





## MP|H

### Installations

Reliable adaptability

### Hydraulic lifts

This is the ideal solution for low-rise buildings and those with a medium-low level of traffic.

Flexible and adaptable, both for new buildings as well as for modernisations and refurbishments. Excellent performance in shaft and respectful in terms of environment (electronic valve).

Its adaptability enables to achieve maximum performance from reduced shaft spaces, allowing wide cars in small spaces.

**Big cars in small spaces**





## PASSENGER LIFTS MP|H

### FEATURES

<b>TYPE:</b>	Hydraulic lift
<b>LOAD:</b>	320 Kg to 6000 Kg for "C" series and 320 Kg to 1000 Kg for "S" series
<b>CAPACITY:</b>	4 to 80 persons
<b>SPEED:</b>	0.4, 0.63 and 0.52 m/s.
<b>TRAVEL RANGE:</b>	Up to 27m.
<b>STOPS:</b>	10 stops
<b>ENTRANCES:</b>	Single entrance, double 180° entrance, double 90° entrance and triple entrance.
<b>SERIES:</b>	"S" Machine room less and "C" with machine room

### CAR

<b>MODEL:</b>	D100 with single beam photocell (Optional: curtain photocell) Jamb arrow direction. (Optional: other car models, see catalogues)
<b>EXTERIOR DIMENSIONS:</b>	See table
<b>SERIES:</b>	"S" Without a machine room and "C" With a machine room
<b>HEIGHT:</b>	2,100 mm. (Optional: other heights)

### CAR DOORS

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

### LANDING DOORS

<b>TYPE:</b>	Automatic: 2 side-opening panels. (Optional: other models)
<b>FINISH:</b>	Epoxy RAL 7044
<b>DIMENSIONS:</b>	See table x 2000 mm (Optional: other heights)
<b>FIRE CLASSIFICATION:</b>	E120 (700-900), PF30(1000) (Optional: other classifications)

### SHAFT

<b>DIMENSIONS:</b>	See table
<b>PIT:</b>	See table

### CONTROL OPERATING PANEL

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

### FLOOR OPERATING PANEL

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

### CONTROLLER

<b>TYPE:</b>	Microbasic controller. Down collective or universal. (Optional: VS)
<b>UBICACIÓN</b>	In the cabinet for "S" series. Epoxy finish. Recommended distance < 10 metres

### ELECTRIC INSTALLATION

Pre-assembled with "Plug & Play" connectors.

### HYDRAULIC POWER UNIT

	Manometer - Motor thermistor Thermal contact for oil.
	Mechanical valve block.
	Manual pump. Oil. (Optional: power unit with electronic valve)
	Automatic rescue

### JACK

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

### BUFFERS

Made from polyurethane with a metal pedestal included

### COLD-DRAWN / MACHINED

Cold-Drawn / Machined  
In accordance with ISO 7465

### FIXINGS

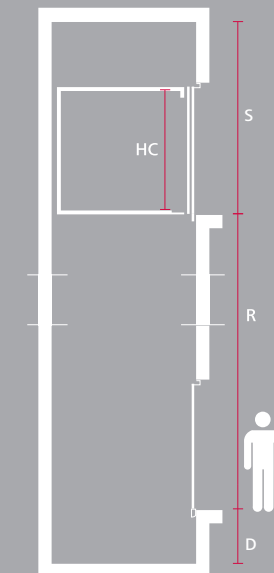
Fixing brackets and plugs for concrete enclosure.

### POWER

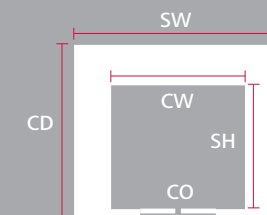
<b>POWER SUPPLY VOLTAGE:</b>	380 v three-phase (Optional: 380 v , 400 v, 415 v three-phase, 220 v single-phase)
<b>LIGHTING VOLTAGE:</b>	220 v
<b>FREQUENCY:</b>	50 Hz. (Optional: 60 Hz)

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

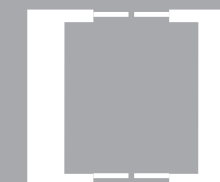
### DIAGRAM



### STANDARD ENTRANCE



### DOUBLE 180° ENTRANCE



### STANDARD ENTRANCE





Hydraulic



4 to 13 persons



320 to 1000 kg



Machine room less

MP|H

	S SERIE				
	MP406H	MP606H	MP806H	MP1005H	MP1305H
Capacity (persons)	4	6	8	10	13
Speed (m/s)	0.63	0.63	0.63	0.52	0.52
Starts per hour S T 30°	60	60	60	45	45
Power (HP / kW)	10.5 / 7.7	13 / 9.5	15-nov	17.5 / 13	20 / 14.7
Nominal Intensity (A)*	17.5	21.8	25	28.5	31
Q capacity (kg)	320	450 / 480	630	750 / 800	1000
CO clear opening (mm)	700	800	800	900	900
CW car width (mm)	900	1000	1100	1400	1100
CD car depth (mm)	1000	1200 / 1250	1400	1350	2100
HC useful car height (mm)	2100	2100	2100	2100	2100
SW shaft width (mm)	1350	1500	1575	1875	1875
SD shaft depth (mm)	1400	1500	1700	1750	1950
PH pit (mm)	1050	1050	1050	1400	1400
OH overhead (mm)	3600	3600	3600	3600	3600
S Cabinet WxDxH (mm) / type	800x390x1900 Pro-Eco 1	800x390x1900 Pro-Eco 1	800x390x1900 Pro-Eco 1	970x600x2100 / Pro-Eco 2	970x600x2100 / Pro-Eco 2
Max. travel range (m) Power Unit C1 (max.s = 0.63 m/s)	15	15	12	18	18
No. ropes and diameter (mm)	4x8	4x10	4x10	6x10	6x10
Jack. Number-Position	1/back	1/side	1/side	1/side	1/side
D.B.G. Distance between guide rails (mm)	1000	1000	1000	1200	1500
Max. distance between brackets	1500	1500	1500	1500	1500
Car guide rails (sections of 5 m)	T70-70-9	T70-70-9	T90-16	T90-16	T90-16
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete
"S" series design dossier	SCMH01	SCMH01	SCMH01	SCMH01	SCMH01

\* Current data for 400 V mains voltage.  
Please see specifications for 1.0 m/s hydraulic lifts.

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



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Hydraulic



4 to 21 persons



320 to 1600 kg



With machine room

MP|H

	C SERIES							
	MP406H	MP606H	MP806H	MP1005H	MP1305H	MP1605H	MP2005H	MP2105H
Capacity (persons)	4	6	8	10	13	16	20	21
Speed (m/s)	0,63	0,63	0,63	0,52	0,52	0,52	0,52	0,52
Starts per hour S T 30°	60	60	60	60	45	45	45	30
Power (hp/ kW)	10,5 / 7,7	13 / 9,5	15 / 11	17,5 / 13	20 / 14,7	27 / 19,8	40 / 25	54 / 39,7
Nominal Intensity (A)*	17,5	21,8	25	28,5	31	42	64	84
Q capacity (kg)	320	450/480	630	800	100	1250	1500	1600
CO clear opening (mm)	700	800	800	900	900	1000	1000	1400
CW car width (mm)	900	1000	1100	1350	1100	1700	1900	1700
CD car depth (mm)	1000	1200/1250	1400	1400	2100	1500	1750	2000
HC useful car height (mm)	2100	2100	2100	2100	2100	2100	2100	2100
SW shaft width (mm)	1350	1450	1550	1800	1550	2500	2700	2500
SD shaft depth (mm)	1400	1550	1700	1700	2400	1900	2050	2350
PH pit (mm)	1050	1050	1050	1400	1400	1300	1300	1400
OH overhead (mm)	3600	3600	3600	3600	3600	3600	3600	3600
No. ropes and diameter (mm)	4x8	4x10	4x10	6x10	6x10	5x12	5x12	4x10
Jack. Number-Position	1/back	1/side	1/side	1/side	1/side	1/side	1/side	1/side
D.B.G. Distance between guide rails (mm)	1000	1000	1000	1000	1700	1900	2100	1900
Max. distance between brackets	1500	1500	1500	1500	1500	1500	1500	1500
Car guide rails (sections of 5 m)	T70-70-9	T70-70-9	T90-16	T90-16	T90-16	T125-16	T125-16	T125-16
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
"S" series design dossier	H06/H01	H06/H01	H06/H01	H06/H01	H06/H01	H07/H02	H07/H02	H07/H02

\* Current data for 400 V mains voltage.  
Please see specifications for 1.0 m/s hydraulic lifts.

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





Hydraulic



26 to 86 persons



2000 to 6500 kg



With machine room

MP|H

	C SERIES									
	MP2605H	MP3305H	MP4005H	MP4605H	MP5305H	MP6005H	MP6605H	MP7304H	MP8004H	MP8604H
Capacity (persons)	26	33	40	46	53	60	66	73	80	86
Speed (m/s)	0,5	0,5	0,5	0,5	0,5	0,5	0,5	0,4	0,4	0,4
Starts per hour S T 30°	30	30	30	30	30	30	30	30	30	30
Power (hp/ kW)	40	54	54	70	80	80	80	70	80	80
Nominal Intensity (A)*	64	84	94	117,9	134	134	134	117,9	134	134
Q capacity (kg)	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500
CO clear opening (mm)	C4H1400	C4H1400	C4H1800	C4H1800	C4H1800	C4H1800	C4H1800	C4H1800	C4H1800	C4H1800
CW car width (mm)	2000	2000	2300	2500	2600	2600	2600	2600	2600	2600
CD car depth (mm)	2100	2500	2500	2600	2800	3100	3400	3700	4000	4300
HC useful internal car height (mm)	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180
SW shaft width (mm) suspension 1:1	2800	2800	3100	3300	3400	3400	3400	3400	3400	3400
SW shaft width (mm) suspension 2:1	2900	2900	3200	3400	3500	3500	3500	3500	3500	3500
SD shaft depth (mm)	2450	2850	2850	2950	3150	3450	3750	4050	4350	4650
CO clear opening (mm)	C4H1400	C4H1400	C4H1800	C4H1800	C4H1800	C4H1800	C4H1800	C4H1800	C4H1800	C4H1800
CW car width (mm)	1500	1800	2100	2100	2100	2100	2100	2300	2300	2300
CD car depth (mm)	2700	2700	2700	3100	3400	3700	4000	4100	4400	4700
HC useful internal car height (mm)	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180
SW shaft width (mm) suspension 1:1	2300	2600	2900	2900	2900	2900	2900	3100	3100	3100
SW shaft width (mm) suspension 2:1	2400	2700	3000	3000	3000	3000	3000	3200	3200	3200
SD shaft depth (mm)	3072	3072	3072	3472	3772	4072	4372	4472	4772	5072
PH pit (mm)	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
OH overhead (mm)	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600
No. ropes and diameter (mm)	5 x 10	6 x 10	6 x 10	6 x 12	6 x 12	8 x 12	8 x 12	8 x 12	8 x 12	6 x 13
Jack. Number-Position	2/side	2/side	2/side	2/side	2/side	2/side	2/side	2/side	2/side	2/side
D.B.G. Distance between guide rails (mm)	AC+200	AC+200	AC+200	AC+200	AC+200	AC+200	AC+200	AC+200	AC+200	AC+200
Max. distance between brackets	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Car guide rails (sections of 5 m)	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	1405/82/16	140/82/16	140/82/16	140/82/16
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
"S" series design dossier	H04/H07	H04/H07	H04/H07	H04/H07	H04/H07	H04/H07	H04/H07	H04/H07	H04/H07	H04/H07

Configuration 1:1 for travel ranges ≤ 3 metres  
 Configuration 2:1 for travel ranges > 3 metres

For double 180° entrance SD + 75mm  
 Shaft depths with 30 mm door overhang

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

