





RESIDENTIAL
LIFT







MP|ARES MOBI

Accessibility

The user-friendly platform for all kinds of buildings

Mobility without limits

As part of the MP MOBILITY range, MP ARES MOBI was born as the hydraulic technology solution to overcome any type of architectural obstacle.

With the same features as a conventional lift in regard to safety, comfort and design, MP ARES MOBI was developed to bring an added benefit in terms of accessibility in private and public buildings. Technological solutions designed with all construction limitations in mind.

Getting rid of architectural obstacles

Tailored solutions

Adaptability and Silence

The MP ARES MOBI lift is a product developed and manufactured by MP.

It is the ideal accessibility solution for any kind of building with between 2 and 6 floors. MP ARES MOBI has the latest technology identical to that used in our conventional lifts. This includes electronic controllers with microprocessors, automatic call register (pressing down constantly is not necessary), a hydraulic power unit with 2 speeds, very low sound levels and very low consumption levels. It is available with 230/400 V three-phase and 230 V single-phase electrical power. With this second option, the number of electric installations to be installed is reduced, meaning greater integration of the lift, above all in existing buildings.

Efficient and reliable solutions



Safety and Reliability

Efficiency to the maximum

The reliability of the MP ARES MOBI is vouched for by its compliance with the new Directive 2006/42/EC on machinery. Optionally, some models can be supplied with the necessary accessories for compliance with the technical criteria found in the EN81-70 accessibility regulation.

MP ARES MOBI SAFETY

Automatic sliding folding door in the car

Alarm pushbutton and pushbutton to open doors

Emergency car light for use in the event of a cut in the mains power.

Optical-acoustic overload control

Fonomac 3

Non-skid rubber floor

Automatic rescue in the event of there being no mains power

Manual rescue using the emergency pushbutton in the hydraulic power centre.

Rupture valve in the event of breakage in the hydraulic valve.

Mechanical block in the pit and overhead against uncontrolled car movements (for maintenance work in the shaft)

Two reset keyswitches (pit and overhead) on the controller

Out of order keyswitch on the landing operating panel



Flexibility and Power

Freedom of movement

MP ARES MOBI offers great flexibility in terms of its installation, assembling and aesthetic options, ensuring efficient solutions for all kinds of cases. It can be installed in new and existing buildings, both on the inside and out, as it complements the self-supporting structure MP STRUCTURA. This system, which replaces the conventional work shaft, allows direct fixing to the wall without subjecting the building to any loads.

Simplicity in terms of the assembly of the MP ARES MOBI certainly does not reflect its immense potential. With a load capacity of 180 kg - 630 kg, it can carry up to 8 persons, thanks to its 4XL car measuring 1100 x 1400 mm.. And because silence means comfort, the MP ARES MOBI works with sound levels which are less than 50 dB, thanks to its power unit submerged in oil, as well as its silent contactors on the controller.



Details on a large scale

Guaranteeing aesthetics and comfort

Unlike other residential lifts, MP ARES MOBI will be installed in your own home, which is why the design takes on even greater importance.

MP ARES MOBI offers a wide range of interior car designs (Series D and C). Furthermore, you can achieve even greater integration with the interior design of your home by customising the car with our MP AMBIENTUM range (AMBIENTUM COLOR with striking colours, AMBIENTUM JL with stunning photographs from our collection and AMBIENTUM INUKE with an image of your choice).

SERIES D AND C CARS

| | |
|------------------|--|
| Walls: | White plastic-coated or stratified steel from the Classic and Timber ranges |
| Floor: | Non-skid rubber, granite or marble |
| Lighting: | Fluorescent lighting mounted on the false ceiling |
| Handrails: | Tubular |
| Command control: | Classic or Avant plate pushbutton panels with ROLLER SATURNE pushbuttons and characters in braille and a two-way emergency Fonomac II telephone. |
| Car doors: | Automatic sliding folding (bus) doors |
| Other options: | Automatic, side-opening station, full-height control station (full) with Compac pushbutton |



CAR C400



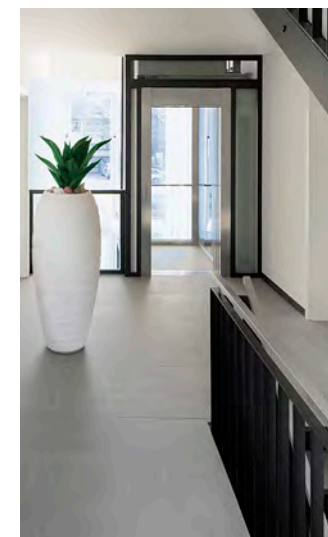
CAR C600



CAR D100



LANDING DOORS



MODELS AND FINISHES

| | | WALLS | | | | FLOORS | | | |
|--------------------|--|---------------|------------|-----------------|-----------------|-------------------|------------------------------------|-----------------------------------|-----------------------------------|
| D-100/300 CLOUD | | | | | | D-100/300 C400 | | | |
| | | K01. White | K04 | K10 | K17 | | R24. Black circle-patterned rubber | R28. Grey circle-patterned rubber | R23. Blue circle-patterned rubber |
| C400 | | | | | | C600 | | | |
| | | 2958. Beech | 7884. Blue | 0114. Sand | | | R37. Vinyl rubber | R72. Vinyl rubber | R41. Vinyl rubber |
| C600 | | | | | | | | | |
| | | 1293. Sequoia | 1593. Oak | 1672. Tulipwood | 2884. Pear wood | | R56. Vinyl rubber | R57. Vinyl rubber | |

LANDING DOORS

- Semiautomatic swing doors with RAL 7044 Epoxy finish:
 - With a vision panel (standard)
 - With a large vision panel
- Automatic



RESIDENTIAL LIFT
MP | ARES MOBI

FEATURES

| | |
|----------------------|---|
| TYPE: | Hydraulic lift platform |
| LOAD: | 180 Kg. to 630 Kg. |
| CAPACITY: | 2 to 8 persons |
| SPEED: | 0.15 m/s. |
| TRAVEL RANGE: | Up to 18 m. |
| ENTRANCES: | Single entrance, double 180° entrance, double 90° entrance and tripe entrance |
| SERIES: | "C" With machine room and "S" machine room less |

CAR

| | |
|-----------------------------|---|
| MODEL: | D100 with single beam photocell (Optional: curtain photocell) Jamb arrow direction. (Optional: other car models, see catalogues) |
| EXTERIOR DIMENSIONS: | See table |
| HEIGHT: | 2,100 mm. (Optional: other heights) |

CAR DOORS

| | |
|--------------------|--|
| TYPE: | Automatic: 2 side-opening panels. VVVF (Optional: other models) |
| FINISH: | Stainless steel (X02). |
| DIMENSIONS: | See table x 2000 mm (Optional: other heights) |

LANDING DOORS

| | |
|-----------------------------|---|
| TYPE: | Automatic: 2 side-opening panels. (Optional: other models) |
| FINISH: | Epoxy RAL 7044 (Optional: Stainless steel (X02)) |
| DIMENSIONS: | See table x 2000 mm (Optional: other heights) |
| FIRE CLASSIFICATION: | E120(700-900). PF30(600) (Optional: other classifications) |

SHAFT

| | |
|--------------------|-----------|
| DIMENSIONS: | See table |
| PIT: | See table |

CONTROL OPERATING PANEL

| | |
|-----------------------|--|
| MODEL: | Plate |
| FINISH: | Stainless steel (X02) (Optional: Stainless steel (X02)) |
| PUHSBUTTON: | Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds. (Optional: Mechanical, stainless steel pushbutton with halo lighting) |
| CAR INDICATOR: | Display made up of 2 digits of Leds with 7 segments (Optional: LCD display) |
| SAFETY: | Emergency light and telephone |

FLOOR OPERATING PANEL

| | |
|--------------------|--|
| MODEL: | P001, door frames |
| FINISH: | Stainless steel plate (X02) |
| PUHSBUTTON: | Mechanical, polycarbonate plastic, fireproof pushbutton lit up with Leds. (Optional: Mechanical, stainless steel pushbutton with halo lighting) |
| ENGRAVING: | Black logo (done with laser) |

CONTROLLER

| | |
|------------------|--|
| TYPE: | Microbasic controller. Down collective or universal. |
| LOCATION: | In the machine room for "C" series. It may be placed anyway within the machine room. In the cabinet for "S" series. Epoxy finish.Epoxy. Recommended distance < 10 metres |

ELECTRIC INSTALLATION

| | |
|--|--|
| | Pre-assembled with "Plug & Play" connectors. |
|--|--|

HYDRAULIC POWER UNIT

| | |
|--|--|
| | Motor Manometer-Thermistor Thermal oil contact. Mechanical valve block. Manual pump. Oil. Automatic rescue. |
|--|--|

JACK

| | |
|--|---|
| | In 1 section up to 9800 mm of travel range, 2 sections from 9800 mm |
|--|---|

BUFFERS

| | |
|--|---|
| | Made from polyurethane with a metal pedestal included |
|--|---|

GUIDE RAILS

| | |
|--|-----------------------------------|
| | Drawn in accordance with ISO 7465 |
|--|-----------------------------------|

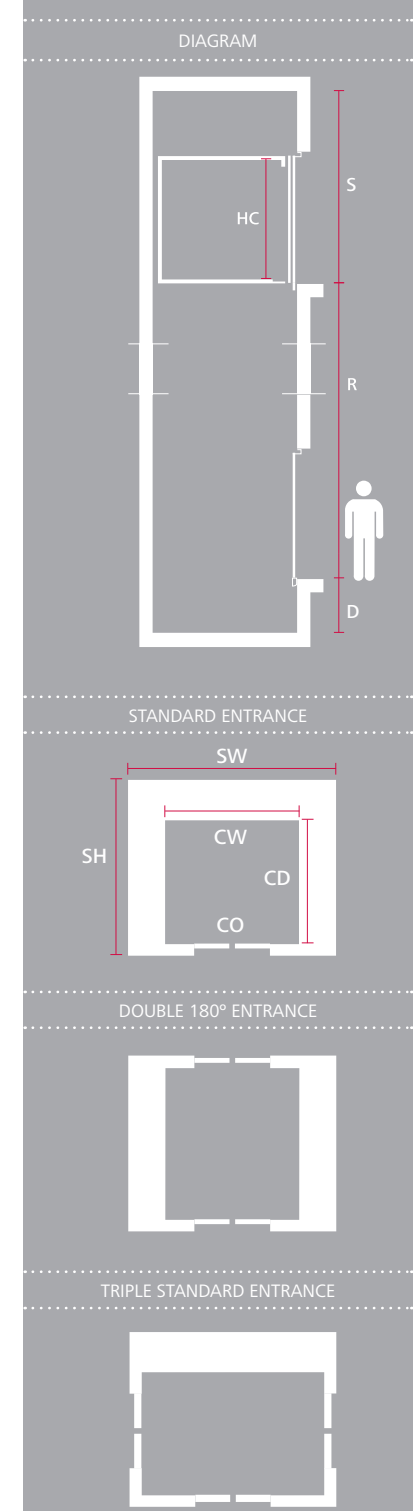
FIXINGS

| | |
|--|---|
| | Fixing brackets and plugs for concrete enclosure. |
|--|---|

POWER

| | |
|------------------------------|-------------------|
| POWER SUPPLY VOLTAGE: | 380 v three-phase |
| LIGHTING VOLTAGE: | 220 v |
| FREQUENCY: | 50 Hz |

(*) NOTE: Specifications corresponding to the basic rate model





Hydraulic



2 to 8 persons



180 to 360 kg



With machine room and machine room less

MP|ARES MOBI

| | S and C SERIES | | | | | |
|--|----------------|----------------|----------------|-----------------|------------------|------------------|
| | MP ARES MOBI S | MP ARES MOBI M | MP ARES MOBI L | MP ARES MOBI XL | MP ARES MOBI 2XL | MP ARES MOBI 4XL |
| Capacity (persons) | 2 | 3 | 4 | 5 | 6 | 8 |
| Speed (m/s) | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 |
| Starts per hour "C" T 30° | 15 | 15 | 15 | 15 | 15 | 15 |
| Power (hp per K.W.) | 2.7 / 2 | 2.7 / 2 | 2.7 / 2 | 04 / 3 | 04 / 3 | 04 / 3 |
| Current (A)* | 5.6 | 5.6 | 5.6 | 10 | 10 | 10 |
| Q capacity (Kg) | 180 | 225 | 320 | 375 | 480 | 630 |
| CO clear opening (mm) | 600 | 700 | 700 | 800 | 800 | 800 |
| CW car width (mm) | 700 | 800 | 1000 | 1000 | 1000 | 1100 |
| CD car depth (mm) | 800 | 900 | 900 | 1100 | 1250 | 1400 |
| HC useful internal car height (mm) | 2100 | 2100 | 2100 | 2100 | 2100 | 2100 |
| SW shaft width (mm) | 1060 | 1160 | 1400 | 1360 | 1400 | 1500 |
| SD shaft depth (mm) | 1075 | 1100 | 1200 | 1360 | 1550 | 1700 |
| PH minimum pit (mm) / (1) | 150 / 645 | 150 / 645 | 150 / 645 | 150 / 645 | 150 / 645 | 150 / 645 |
| OH minimum overhead (mm) / (1) | 2390 / 2814 | 2390 / 2814 | 2390 / 2814 | 2390 / 2814 | 2390 / 2814 | 2390/2814 |
| No. ropes and diameter (mm) | 4x8 | 4x8 | 4x8 | 4x8 | 4x8 | 4x8 |
| Jack. Number-Position | 1/side | 1/side | 1/side | 1/side | 1/side | 1/side |
| D.B.G. Distance between guide rails (mm) | 550 | 550 | 550 | 700 | 700 | 900 |
| Max. distance between brackets | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| Car guide rails | T70-70-9 | T70-70-9 | T70-70-9 | T70-70-9 | T70-70-9 | T70-70-9 |
| Shaft enclosure | Concrete | Concrete | Concrete | Concrete | Concrete | Concrete |

* Current data for 400 V mains voltage.

** Optional single-phase power voltage at 230 V.

(1) Without compensatory safety measures / With compensatory safety measures.

KEY P No. passengers S Speed (m/s) SW Shaft width SD Shaft depth CW Car width CH Car height CD Car depth CO Clear overhead PH Pit CO Standard clear opening T Travel range

