





## MP|ARES

### Refurbishment work

Solutions for buildings without lift

#### MP flexibility

It avoids complicated work on the existing building structure as, thanks to the novel SAB safety system (patented by MP), it requires minimum pit and headroom dimensions, thus avoiding annoying and expensive work. This hydraulic lift can be adapted to difficult shafts or of complex geometry, complying with the most demanding safety levels which the European regulation for new lifts in existing buildings requires.

MP Ares can also be adapted to self-supporting modular structures.

Technology serving people





## PASSENGER LIFTS MP|ARES

### FEATURES

TYPE:	Hydraulic lift
LOAD:	180 Kg. to 630 Kg.
CAPACITY:	2 to 8 persons
SPEED:	0.63 m/s.
TRAVEL RANGE:	Up to 23 m.
STOPS:	6 stops
SERIES:	"C" With machine room and "S" machine room less
ENTRANCES:	Single entrance, double 180° entrance, double 90° entrance and triple entrance.

### 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:	Full-height
FINISH:	Plastic coated steel  (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 with Leds of 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. (Optional: VS)
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.
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### HYDRAULIC POWER UNIT

	Manometer - Motor thermistor Thermal contact for oil.
	Mechanical valve block.
	Manual pump. Oil.
	Automatic rescue

### JACK

	In 1 section up to 9800 mm travel range, 2 sections from 9800 mm upwards.
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### BUFFERS

	Made from polyurethane with a metal pedestal included
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### COLD-DRAWN / MACHINED

	Cold-Drawn / Machined
	In accordance with ISO 7465

### FIXINGS

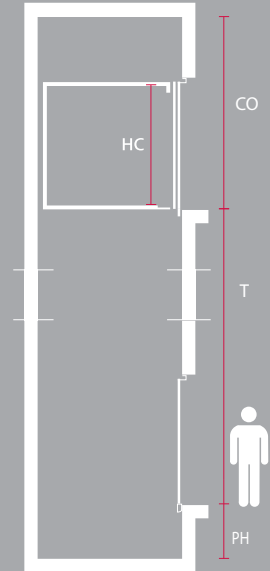
	Fixing brackets and plugs for concrete enclosure.
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### POWER

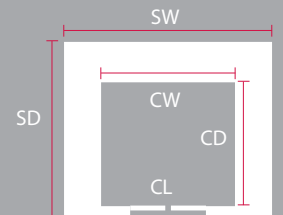
POWER SUPPLY VOLTAGE:	380 v three-phase  (Optional: 380 v , 400 v, 415 v three-phase, 220 v single-phase)
LIGHTING VOLTAGE:	220 v
FREQUENCY:	50 HZ.  (Optional: 60 Hz)

(\*) NOTE: Specifications correspond to the basic rate model.

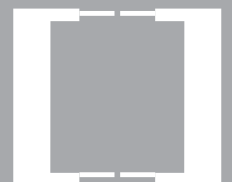
### DIAGRAM



### STANDARD ENTRANCE



### DOUBLE 180° ENTRANCE



### TRIPLE STANDARD ENTRANCE





Hydraulic



2 to 8 persons



180 to 630 kg



With and machine room less

MP|ARES

	S and C SERIES					
	MP 206H ARES	MP 306H ARES	MP 406H ARES	MP 506H ARES	MP 606H ARES	MP 806H ARES
Capacity (persons)	2	3	4	5	6	8
Speed (m/s)	0.63	0.63	0.63	0.63	0.63	0.63
Starts per hour "C" T 30°	60	60	60	60	60	60
Power (hp/kW)	8/6	8/6	10.5/7.7	10.5/7.7	13/9.5	15/11
Current (A)*	14.5	14.5	17.5	17.5	21.8	25
Q capacity (kg)	150/180	225/240	320	375/400	450/480	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)	1025/300	1025/300	1025/300	1025/300	1025/300	1025/300
OH minimum headroom (mm) (2)	3400/2700	3400/2700	3400/2700	3400/2700	3400/2700	3400/2700
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
EC-type examination	0056/AEH/0051	0056/AEH/0051	0056/AEH/0051	0056/AEH/0051	0056/AEH/0051	0056/AEH/0051

\* Current data for 400 V mains power

(1) In accordance with EN81-1 (without compensatory safety measures) / In accordance with EN81-21

(2) In accordance with EN81-1 (without compensatory safety measures) / In accordance with EN81-21 (optional 2475 mm headroom with sliding folding door (Bus))

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 CL Standard clear opening T Travel range

