


OUR CABIN LIFT WITH AUTOMATIC RUN

Aritco 9000
Product catalogue
2021





Aritco Platform lifts - accessibility lifts for all needs.

Our journey started 25 years ago, with the simple idea of improving mobility everywhere. Today, Aritco lifts can be found in over 35,000 buildings and private homes around the world.


Simplicity, quality and innovation are the hallmarks of all Aritco's activities. We are constantly seeking new ways to improve the quality, design and user-friendliness of our products, as well as our environmental impact. Safety and reliability are top priorities,

and we follow Europe's strictest quality and safety standards.

All Aritco lifts are developed and produced in Stockholm, Sweden, and we are proud to maintain the highest level of quality in all stages of the process, from design through to final installation.



ARITCOTM



This catalogue is primarily made for all our partners around the world. The purpose is to show what Aritco can offer in terms of products, options and possible combinations.

Due to continuous product development, all specifications included in this catalogue are subject to change without prior notice. Reservations are made regarding misprints and articles being out of stock.

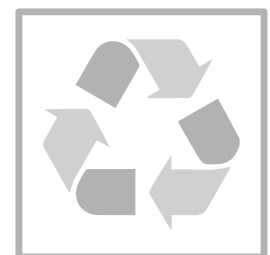
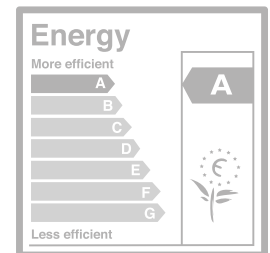
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PRODUCT SUMMARY

Aritco 9000 is our cabin lift for the accessibility market. The lift is designed to meet all requirements for quality, safety and service. It is a perfect fit for tough and demanding environments such as schools, shops and residential buildings.

Lift type:	Cabin lift intended for use in public and commercial environment.
Technical compliance:	European Machine directive 2006/42/EC
Drive system:	Patented screw/nut system
Rated speed (max):	0,15 m/s
Travel height:	2150 ¹⁾ -13 000 mm
Number of stops:	Max. 6 stops per lift
Number of landing doors:	Max. 6 doors per lift
Pit:	75 mm (no pit is required when there is a ramp)
Entry:	Single entry: A, B or C-side Opposite: A and C-side
Top height:	Minimum 2400 mm
Cabin control:	Automatic "one-touch" with cabin doors
Landing control (on door):	One-touch call
Environment:	Indoor
Emergency lowering:	Battery operated emergency lowering
Control voltage:	24V
Motor:	3 kW
Power supply:	3-phase 400V 50 Hz/5.2 A/16 A slow
Rated load:	400 kg



¹⁾ Opposite entry: min 2150 mm
Single entry: 2300 mm for 2000 mm door opening height

Aritco 9000

Lift colour
page 8



Lift walls
page 26



Doors
page 18

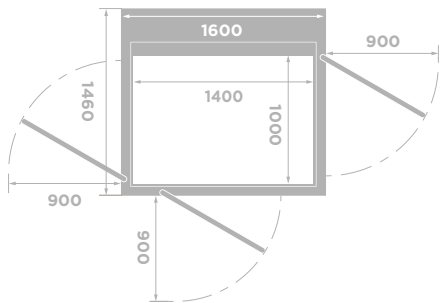
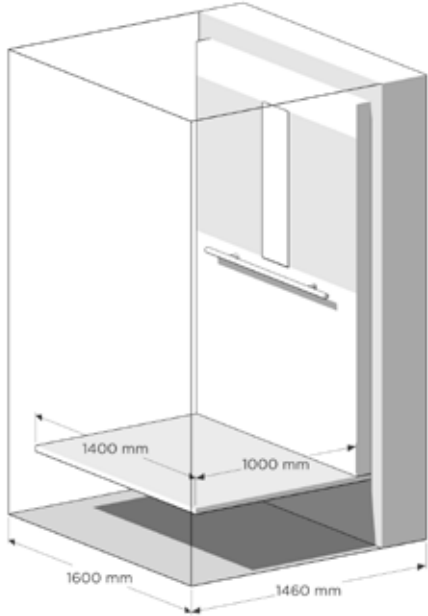


Cabin
page 10



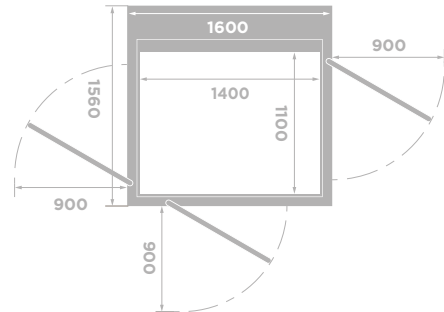
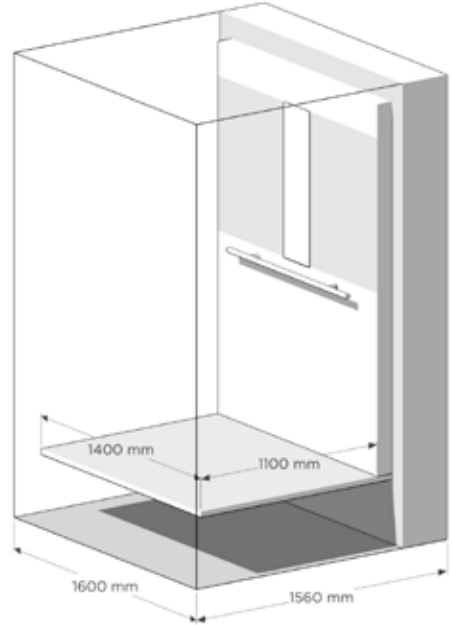
LIFT SIZE

1000 x 1400



Cabin size: 1000 x 1400
External dimensions: 1460 x 1600
Rated load: 400 kg / 5 persons
Wheelchair: A or B with attendant*

1100 x 1400



Cabin size: 1100 x 1400
External dimensions: 1560 x 1600
Rated load: 400 kg / 5 persons
Wheelchair: A or B with attendant*

(mm)

Aritco 9000 is available in 2 different cabin sizes (cabin floor area).

Cabin size: Inner dimensions of the lift
External dimensions: Outer dimensions of the lift (shaft size). For detailed drawings see page 34.

Cabin floor area A/C x B (mm)	Max load (kg)	Power supply
1000 x 1400	400	400 V 3-phase
1100 x 1400	400	400 V 3-phase

Frequency 50 or 60 Hz.

- * Aritco 9000 follows the requirements stated for lifts regarding the possibility to fit a wheelchair with or without attendant.
National guidelines may apply.

Depending on the size of the platform you can fit either a wheelchair or a wheelchair with an attendant.

Type A and B wheelchairs are defined in:

- EN 12183 Manual wheelchairs - requirements and test methods
- EN 12184 Electrically powered wheelchairs, scooters and their charges - Requirements and test methods

Dimensions of wheelchair	Class A	Class B
Total length	1200	1400
Total width	700	700

EN81-41 and EN81-70 defines the sizes of the platform and what type of wheelchair it is intended for.

LIFT & COLOUR

Aritco 9000 can be painted in any RAL colour from the Chart K7 classic chart (except for pearl and fluoridating colours*).

Aritco 9000 is painted in Traffic White, RAL 9016, as standard. The paint is a soft-textured powder coat with a matt surface (gloss level 12).

The entire lift can be ordered in another colour as an option. It is also possible to order only the doors or walls in a different colour. When another colour is chosen for the doors, all the doors will be supplied in the same colour.

Common colours, see page 9, have shorter lead time and lower price. The rest of the colours from RAL chart K7 classic have longer lead time and higher price.



Standard:

The whole lift painted in standard colour RAL 9016 (Traffic white).



Full colour option:

The whole lift painted in optional colour (Incl. shaft, doors).

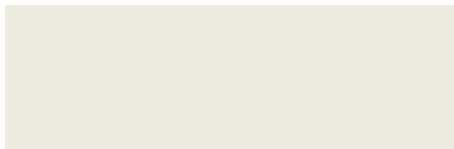


Lift partially painted in different colours:

- Lift walls/Shaft in one colour
- All door blades in one colour
- All door frames in one colour
- One of the above choices or a combination of them



Traffic white - Standard color
RAL 9016



Grey white
RAL 9002



White aluminum
RAL 9006



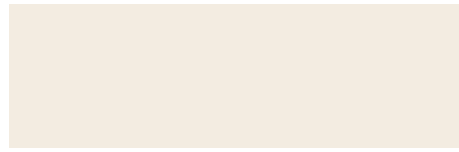
Telegrey 1
RAL 7045



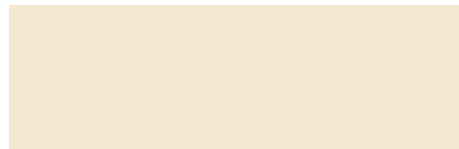
Anthracite grey
RAL 7016



Jet black
RAL 9005



Pure white
RAL 9010



Oyster white
RAL 1013



Light ivory
RAL 1015



Moss green
RAL 6005



Brown red
RAL 3011

Note that the actual color of the lift may differ from the color samples pictured above.

- ✱ Any RAL color means in this case any RAL color from the 213 color RAL chart K7 classic except the following colors that are not available;
Fluoridating colors: RAL 1026, 2005, 2007, 3024, 3026, 6038
Pearl Colors: RAL 1035, 1036, 2013, 3032, 3033, 4011, 4012, 5025, 5026, 6035, 6036, 7048, 8029, 9022, 9023

CABIN

The cabin is a light weight cabin made of wood and the walls are covered with laminate. The height of the cabin (floor to roof) is 2100 mm.



MIRROR

Mirrors on the machine side (D-side, same side as destination panel) can be ordered as an option. Two mirrors will then be delivered, one on each side of the destination panel. As an option it is also possible to order a mirror on the A or C side (on the opposite side of the door). This will help a wheelchair user who can't turn around to observe obstacles behind them when moving backwards out of the cabin. When a mirror is ordered on A or C side a handrail on this side is mandatory to prevent the mirror to get damaged. The handrail on A or C side is connected to the handrail on the D-side with a bend.

HANDRAIL

As standard the cabin comes with a handrail on the machine side (D-side) in stainless steel. The diameter of the handrail is 32 mm and it is placed/mounted 890 mm above the cabin floor. The handrail has a straight shape and goes along the machine side. It ends with a black plastic plug. Handrail brackets (fixings to the wall) made in brushed stainless steel are delivered with the handrail.

As an option the handrail can be delivered in oak. The handrail in oak has a diameter of 38 mm. The handrail bracket (fixings to the wall) are in stainless steel as when ordering a stainless steel handrail.

BUMP RAIL

To protect the cabin from getting damaged when using it for goods bump rails in metal can be ordered as an option. The bump rail is a rectangular tube mounted on the walls where there are no doors/openings in the cabin. The metal bump rail ends with black plastic ends. The size of the bump rails is 20x60 mm. The bump rails can also be delivered in solid oak, 70x20 mm.



CABIN CEILING

Standard cabin ceiling laminate is white grey (same laminate as used as standard for cabin walls, for all sides except for machine side). The ceiling always comes with four white LED spotlights (each LED with 3x1W, warm white). The LEDs come with a dimmer (placed on roof) which allows you to set the brightness of the LED lights. Emergency light (Diod, 1 W, white) is also installed in the cabin roof as standard. The emergency lights are only lit when there is a power failure. Illuminates the cabin panel.

DESTINATION PANEL

The destination panel is placed on the machine side (D-side) of the cabin.

PANEL FOR LIFT INFORMATION

A plate in stainless steel is placed on the machine side of the lift. On the panel the CE -marking is placed. Extra space is also available for other lift information of your choice.

KICK PLATE

Kick plate protecting the bottom part of the cabin. Surface mounted polished stainless steel 100 mm high. Delivered as standard.

CABIN WALLS

Standard:

Machine side



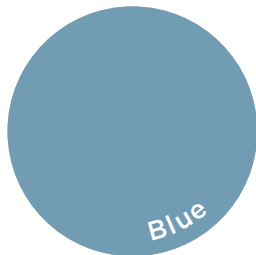
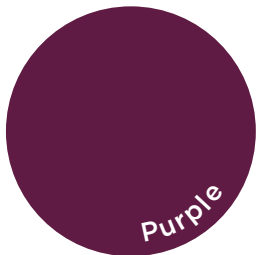
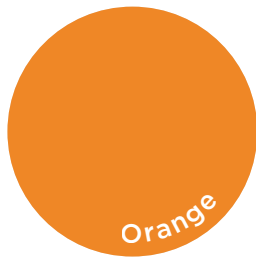
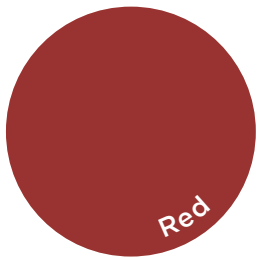
Other sides



Standard wall laminate for machine side is black with small embossed dots. For the other walls, where there are no doors standard laminate is white grey.

As an option you can choose from a range of different laminates in different colours. Choose the same colour for all cabin walls or choose one colour for the machine side and another colour for the remaining walls. Not valid for option Stainless steel plates 1 mm.

Options:



FLOOR

Choose between the following options for vinyl, rubber and aluminum floorings.

It is also possible to order the lift without a flooring, which enables you to put in your own flooring. Maximum thickness of an externally selected floor is 3 mm. Note that aluminum flooring is not available for platform size 900 x 1040 mm.



Dark Grey Vinyl
Standard



Light Grey Vinyl
Standard



Oiled Oak Vinyl
Standard



European Oak Vinyl
Standard



Aged Oak Vinyl
Standard



Checker Stud Black Rubber
Option



Checker Stud Grey Rubber
Option

DESTINATION PANEL

The destination panel is placed on the machine side (D-side) of the cabin.

It contains the destination buttons, alarm button, autodialer (option), landing indicator (option), door "re-open" button, door close button, Aritco logo, max weight and number of persons allowed. The cabin panel is made of stainless steel.

DESTINATION BUTTONS

Destination buttons are according to EN81-41 for disabled. The locations of the buttons are within the limits in the standard, i.e. height between cabin floor and the center line of the buttons is within 1000-1200 mm.

Buttons are square 28x28 mm. It is a stainless steel touch plate with black background and signs in stainless steel. Signs and braille are embossing (brightened). Height of signs is 15 mm. The button comes with a background lit frame which indicates if the destination button is pressed.

Following buttons are available: -2, -1, 0, 1, 2, 3, 4, 5, 6, B, G, K, P, U, E.

ALARM BUTTON

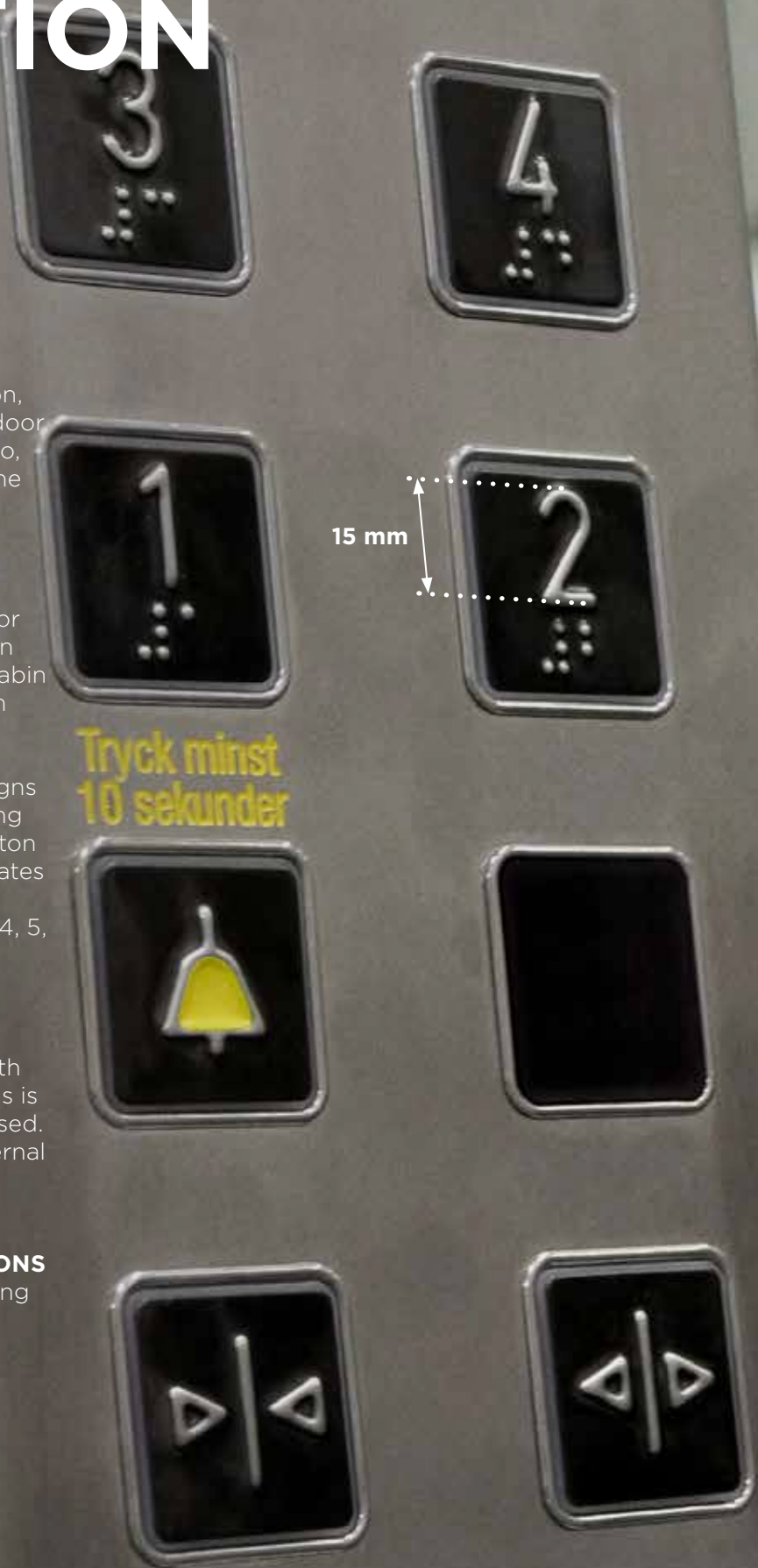
A standard alarm button is always delivered with the lift. When it is pressed a buzzer sounds. This is only a signal to the user that the button is pressed. The alarm button may be connected to an external alarm sounder or an autodialer.

RE-OPEN BUTTON AND DOOR CLOSE BUTTONS

Re-open button and door close button according to EN81-70 are included as standard.

Re-open button: identified by the symbol < | >

Close button : identified by the symbol > | <



LANDING INDICATOR

Digital display positioned at the destination panel. It shows which floor the lift is on at the moment. The indicator can also be fitted with a voice announcer available in Danish, Dutch, English, Finnish, French, German, Norwegian, Polish, Russian and Swedish. Voice: Basement, Ground floor, Floor 1-6. The landing indicator can also show information from the system.

- Warning if the batteries are low.
- A bell when the alarm button has been pressed.
- Number of starts and total run time since installation or since last reset.
- A weight symbol will appear if the lift is overloaded.
- If connected to the buildings fire alarm a "Fire" symbol will be shown when alarm is activated.

Can be ordered as an option.

KEY SWITCH ON CARRIER

Key switch placed on destination panel. The key switch locks the platform functions and prohibits unauthorized use. One key switch per platform can be provided. The key switch can be serial connected to all destination buttons or the key switch is connected to one destination button. Can be ordered as option.

Two brands to choose from:

- ASSA (Nordic markets only). Aritco only delivers the housing, Aritco does not deliver the locking cylinder.
- Telemecanique



EXTERNAL ALARM SOUNDER

External alarm sounder mounted outside the lift. It is connected to the alarm button and when the alarm button is pressed the external alarm sounder will give a loud signal outside the lift to attract attention in case of emergency. Can be ordered as an option.



CABIN DOORS

The cabin is delivered with cabin doors. The cabin doors are automatic folding doors, bus-type. Doors can be installed on A, B or C side or both A and C side.

Landing doors (installed in shaft) will always have door opening width 900 mm, independently of which side of the shaft the door is installed.

The standard opening height of the landing door is 2000 mm. As option landing doors can be delivered with opening height 1800 and 1900 mm.

The opening height of the cabin folding door is always 2000 mm (independently of the landing door opening height). The door width of the cabin folding door depends on which side of the cabin the door is installed and on the size of the cabin. For A- and C-side 1100 mm and B-side 1400 mm the folding door is 950 mm wide. The cabin folding door is made a little bit wider than the landing door, that is 900 mm wide. This is to reduce the risk of having the folding door damaged. On A/C side of the 1000 mm cabin there is no place to make the cabin door wider than 900 mm.

There are two options to choose from:

- Vision panel – steel door with small vision panels
- Aluminum profile - aluminum door with big vision panels



Vision panel



Aluminum profile

	A/C side		B-side
Cabin size	1000	1100	1400
Cabin folding door width	900	950	950
Landing door width	900	900	900

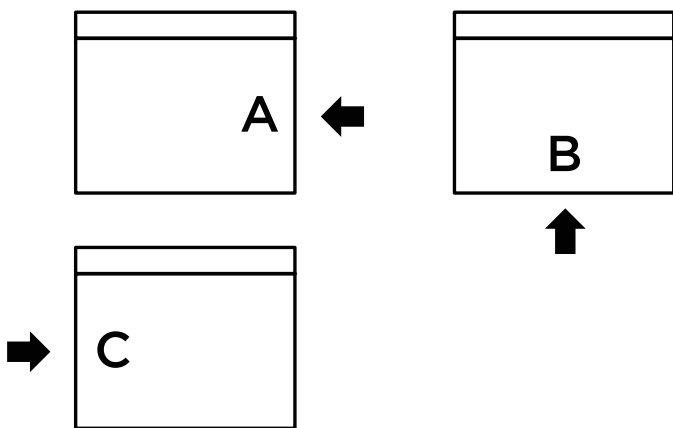
(mm)

CABIN ENTRY

Aritco 9000 can be delivered with single entry or opposite entry.

Single entry: with one cabin door and all landing doors on the same side of the shaft;

- A - side or,
- B - side or,
- C - side



Opposite entry: with two cabin doors and landing doors on two sides of the shaft;

- A and C - side



ROOF HEIGHT ON BOTTOM FLOOR AND SERVICE HATCH

For cabins with opposite entry (landing door and cabin door on both A and C side) the following is valid:

- For sides where you have only one landing door and the landing door is placed on the bottom floor, a service hatch is mandatory over the landing door so that you can reach the door machinery on the cabin door. This service hatch is placed on top of the landing door frame, which leads to that the minimum floor height on the bottom floor is 2532 mm (without a pit) and 2457 mm (with a pit). On other floors than the bottom floor there will be no need for a service hatch. Note that on these lifts it is not possible to have a fire proof door, EI60 door, on sides where you only have one door and this door is placed on the bottom floor. This is since the service hatch is not fire proof.
- For sides where you have more than one landing door there will be no need for a service hatch, since the door machinery of the cabin door can be reached from above landing door.

TRAVEL HEIGHT

Travel height: 2 150*-13 000 mm.

Minimum travel height:

- *2 150 mm when not having landing doors on the same side. E.g. When having opposite entry A and C side. The minimum travel height is due to the fact that you need to get up on the cabin roof to make service.
- *2300 mm when having landing doors on the same side. E.g. when having two doors on the same side; A, B or C side. Due to the height of the door frame and threshold on the landing doors.



LANDING DOORS

The landing doors installed at each landing are made of galvanized steel and laminated and toughened glass, 8 mm thick.



Large glass door

All doors are painted in RAL 9016 (Traffic white) but can be painted in any RAL colour as an option. The door frame and door blade can be painted in same colour or the frame in one colour and the blade in another colour. For the same lift all doors must be painted in the same colour.

A glassed area according to EN81-41 is standard for all doors. Standard is with clear glass (JT0). Optional is to have tinted glass (JT16).

The profiles around the glass are made of aluminium. The profiles can be painted in any RAL colour. If the door blade is in RAL 9016 (Traffic white) the profiles can be painted in the same colour as an option. If the door blade is painted in another RAL colour, the profiles will be in aluminium as standard, but can be painted in the same RAL colour as the door blade as an option. Note that aluminium profiles are standard and that painted profiles are an option.

All doors can be left- or right hinged. Doors are always delivered with door frame. It is not possible to order the door or the frame separately.

LARGE GLASS DOOR

Large glass door with one glass window.

Opening widths: 900 mm

Opening heights: 1800, 1900, 2000 mm

The actual height of the door is 40 mm higher since a plate that covers the joint between the door and the frame is mounted on the door.

Glass window (vision): 712x1472 mm (900 mm wide door)

Standard: Door blade and door frame in RAL 9016 (Traffic white). Glass window: clear glass (JT0)

Options: Door blade and /or door frame in other RAL colour. Glass window: tinted (JT16).

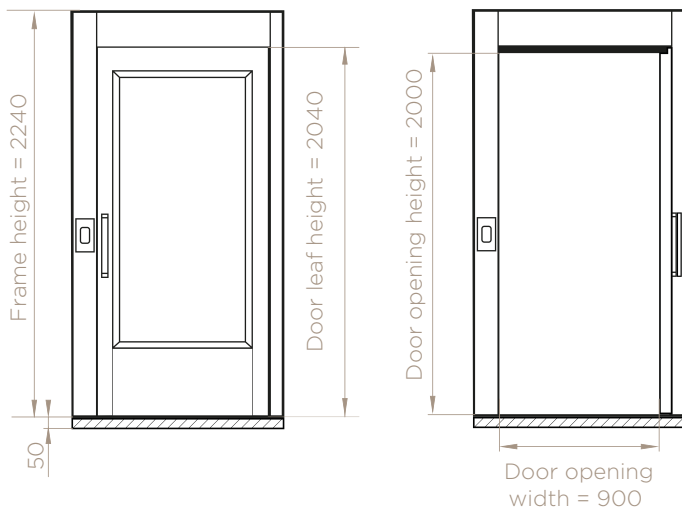
Door opening width	Door opening height	Available for B-side	Available for A/C-side
900	1800 ¹⁾ / 1900 ¹⁾ 2000	1400	1000 1100

(mm)

¹⁾ Note that when having a landing door with door opening height of 1800 or 1900 mm, the cabin door opening height is still 2000 mm.

DOOR OPENING HEIGHT

The actual height of the door is 40 mm higher since a plate that covers the joint between the door and the frame is mounted on the door. For door opening height 2000 mm the actual door height is 2040 mm.



(mm)

DOOR FRAME

A door frame is always delivered with the door. The size of the frame depends on the platform size and the door opening width and height. The height of the frame is always 240 mm higher than the door opening height.

Door opening height	Frame height
1800	2040
1900	2140
2000	2240

(mm)

A/C -side

Cabin side	Frame size
1000	1160
1100	1260

(mm)

B -side

Cabin side	Frame size
1000	1160
1100	1260

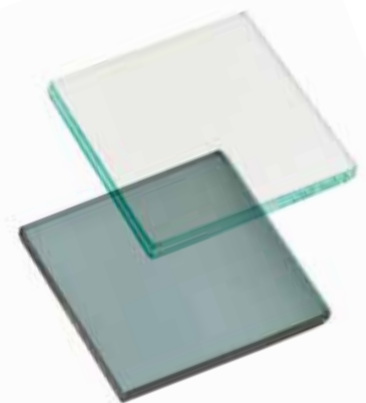
(mm)

Clear glass

JT0

Tinted glass

JT16



LANDING DOOR

EI60 – Fire & smoke proof door complies with the lift directive 95/16/EC and EN 81-58.

EI60 – FIRE & SMOKE PROOF DOOR

As standard the EI60 door is delivered with a frame. As an option a widening panel for the A and C side can be ordered to cover the machine side part. The widening panel is available with or without a hatch to cover the electrical cabinet.

Note that it is not possible to have a EI60 door on sides where you have only one door and this door is placed on the bottom floor. This is since the service hatch is not fire proof.



EI60 – Fire & smoke proof door

Opening width: 900 mm

Opening height: 1900, 2000 mm

The actual height of the door is 20 mm higher since a plate that covers the joint between the door and the frame is mounted on the door.

Standard: Door blade and door frame in RAL 9016 (Traffic white), Glass window in clear glass (JTO).

Options: Door blade and /or door frame in other RAL colour.

Note that the profiles around the glass window are in Aluminum and are not painted in the same colour as the door.

Door opening width	Door opening height	Available for B-side measure	Available for A/C -side measure
900	1900 ¹⁾ / 2000	1400	1000 / 1100

¹⁾ Note that when having a landing door with door opening height of 1900 mm, the cabin door opening height is still 2000 mm.

(mm)

EI60 – FIRE & SMOKE PROOF DOOR FRAME

A door frame is always delivered with the door. The size of the frame depends on cabin size and the door opening width and height. The height of the frame is always 220 mm higher than the door opening height.

Door opening height	Frame height
1900	2120
2000	2220

(mm)

B-side

Cabin side	Frame size
1400	1500

(mm)

A/C-side

Cabin side	Frame size
1000	1160
1100	1260

(mm)



DOOR CONTROL

The door control is either placed on the door frame of each landing door and/or placed away from the lift as an external control.

DOOR CONTROL ON DOOR FRAME

Door control placed on the door frame on the lift. For Aritco 9000 there is always place on the door frame for a door faceplate.

CALL BUTTON

The call button comes with a background lit frame which indicates the status of the lift.

- Green light indicates that the lift is at your floor. Lit only on the floor where the platform is at the moment.
- Red light indicates that the lift is occupied. It is busy and you can't call for it.
- The flashing light indicates that the security circuit is broken, e.g. that the emergency button is pressed, the door is open on another floor for more than one minute, the door is blocked or the safety frame is pressed down. The flashing light can also be activated by a sum alarm, more information is then available in the service memory.

The same call button is used when the door control is placed on the door frame, externally or as a radio controlled call button.



DOOR FACEPLATE

The door faceplate can be placed directly on the door frame or externally in an external call station box. The door faceplate is in standard painted in grey, anodic color Natura which has an Aluminum look.

The door faceplate can hold:

- Call button
- Key switch Telemecanique/School locking
- Key switch prepared for Assa/School locking
- Key switch prepared for EUR/School locking
- Call button and key switch with Telemecanique/School locking
- Call button and key switch prepared for ASSA/School locking
- Call button and key switch prepared for EUR/School locking



KEY SWITCH / SCHOOL LOCKING

Instead of having a normal call button on the door faceplate you can have a key switch. You then need to have the key to be able to call for the lift and to access the lift. Includes school locking function which automatically locks the door 10 seconds after it is closed. Aritco can provide one key switch per door.

Three brands to choose from:

- ASSA (Nordic markets only). Aritco only delivers the housing, Aritco does not deliver the locking cylinder.
- EUR, Aritco only delivers the housing. Aritco does not deliver the locking cylinder.
- Telemecanique



EXTERNAL DOOR CONTROL - PLACED AWAY FROM LIFT

Door control placed away from the lift in an external call station box connected to the lift via a cable or as a radio controlled call button without any cable.

EXTERNAL CALL STATION BOX

The door faceplate can be placed away from the lift and will then be placed in an external call station box. The colour of the external call station box is RAL 9016 (Traffic white). The box can either be mounted exterior on a wall (wall mount) or in the wall so that you only see the door faceplate (flush mounted). The external call station box can be ordered as an option.

The standard length of the cable delivered with the external call station box is 1.5 m, as an option it can be 10 m long.

Size flush mount: 82x150x50 mm

Size wall mount: 95x185x50 mm



RADIO CONTROLLED CALL BUTTON

The radio controlled button, placed in a white plastic box, gives the customer the freedom to place the call button wherever they would like within 10 meters from the lift. The radio controlled call button runs on batteries and provides remote controlled access to the lift.

The radio controlled call button doesn't indicate the status of the lift.

Can be ordered as an option.



DOOR MACHINERY

The landing doors are always delivered with either a door opener or a door closer.

Depending on the door type you can either have it mounted internally (in the door frame so that you can't see it from the outside) or externally (in a box visible from the outside).

Door opener: Opens and closes the door automatically. Door open time and the opening speed are adjustable.

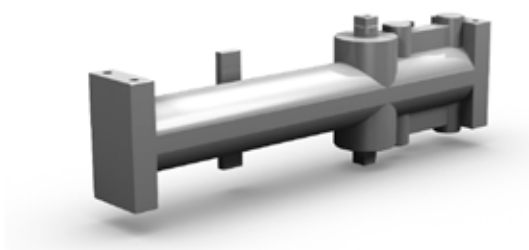
Door closer: Door is opened manually. The door is closed automatically after a preset time.

All openers and closers are available for both left and right hinged doors. When having two doors on the same landing, both doors will be opened at the same time when having door openers.

Door type	Internal door closer	External door closer	External door opener
Large glass door Standard	•	•	•
EI60 - fire & smoke proof door	•		•

INTERNAL DOOR CLOSER

Closes the door automatically. It is built into the door frame and is invisible from the outside. Includes function to keep door open until the user manually closes the door. Standard for all doors.



EXTERNAL DOOR OPENER

Opens and closes the door automatically after a preset time. Can be ordered as option. Cover and sides painted in RAL 9016 (Traffic white) as standard. If the door blade is painted in another color, the cover will be painted in the same color. The sides will still be in RAL 9016 (Traffic white).



EXTERNAL DOOR CLOSER

Closes the door automatically after a preset time. Can be ordered as an option.



HOLD OPEN ARM

Keeps the door open until the user manually closes the door. Can be combined with external door closer only. Can be ordered as an option.



DOOR OPTIONS

DOOR HANDLE

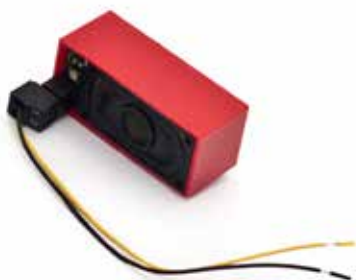
Door handle with a diameter of 30 mm is delivered as standard to all doors. The ends of the handrail are closed and turned towards the door blade.

- Anodized aluminum (standard)



ARRIVAL GONG

The arrival gong gives an audible signal (ding dong) when the platform arrives at each landing. It is placed in the door frame on each landing. Can be ordered as an option.



LANDING INDICATOR ON DOOR

Digital display positioned at the door frame. It shows which floor the lift is on at the moment. The landing indicator can also show following system information:

- Warning if the lift batteries are low.
- A bell when the alarm button has been pressed.
- Number of starts and total run time since installation or since last reset.
- A weight symbol will appear if the lift is overloaded.
- If connected to the buildings fire alarm a "Fire" symbol will be shown when alarm is activated.

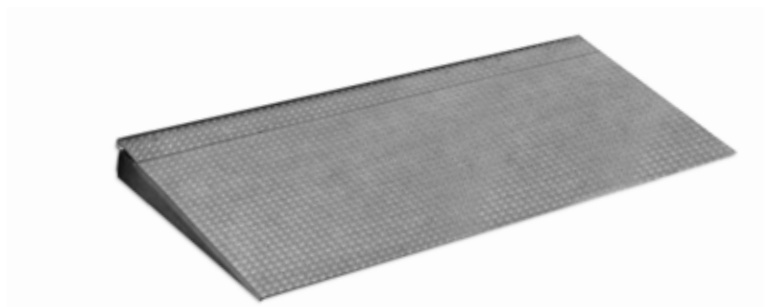


COVER PLATE

If the door control is placed externally and not on the door frame a cover plate that covers the hole in the door frame is delivered with the lift. The cover plate is always delivered with the lift in the same colour as the door frame. Standard colour is RAL 9016 (Traffic white).

RAMP

If the lift is installed without a pit a ramp is mandatory according to EN81.41. The ramp is made of galvanized steel covered with corrugated aluminum to prevent slipping. The vertical rise of the ramp is less than 1:4. The ramp can be ordered as an option for lifts installed without a pit. Ramp dimensions: Height 75 mm



LIFT WALLS

The lift is always delivered with a self supporting shaft.

The lift always comes with side cladding panels on the inside of the shaft on the machine side. For all sides except for the machine side you can choose to have shaft panels in steel or glass. The top height of the shaft is not fixed. The minimum top height is 2400 mm, which is the lowest top height. Higher top height can be ordered.

CLADDING PANELS

Side cladding panels, for the inside of the machine side are delivered as standard. Middle cladding panels are not available, since there is no space for them. That means that you will see the screw from outside the shaft. This is especially the case when having a glass shaft, but the screw can also be seen through the glass in the landing doors. The screw is thus not visible from inside the cabin. As standard the panels are in RAL 9016 (Traffic white), but if shaft is painted in another colour the panels will be painted in the same colour.

MACHINE SIDE CLADDING

The machine side cladding in steel covers the back-side of the machine side. The machine side cladding can be ordered as an option and can run from bottom to top height. It can also be ordered partly if the lift is partly mounted to a wall. The cladding is painted in the same colour as the shaft panels. Size: Travel height plus top height.

SHAFT PANELS

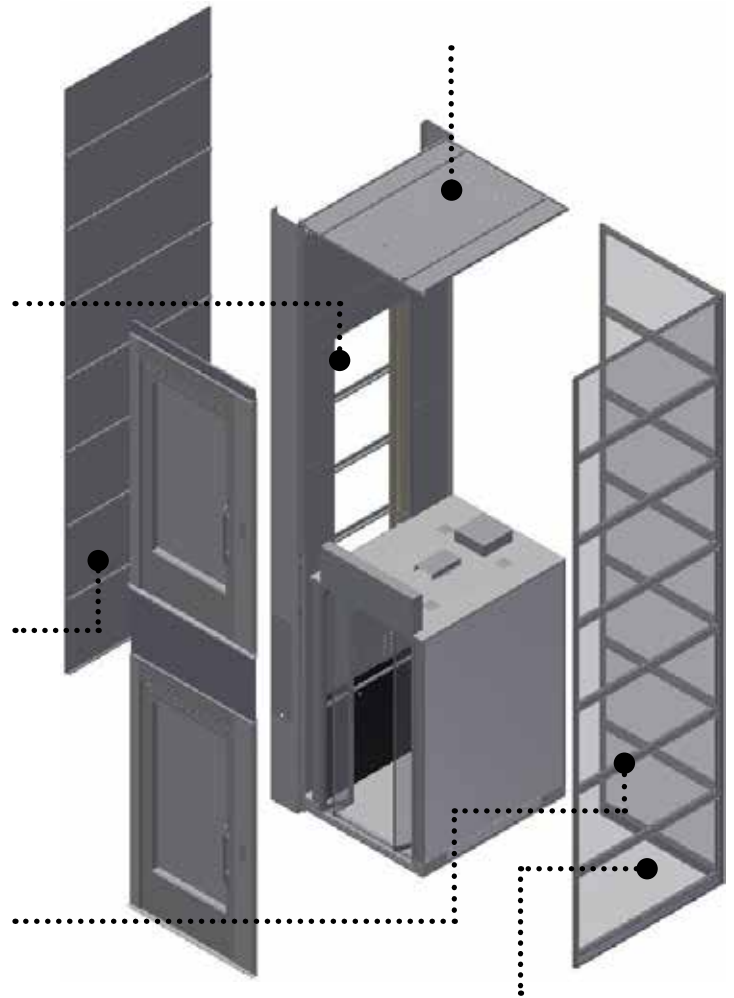
Standard is 25 mm thick shaft panels with EPS (polystyrene) core and steel plates. The panels are painted in RAL 9016 (Traffic white) as standard. If the shaft is painted in another colour the shaft panels will be painted in the same colour. The height of the shaft panel is 575 mm.

GLASS

As an option glass panels with laminated and toughened glass can be ordered. Standard is clear glass (JT0). Option with tinted glass (JT16). See page 19. The glass panels are 8 or 10 mm thick depending on the size of the glass. Glasses which are higher than 1000 mm is always 10 mm. The glasses are fitted in aluminium profiles. These profiles are in aluminium as standard, but can be painted in a RAL colour as an option. For a shaft painted in the RAL 9016 (Traffic white) the profiles can be painted in the same colour. For a shaft painted in another RAL colour

INNER CEILING

To have a closed shaft you can add an inner ceiling as an option. The inner ceiling is painted in RAL 9016 (Traffic white) as standard, but will be painted in the same colour as the shaft if the shaft is painted in another colour. The inner ceiling is delivered without light. The ceiling must have a lighting that gives minimum 50 lux at the cabin roof. If the lighting is not provided in the shipping, it is the owner's responsibility to mount lighting with correct capacity. When using an inner ceiling for the shaft the minimum top height is 2440 mm.

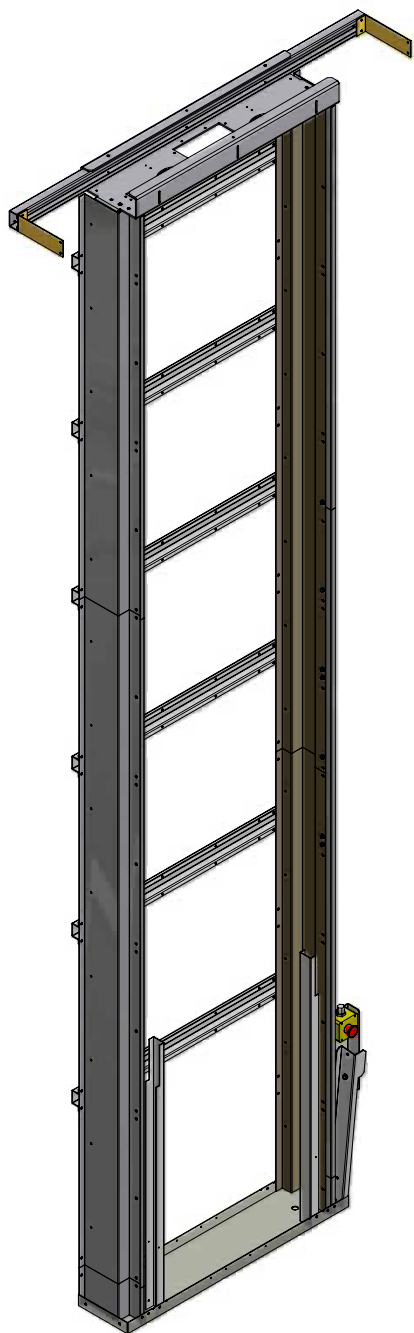


the profiles are as standard aluminium. As an option the profiles can be painted in the same RAL colour. Note that this has to be ordered separately. Shaft panels / glass with aluminium profile:

Height (mm)	Clear glass (JT0)	Tinted glass (JT16)
736	•	•
1472	•	•
2208	•	•
Customized ¹⁾	•	•

¹⁾ Additional cost per mm. Maximum height per glass panel is 2200 mm

LIFT WALL OPTIONS



MAST

Aritco 9000 can be delivered in different ways, depending on the length of the lift.

- For travel heights 1720 -13000 mm the mast is always delivered in parts.
- For travel heights 1370 - 1720 mm the mast is delivered in parts as standard, but can be delivered in one part if required.
- For travel heights up to 1 370 mm the mast is always delivered in one part.

ELECTRICAL CABINET

The standard position of the electrical cabinet is in the shaft, at the upper floor where the landing door is located. If the standard position of the electrical cabinet proves difficult we offer the option to move it to another landing or to place it externally in a lockable casing.

Size of standard electrical cabinet (placed in shaft): 180 x 880 mm.

Size of external electrical cabinet (placed in an external box): Height 500 mm, depth: 160 mm, width: 400 mm.



EXTERNAL SERVICE PANEL

A service panel is always placed in the electrical cabinet. It is used to run tests etc., and for emergency running the lift. An external service panel is available for mounting outside the lift as an option. In this case a wire connects it with the service panel in the electrical cabinet.

The external service panel must be activated with a 3 edge key before it can be used.

Size: 95 x 185 mm



EXTRA ANTI-RUST PROTECTION

In order to protect the lift when exposed to humid environments, e.g. when sea transport or when the packed lift is exposed to humid conditions during transport or at the installation site, the lift is delivered with guides (corrosion class C5). Can be ordered as an option.

COMMUNICATION

Two way communication is mandatory according to EN81-41. Choose from one of the following options or install your own phone.

AUTODIALER

Equipment for emergency calls. Integrated on the destination panel. Dials automatically when the alarm button is pressed. When unanswered after a predefined time, the call is automatically forwarded to the next number.

The autodialer can be equipped with a GSM module (only 2G). Aritco does not supply SIM card.

PHONE

The telephone works as a standard telephone but is intended for emergency calls. The phone is mounted on the platform panel. Equipped with redial memory, mute button and a lamp indicator for on/off. Can be equipped with a GSM module. Aritco does not supply SIM card.

DC CONVERTER

When more autodialers are connected in series on one phone line the power on the phone line is not enough to drive more than one autodialer. In this case, a DC-converter is needed for each lift. The DC-converter 12-24 V is used as external power supply for the autodialer.



DRIVE SYSTEM



BATTERY GUARD

The battery guard ensures that the batteries are not damaged and that there is enough power so that you can run the lift in the case where the power to the lift is cut. It ensures that the lift is turned off (all power consumers are turned off) when the power of the batteries reaches 22 V. This means that even if the power on site is turned off the batteries in the lift will not be discharged and you can still run the lift. The battery guard can be ordered as an option.

LUBRICATION

The screw must be oiled at regular intervals. Automatic Lubrication. Oils the driving screw at regulated time intervals even if the lift is not in use. The lubrication frequency is adjustable. Standard for Aritco 9000.



POWER SUPPLY

For Aritco 9000 the following is valid:

3-phase 400V / 5.2 A / 16 A slow

- Frequency converter with built in soft start and soft stop
- Frequency 50 or 60 Hz

BATTERY OPERATED EMERGENCY LOWERING

All Aritco lifts have battery operated emergency lowering as standard. You can lower yourself from inside the lift and get out by yourself when there is a power failure. Possible to run the lift to nearest level from the cabin (possible to go down)
- Executed when pressing a cabin button. Can also be run externally from the call button (hold to run) or service box.



FIXING THE LIFT

Fixing the lift to the walls of the building.

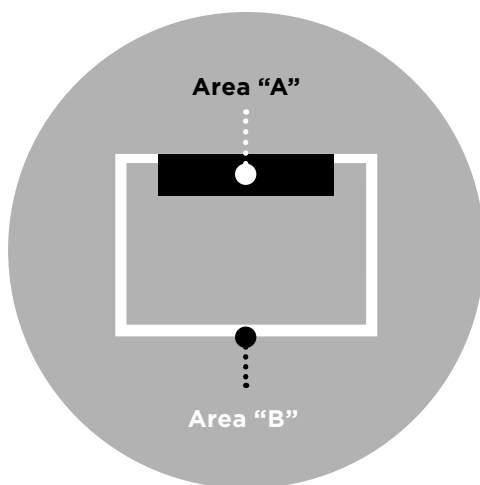
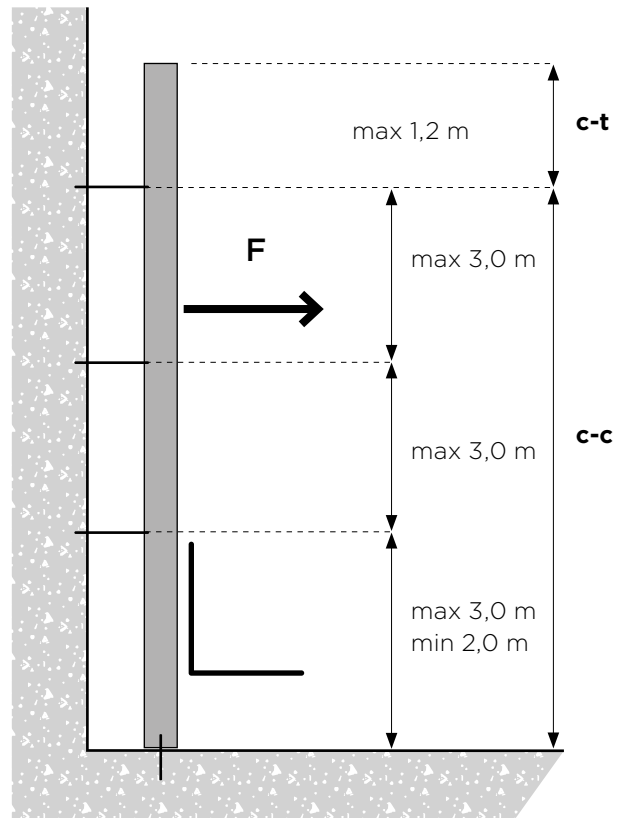
Details regarding the forces are available in the installation manual for Aritco 9000. Make sure that the entire installation is made in an indoor environment.

Reaction forces from the lift to the building:

Maximum force as a function of the lift's travel. The force is distributed to the floor through the mast bottom with the area "A" and to the shaft bottom with the area "B".

Force on fixing to support frame (mast) to wall:

- c - c = distance (height) from the floor to the highest fixing into the wall.
- The maximum distance between two fixings or lower floor and the lowest fixing is 3,0 m.
- The minimum distance between lower floor and the highest fixing is 2,0 m.
- c - t = distance from the top of the mast to the highest fixing into the wall.
- The maximum distance between the top of the mast and highest fixing is 1,2 m

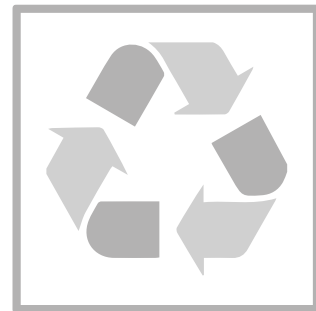
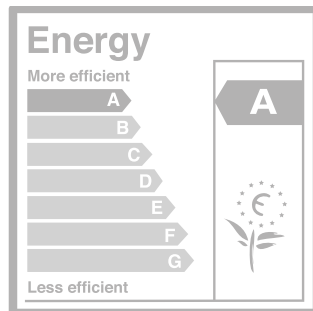
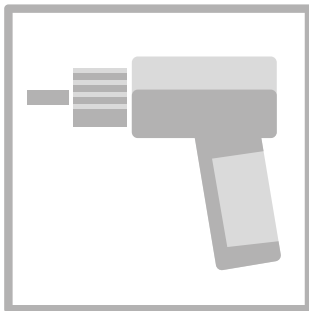


EUROPEAN STANDARDS AND SAFETY

Aritco 9000 comply with the Machine Directive 2006/42/EC. The lifts are also compliant with the Electromagnetic compatibility (EMC) – 2004 and Low voltage Directive 2006/95/EC. The lifts are type approved, CE marked. EI60 – Fire & smoke proof door complies with the lift directive 95/16/EC and EN 81-58. A certificate for respective lift is available on Aritco Cloud.



RECOMMENDED SALES ARGUMENTS



EASY INSTALLATION

Means that the lift is both easy and fast to install. A normal installation only takes four days.

MINIMUM BUILDERS WORK AND SMALL FOOTPRINT

The lift can be installed without a pit, with a ramp (or with a 75 mm pit without ramp). All parts are included in the shaft - no extra machine room or head room needed.

LOW ENERGY CONSUMPTION

Minimum stand-by power consumption 15 W - not more than a computer or a TV. Energy class A as per VDI 4707.

ENVIRONMENTAL PRODUCT DECLARATION

We are the first lift manufacturer with an Environmental Product Declaration. More than 95% of the parts are recyclable.

LOW OPERATION AND MAINTENANCE COST

Lowest on the market.

NO HYDRAULICS, WHICH MEAN NO LEAKAGE OR SMELL

No additional space needed for hydraulic unit.

ROBUST SHAFT

25 mm shaft panels. Robust and resistant to damage.
Good noise and acoustical isolation.

THE LIFT CAN'T FALL DOWN

With the self locking concept, i.e the friction between screw and nut will prevent the lift from falling down. No additional brake system is needed.

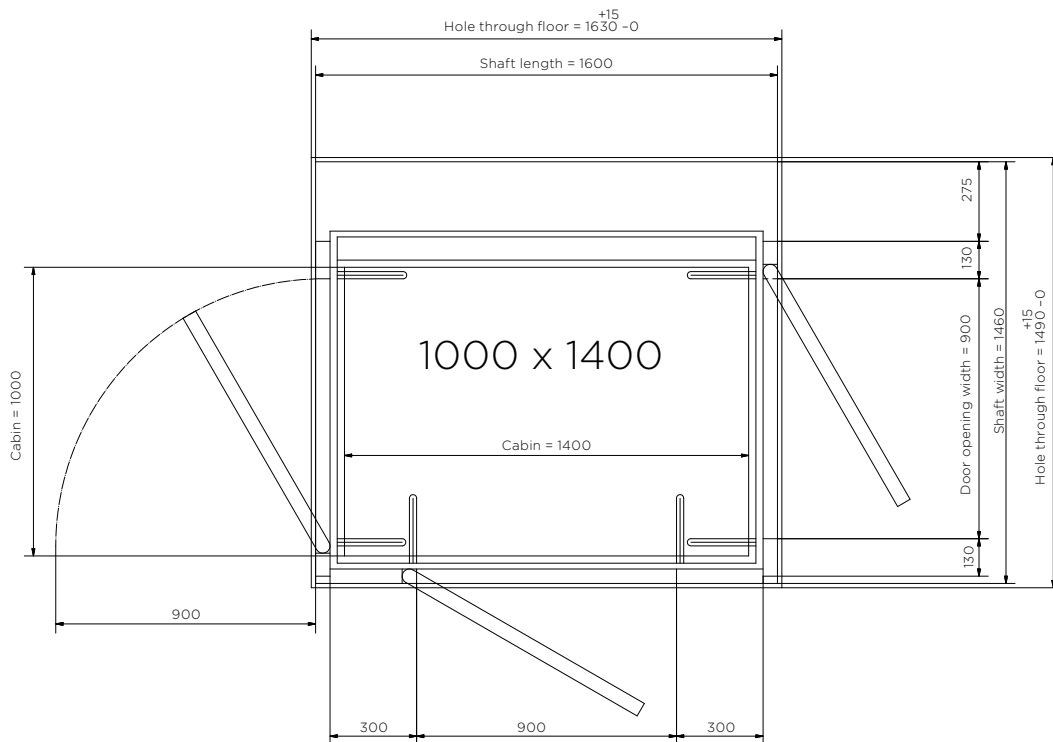
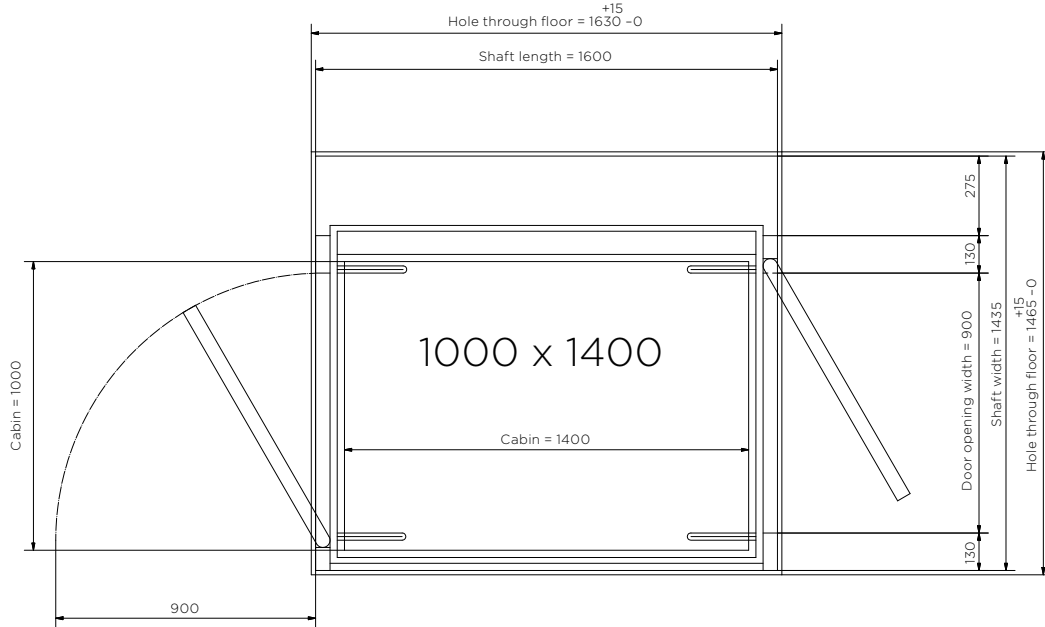
YOU CAN ALWAYS GET OUT OF THE LIFT BY YOURSELF

If there is a power failure, you can always get out of the lift by yourself with battery operated emergency lowering. Use the destination panel buttons and the lift will take you to the closest lower floor and you can open the door and get out by yourself.

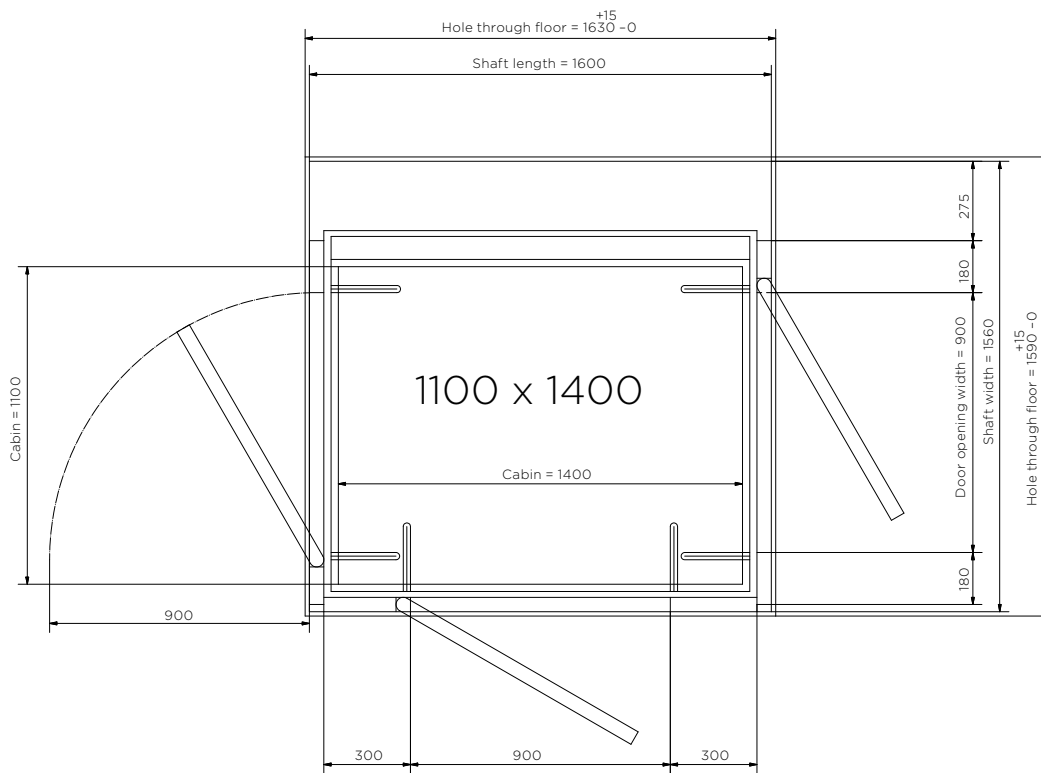
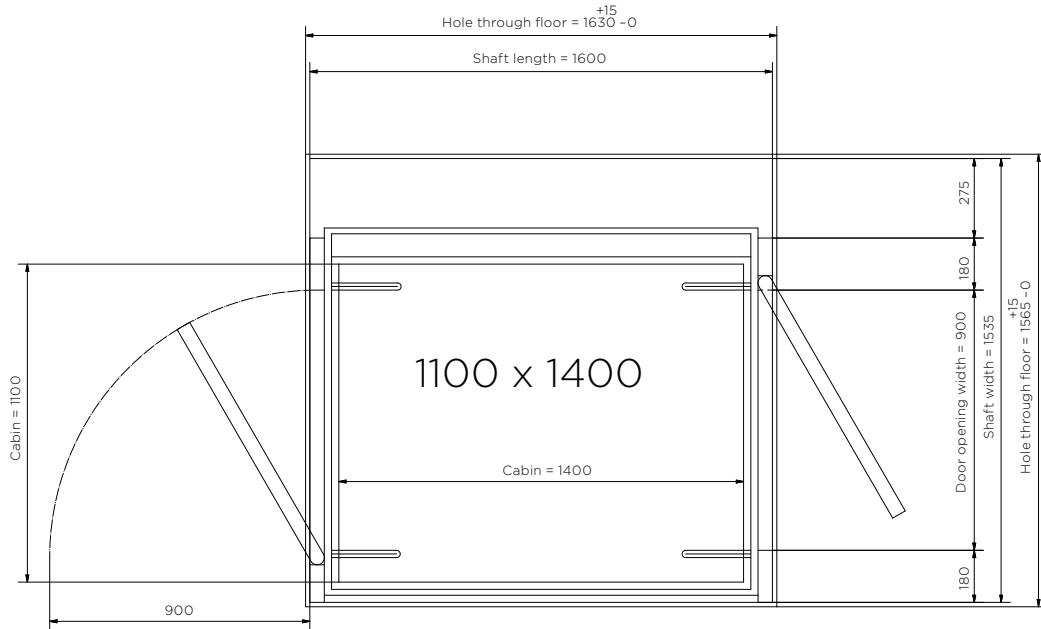
DRAWINGS

For exact details for installation see site preparation manual.

Cabin 1000 x 1400



Cabin 1100 x 1400



Aritco is a worldleading manufacturer
of platform lifts and home lifts. Read
more at **aritco.com**

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