



## PASSENGER LIFTS MP | H



### FEATURES

TYPE:	Hydraulic lift
LOAD:	320 kg to 6000 kg for "C" Series and 320 kg to 1000 kg for "S" Series
CAPACITY:	4 to 86 persons
SPEED:	0.4 m/s, 0.63 m/s and 0.52 m/s
TRAVEL RANGE:	Up to 27m
STOPS:	10 stops
ENTRANCES:	Single entrance, double 180° entrance, double 90° entrance and triple entrance
SERIES:	"S" Machine roomless and "C" with machine room

### CAR

MODEL:	D-100 with 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. 3VF From 2000 kg on, 4-centre opening panels (Optional: other models)
FINISH:	Stainless steel (X02)
DIMENSIONS:	See table x 2.000 mm (Optional: other heights)

### LANDING DOORS

TYPE:	Automatic: 2 side-opening panels From 2000 kg on, 4-centre opening panels (Optional: other models)
FINISH:	Epoxy RAL 7044
DIMENSIONS:	See table x 2.000 mm (Optional: other heights)
FIRE CLASSIFICATION:	E120, EW60 according to EN 81-21 (Optional: other classifications)

### SHAFT

DIMENSIONS:	See table
PIT:	See table
HEADROOM:	See table

### CAR 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 and TFT display)
SAFETY:	Emergency light and telephone

### LANDING 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:	Via Serie controller. Down collective or universal.
LOCATION:	In the machine room for "C" series; it may be located anywhere in the machine room. In the cabinet for "S" series. Epoxy finish Recommended distance < 10 m

### ELECTRIC INSTALLATION

	Pre-assembled with "Plug & Play" connectors
HYDRAULIC POWER UNIT	Manometer - Motor thermistor Thermal contact for oil Electromechanical valve block MP sava3 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
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### BUFFERS

	Made from polyurethane with a metal pedestal included
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### GUIDE RAILS

	Cold-Drawn / Machined In accordance with ISO 7465
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### FIXINGS

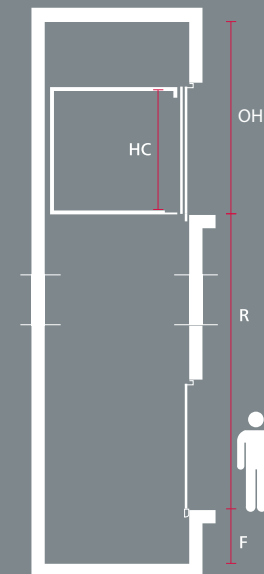
	Fixing brackets and plugs for concrete enclosure
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### ELECTRICAL FEATURES

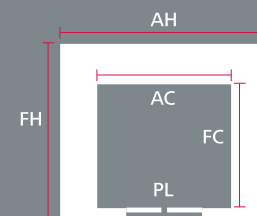
VOLTAGE:	380 V three-phase (Optional: 380 V, 400 V, 415 V three-phase, 220 V single-phase)
LIGHTING:	220 V
FREQUENCY:	50 Hz (Optional: 60 Hz)

NOTE: Specifications correspond to the basic rate model.

### DIAGRAM



### STANDARD ENTRANCE



### DOUBLE 180° ENTRANCE



### TRIPLE ENTRANCE





Hydraulic



4 to 13 persons



320 to 1000 kg



Machine roomless

MP|H

	S SERIES				
	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	60	60	60	45	45
Power (HP/ kW)	10.5 / 7.7	13 / 9.5	15 / 11	17.5 / 13	20 / 14.7
Rated current (A)*	17.5	21.8	25	28.5	31
Q capacity (kg)	320	450 / 480	630	750 / 800	1000
PL clear opening (mm)	700	800	800	900	900
AC car width (mm)	900	1000	1100	1400	1100
FC car depth (mm)	1000	1200 / 1250	1400	1350	2100
HC useful car height (mm)	2100	2100	2100	2100	2100
AH shaft width (mm)	1350	1500	1575	1875	1875
FH shaft depth (mm)	1400	1500	1700	1750	1950
F pit (mm)	1510	1050	1050	1400	1400
OH headroom (mm)	4300	3600	3600	3600	3600
S Cabinet Width x Depth x Height (mm) / type	800 x 390 x 1900 / MP pro-eco 1	800 x 390 x 1900 / MP pro-eco 1	800 x 390 x 1900 / MP pro-eco 1	970 x 600 x 2100 / MP pro-eco 2	970 x 600 x 2100 / MP pro-eco 2
Max. travel range (m) Hydraulic Power Unit C1 (max. speed = 0.63 m/s)	15	15	12	18	18
Nr. ropes and diameter (mm)	4 x 8	4 x 10	4 x 10	6 x 10	6 x 10
Jack: Number - Position	1 - back	1 - side	1 - side	1 - side	1 - side
Distance between guide rails (mm)	1000	1000	1000	1200	1500
Max. distance between brackets (mm)	1500	1500	1500	1500	1500
Car guide rails (sections of 5 m)	T70-70-9	T70-70-9	T70-70-9	T70-70-9	T90-16
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete
Design dossier	SCMH01	SCMH01	SCMH01	SCMH01	SCMH01

\* Current data for 400 V mains voltage.

Please see specifications for 1.0 m/s hydraulic lifts.

NOTE: The values included in this table correspond to pre-established conditions and may be modified, according to the specific characteristics of each installation.

KEY AH Shaft width FH Shaft depth AC Car width HC Car height FC Car depth OH Headroom F Pit PL Standard clear opening R Travel range



Hydraulic



4 to 21 persons



320 to 1600 kg



With machine room

	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	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
Rated current (A)*	17.5	21.8	25	28.5	31	42	64	84
Q capacity (kg)	320	450/480	630	800	100	1250	1500	1600
PL clear opening (mm)	700	800	800	900	900	1000	1000	1400
AC car width (mm)	900	1000	1100	1350	1100	1700	1900	1700
FC 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
AH shaft width (mm)	1350	1450	1550	1800	1550	2500	2700	2500
FH shaft depth (mm)	1400	1550	1700	1700	2400	1900	2050	2350
F pit (mm)	1050	1050	1050	1400	1400	1300	1300	1400
OH headroom (mm)	3600	3600	3600	3600	3600	3600	3600	3600
Nr. ropes and diameter (mm)	4 x 8	4 x 10	4 x 10	6 x 10	6 x 10	5 x 12	5 x 12	4 x 10
Jack: Number - Position	1 - back	1 - side	1 - side	1 - side	1 - side	1 - side	1 - side	1 - side
Distance between guide rails (mm)	1000	1000	1000	1000	1700	1900	2100	1900
Max. distance between brackets (mm)	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
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.

NOTE: The values included in this table correspond to pre-established conditions and may be modified, according to the specific characteristics of each installation.

KEY AH Shaft width FH Shaft depth AC Car width HC Car height FC Car depth OH Headroom F Pit PL Standard clear opening R Travel range



Hydraulic



26 to 80 persons



2000 to 6500 kg



With machine room

	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	30	30	30	30	30	30	30	30	30	30
Power (HP / kW)	40 / 29,44	54 / 39,74	54 / 39,74	70 / 51,52	80 / 58,9	80 / 58,9	80 / 58,9	70 / 51,52	80 / 58,9	80 / 58,9
Rated current (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
PL clear opening C4 (mm)	1400	1400	1800	1800	1800	1800	1800	1800	1800	1800
AC car width (mm)	2000	2000	2300	2500	2600	2600	2600	2600	2600	2600
FC 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
AH shaft width (mm) suspension 1:1	2800	2800	3100	3300	3400	3400	3400	3400	3400	3400
AH shaft width (mm) suspension 2:1	2900	2900	3200	3400	3500	3500	3500	3500	3500	3500
FH shaft depth (mm)	2450	2850	2850	2950	3150	3450	3750	4050	4350	4650
PL clear opening C4 (mm)	1400	1400	1800	1800	1800	1800	1800	1800	1800	1800
AC car width (mm)	1500	1800	2100	2100	2100	2100	2100	2300	2300	2300
FC 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
AH shaft width (mm) suspension 1:1	2300	2600	2900	2900	2900	2900	2900	3100	3100	3100
AH shaft width (mm) suspension 2:1	2400	2700	3000	3000	3000	3000	3000	3200	3200	3200
FH shaft depth (mm)	3072	3072	3072	3472	3772	4072	4372	4472	4772	5072
F pit (mm)	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
OH headroom (mm)	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600
Nr. 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
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 (mm)	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
design dossier	H04/H07	H04/H07	H04/H07	H04/H07	H04/H07	H04/H07	H04/H07	H04/H07	H04/H07	H04/H07

\* Current data for 400 V mains voltage.

For double 180° entrance FH + 75 mm  
Shaft depths with 30 mm door overhangNOTE: The values included in this table correspond to pre-established conditions and may be modified,  
according to the specific characteristics of each installation.

Configuration 1:1 for travel ranges ≤ 3 m

Configuration 2:1 for travel ranges &gt; 3 m

KEY AH Shaft width FH Shaft depth AC Car width HC Car height FC Car depth OH Headroom F Pit PL Standard clear opening R Travel range