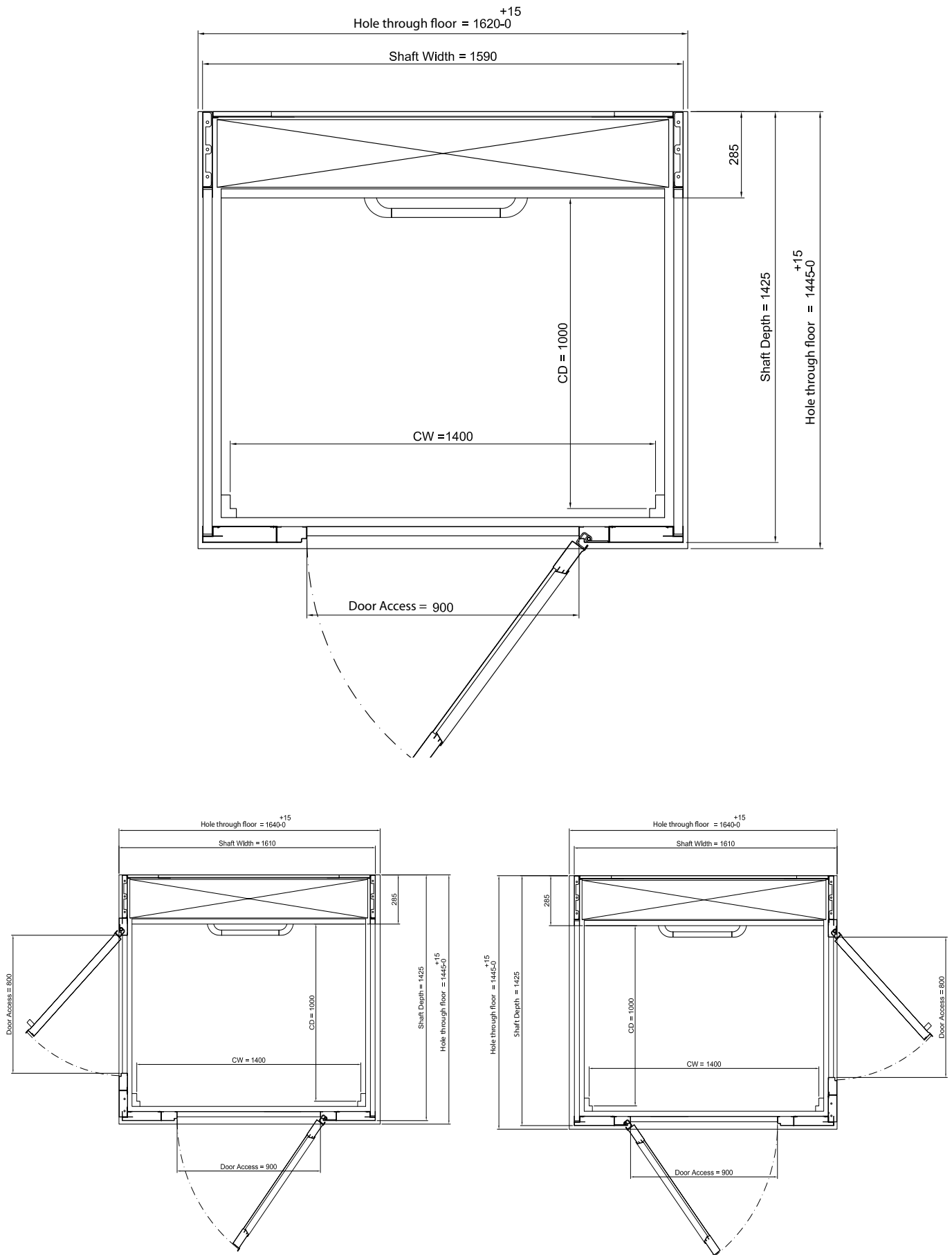
Altura Gold Pro: 1400 x 900 – Front and Adjacent



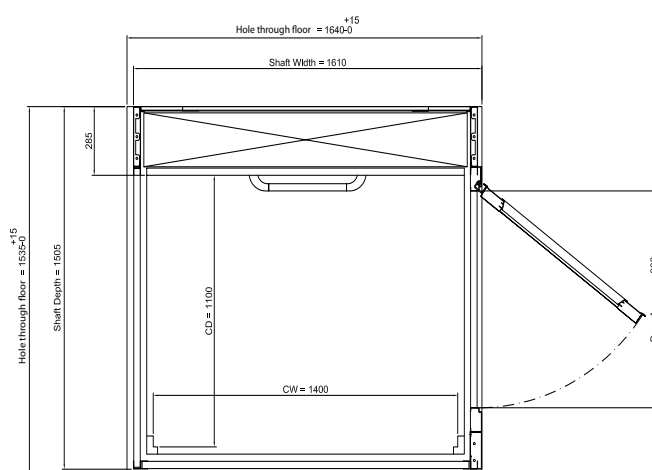
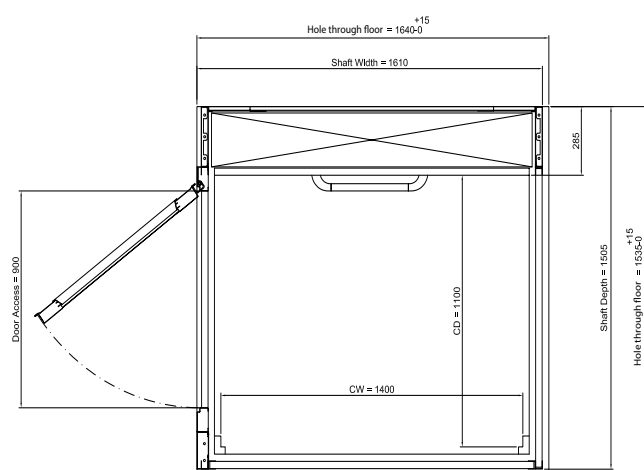
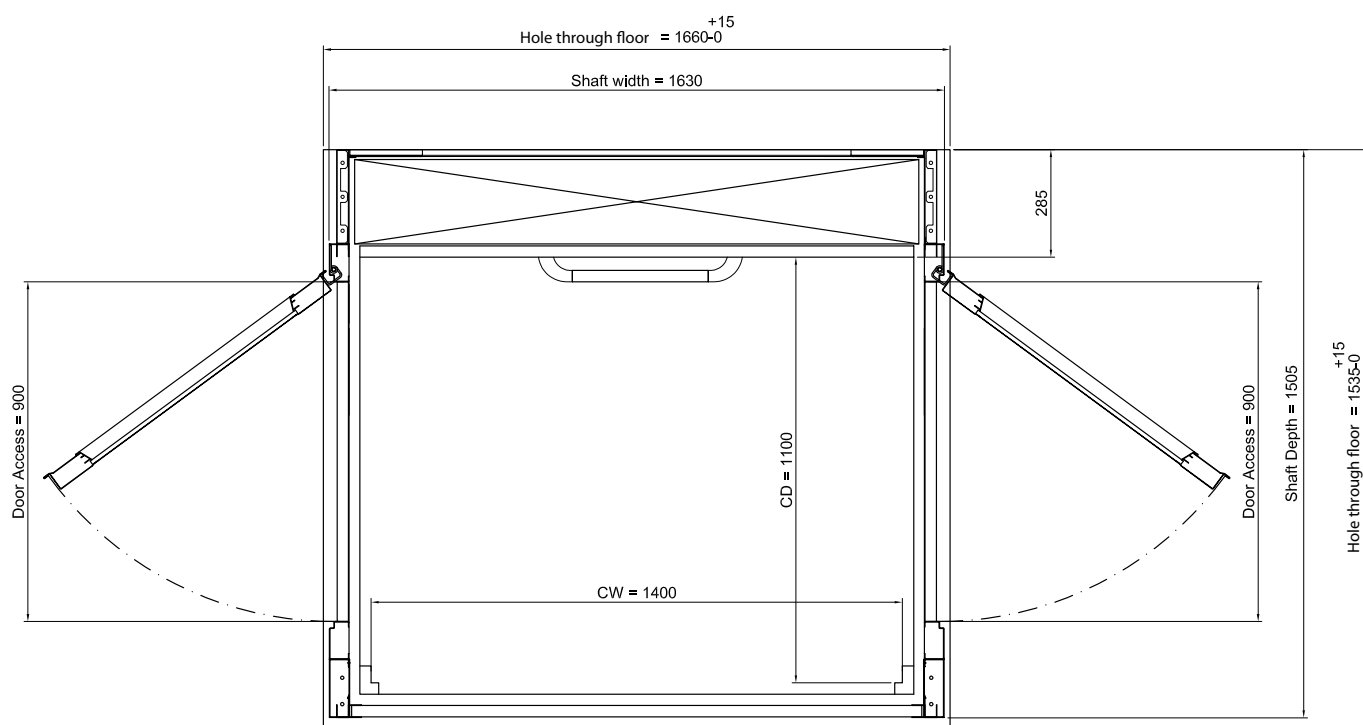
Altura Gold Pro: 1400 x 1000 – Opposite and Same Side



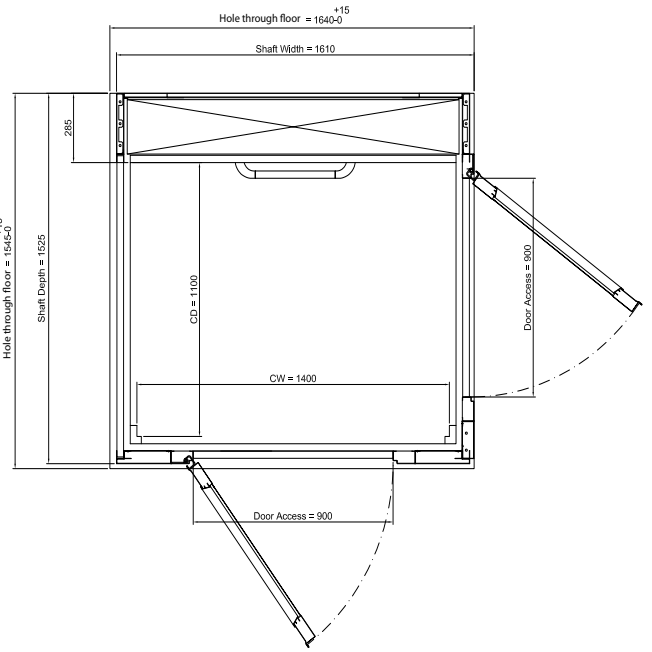
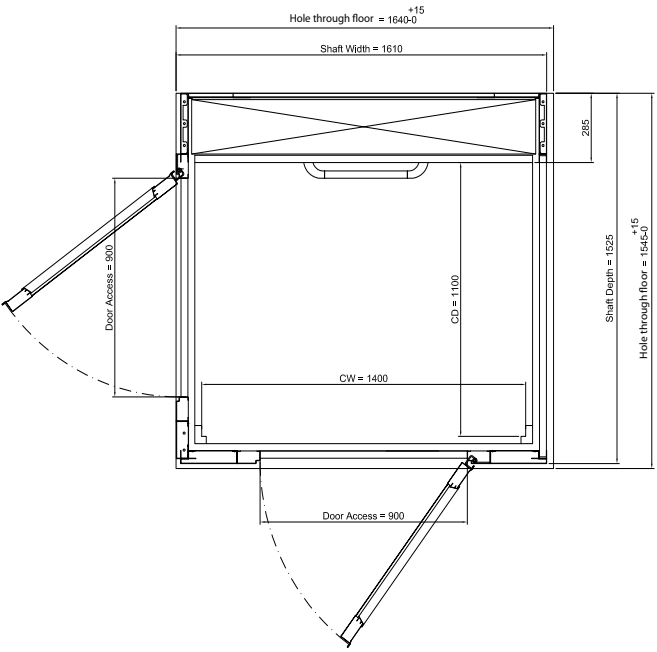
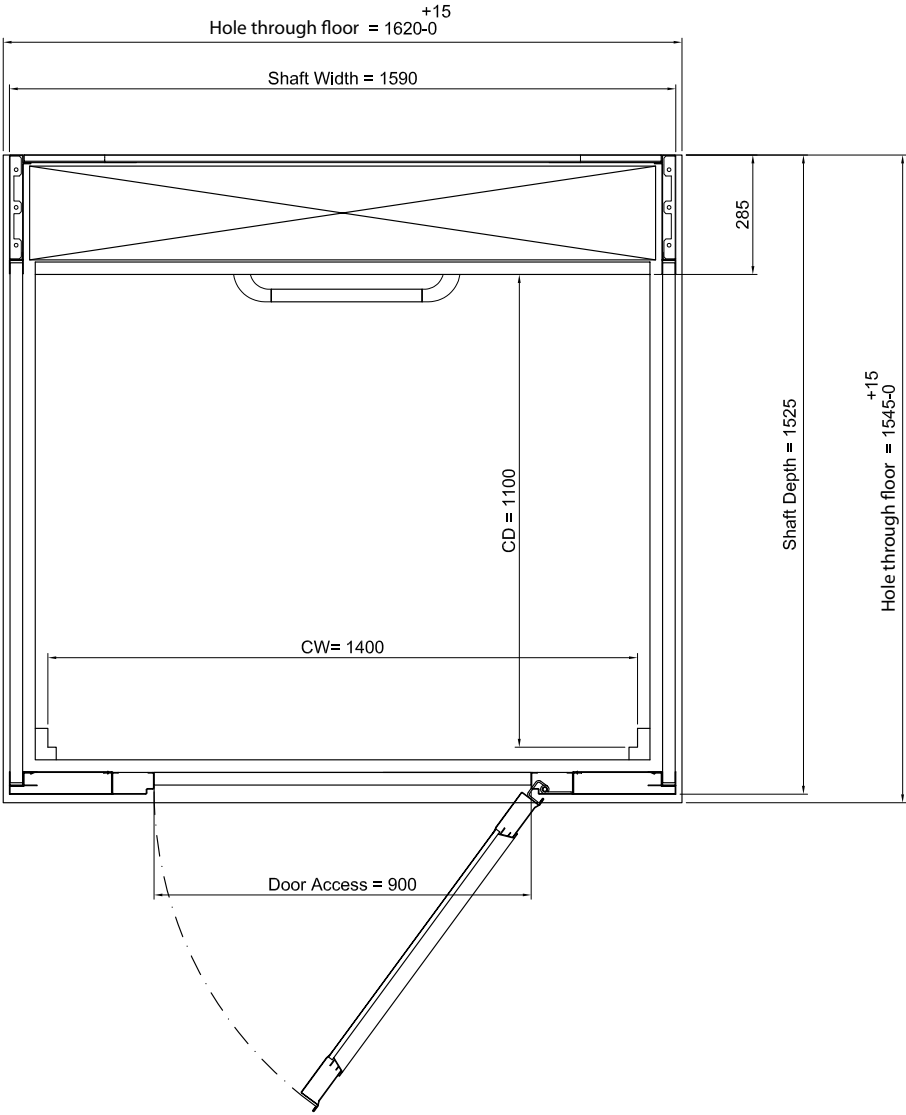
Altura Gold Pro: 1400 x 1000 – Front and Adjacent



Altura Gold Pro: 1400 x 1100 – Opposite and Same Side



Altura Gold Pro: 1400 x 1100 – Front and Adjacent



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