

Lifts and Escalators CATALOGUE







Lifts and Escalators CATALOGUE



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PASSENGER Lifts

TECHNOLOGY	SERIES	MODEL	PASSENGERS	SPEED (m/s)	NO. OF ENTRANCES	DESCRIPTION	RECOMMENDED USE	RECOMMENDED USE
	S	MPGO! Evolution	4 to 15	1.0 - 1.6	1 2x180°	Optimisation of shaft Eco-efficiency and eco-design	NEW CONSTRUCTION REFURBISHMENT MODERNISATION	Medium-high traffic level Energy efficiency High dimensional efficiency
	S and C	MPGO! Mega	17 to 86	0.5 - 1.0- 1.6	1 2x180°	Optimisation of shaft Eco-efficiency and eco-design High loads	NEW CONSTRUCTION REFURBISHMENT MODERNISATION	Transport of high passenger volumes
ELECTRIC GEARLESS (Machine with	S	MpGo! Flex	2 to 8	1,0	1 2x180° 2x90° 3	Efficient flexibility Great capacity to adapt to reduced headroom and/or pit	REFURBISHMENT	Building without a lift with irregular dimensions of shaft. Low-medium traffic level Energy efficiency. Building which requires a solution with double 90°-270° grade entrance or triple entrance. Product prepared to allow for passable areas under the shaft
permanent, cutting edge magnets)	S	MpGo!Flex XL	3 to 6	1,0	1 2x180° 2x90° 3	Efficient flexibility Optimisation of car area	REFURBISHMENT MODERNISATION	High-rise building Medium-high traffic level Energy efficiency
	С	wbcoi c	4 to 16	1.0 - 1.6	1 2x180°	Adaptability, flexibility and efficiency	NEW CONSTRUCTION MODERNISATION	Complete replacement of existing lift maintaining the car's dimensions New construction with space for the machine room Medium-high traffic level Energy efficiency
	S and C	MpGo!One	8 to 33	2,5	1 2x180°	Adaptability and speed	NEW CONSTRUCTION MODERNISATION	High-rise building Medium-high traffic level Energy efficiency
ELECTRIC GEARED	С	MP V	4 to 40	1.0 - 1.6	1 2x180°	Adaptability and flexibility	NEW CONSTRUCTION MODERNISATION	Medium-high traffic level
	S and C	MP H	4 to 86	0.4 - 0.5	1 2x180° 2x90° 3	Reliable adaptability Optimisation of car surface	NEW CONSTRUCTION REFURBISHMENT MODERNISATION	Building of up to 15 metres in terms of travel range Low-medium traffic level
HYDRAULIC	S	MP H S IN	4 to 13	0.4 - 1.0	1 2x180° 2x90° 3	Reliable versatility. Optimisation of shaft	NEW CONSTRUCTION REFURBISHMENT MODERNISATION	the power unit is located in the shaft and no other component belonging to the lift needs to be housed outside this area
	S and C	MP ARES	2 to 8	0.63	1 2x180° 2x90° 3	The most effective solution for buildings without lifts. Maximum flexibility to adapt to irregular shafts Reduced headroom and/or pit	REFURBISHMENT	Building without a lift with irregular dimensions of shaft Low-medium traffic levels

[&]quot;S" SERIES: solution Machine Room Less (MRL)
"C" SERIES: solution With Machine Room (WMR)

Lifts for HOSPITALS AND MEDICAL CENTRES

1	TECHNOLOGY	SERIES	MODEL	LOAD	CAPACITY	SPEED (M/S)	NO. OF ENTRANCES	DESCRIPTION	RECOMMENDED USE
	ELECTRIC GEARLESS (Machine with permanent, cutting edge magnets)		CA60 GO!	1000 kg	For stretchers measuring 60 cm in width			Maximum shaft efficiency Eco-efficiency and eco-design	Speed of 1.0m/s for buildings with up to 15 floors (50 metres of travel range), medium traffic levels Speed of 1.6 m for hospitals with medium-high traffic levels Speed of 2.5 m/s for high-rise buildings with medium-high traffic levels
			CR90 GO!	1275 kg	For beds measuring 90 cm in width + 1 passenger		2.5		
		S and C	CH90 GO!	1600 kg	For buildings measuring 90 cm width + 2 passengers	1.0 - 1.6 - 2.5			
			CH100 GO!	2000 kg	For beds measuring 100 cm in width + 2 passengers				
			CH100-IM GO!	2500 kg	For beds measuring 100 cm in width + side table				
	HYDRAULIC C	CA60 H		1000 kg	For stretchers measuring 60 cm in width		2x180°		
		S and C	CR90 H	1275 kg	For beds measuring 90 cm in width + 1 passenger	0,5		Great adaptability which allows the maximum car area to be achieved in minimum space	Buildings of up to 15 metres in terms of travel range Low-medium traffic levels
			СН90 Н	1600 kg	For beds measuring 100 cm in width + 2 passengers				
			СН100 Н	2000 kg	For beds measuring 90 cm in width + 2 passengers				
		С	CH100-IM H	2500 kg	For beds measuring 100 cm in width + side table				

GOODS Lifts and PARKING Lifts

TECHNOLOGY	SERIES	MODEL	LOAD	SPEED (m/s)	NO. OF ENTRANCES	DESCRIPTION	RECOMMENDED USE
		1500K GO!	1500 kg				
		2000K GO!	2000 kg	1.0 - 1.6			
		2500K GO!	2500 kg				
ELECTRIC GEARLESS		3000K GO!	3000 kg				
		3500K GO!	3500 kg				
(Machine with permanent,	S and C	4000K GO!	4000 kg	0.5 - 1.0		Maximum efficiency of shaft Eco-efficiency and eco-design	High traffic levels, transport of loads and access to the car with forklifts
cutting edge magnets)		4500K GO!	4500 kg				
- J		5000K GO!	5000 kg		1 2x180°		
		5500K GO!	5500 kg				
		6000K GO!	6000 kg	0,5			
		6500K GO!	6500 kg				
		1500K V	1500 kg	1.0 - 1.6			Transport of loads and access to car with forklifts
ELECTRIC	- C	2000K V	2000 kg			Adaptability, strength and efficiency	
GEARED	Ü	2500K V	2500 kg			, , , ,	Low-medium traffic levels
		3000K V	3000 kg				
		1500K H	1500 kg	1 2x180°			
		2000K H	2000 kg		2X90°		
_		2500K H	2500 kg				
		3000K / 30CO H*	3000 kg				
		3500K / 35BE H*	3500 kg				Low-medium traffic levels Vertical transport of cars.
HYDRAULIC	С	4000K / 40GB H*	4000 kg	0,2		Maximum performance in car	Transport of loads and access to car with forklifts.
		4500K / 45LM H*	4500 kg		1 2x180°		WITH TOTALITES.
		5000K	5000 kg				
		5500K	5500 kg				
		6000K	6000 kg				
	6500K		6500 kg				

^{*} Parking lift models

RESIDENTIAL Lifts

TECHNOLOGY	SERIES	MODEL	PASSENGERS	SPEED (m/s)	NO. OF ENTRANCES	DESCRIPTION	RECOMMENDED USE
HYDRAULIC	S and C	MP ARES MOBI	2 to 8 passengers	0.15	1 2x180° 3	Comfort and safety identical to that used by MP in its conventional lifts: cabin door, possible to call lift with the simple push of a button and automatic passenger rescue	Ideal for both new and existing buildings, from 2 to 6 floors in height Adaptable both inside and outside the building

ESCALATORS and Moving WALKWAYS

MODEL	DESCRIPTION	MAXIMUM DROP/ SLOPE	WIDTH OF STEP	RECOMMENDED USE
MP COLINA	Escalator for medium traffic with the capacity to transport up to 7000 persons per hour	7.5 m (30°) o 6 m (35°)	600/800/1000 mm	Shopping centres, supermarkets, hotels, office buildings. For medium / high traffic level.
MP SIERRA	Escalator for high traffic with the capacity to transport up to 7000 persons per hour	12.5 m (30°) o 6 m (35°)	600/800/1000 mm	Mainly metro and train stations. For high traffic, both indoor and outdoor.
MP PONT	Sloped, moving walkway with the capacity to transport up to 6000 persons per hour	7 m (10°-11°-12°)	800/1000 mm	Shopping centres, departments stores, supermarkets, etc.
MP PONT F	Sloped, moving walkway with the capacity to transport up to 6000 persons per hour	7 m (10°-11°-12°)	800/1000 mm	Shopping centres, department stores, supermarkets, etc. In this case it has a smooth start to facilitate access
MP PONT H	Horizontal moving walkway with the capacity to carry up to 6000 persons per hour	Length of 10 to 100 m (0 to 6°)	800/1000/1200/ 1400 mm	Airports and train stations where passengers must travel oven long distances







LIFTS











ESCALATORS and Moving WALKWAYS







AESTHETICS







LIFTS



PASSENGER Lifts



Lifts for HOSPITALS and MEDICAL CENTRES



PARKING Lifts and GOODS Lifts

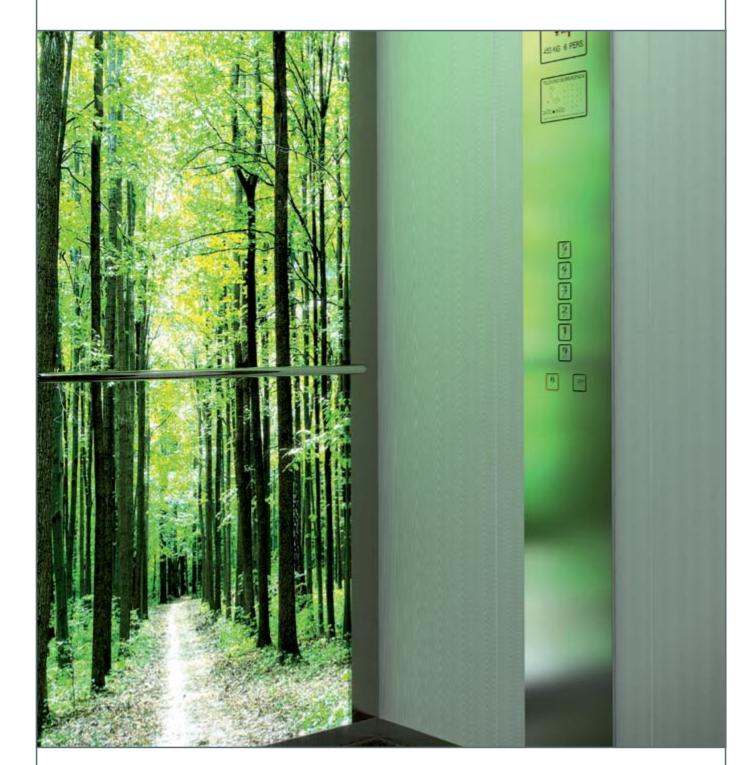


RESIDENTIAL LIFT













MpGo! Evolution



The highest performance in the range

Energy efficiency

Innovative, versatile and highly eco-efficient. That's MPGO! Evolution with gearless technology, the most advanced type in the MPGO! range.

The MPGO! offers lifts for residential buildings, hospitals, offices and public buildings. MPGO! Evolution is a lift with the highest level of energy efficiency. This is vouched for through its LEVEL A CERTIFICATION in the VDI energy classification system.

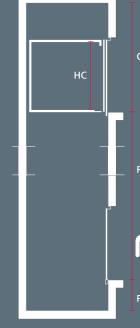
Maximum efficiency accessible for all

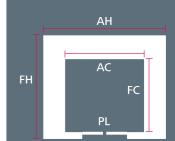




LANDING DOORS	
TYPE:	Automatic: 2 side-opening panels
	(Optional: other models)
FINISH:	Epoxy RAL 7044
DIMENSIONS:	See table x 2000 mm
	(Optional: other heights)
FIRE CLASSIFICATION ACCORDING TO EN 81-51:	E120, EW60

CONTROLLER				
TYPE:	Via Serie controller and inverter. Down collective or pick-up			
	(Optional: Microbasic)			
CONTROLLER CABINET:	On the highest floor for "S" series Epoxy finish			
	(Optional: cabinet may be located on any floor)			
ELECTRIC INSTALLATION				
	0 11 1 11 11 11 11 11 11 11 11			





DOUBLE 180° ENTRANCE



FEATURES	
TYPE:	Gearless Lift
SUSPENSION:	2:1
LOAD:	320 kg to 1125 kg
CAPACITY:	4 to 15 persons
SPEED:	1 - 1.6 m/s
TRAVEL RANGE:	Up to 48 m
STOPS:	16 stops
ENTRANCES	Single entrance and double 180° entrance
SERIES:	"S" machine roomless

CAR	
MODEL:	D-100 with single beam photocell
	(Optional: curtain photocell)
	Jamb arrow direction
	(Optional: other car models, see catalogues)
EXTERIOR DIMENSIONS:	See table
HEIGHT:	2100 mm
	(Optional: other heights)

CAR DOORS	
TYPE:	TYPE: Automatic: 2 side-opening panels. 3VF
	(Optional: other models)
FINISH:	Stainless steel (XO2)
DIMENSIONS:	See table x 2000 mm
	(Optional: other heights)

EN 61-51.	
	(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 XO2)
PUHSBUTTON:	Mechanical, polycarbonate plastic, fireproof pushbutton lit up with Leds
	(Optional: Mechanical, stainless steel pushbutton with halo lighting)
CAR INDICATOR:	LCD display
	(Optional 2 digit display with Leds made up of 7 segments)
SAFETY:	Emergency light and telephone
LANDING OPERATING PA	ANEL
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)

ELECTRIC INSTALLATION	l .
	Pre-assembled with "Plug & Play" connectors
MACHINE	
	Gearless. Permanent maGO magne With thermal safety cover for moto Rescue operation: Automatic rescui in addition to emergency electrical controller
BUFFERS	
	Made from polyurethane with a me pedestal included
GUIDE RAILS	
	Cold-Drawn / Machined
	In accordance with ISO 7465
	Bracketed
FIXINGS	
	Fixing brackets and plugs for enclose
ELECTRICAL FEATURES	
POWER SUPPLY VOLTAGE:	380 V three-phase
	(Optional: 220 V, 400 V, 415 V thre phase)

NOTE: Specifications correspond to the basic rate model.

(Optional: 60 Hz)

LIGHTING VOLTAGE: 220 V

FREQUENCY: 50 Hz



						SERIE S					
	MP410GO!	MP 610GO!	MP 616GO!	MP 810GO!	MP 816GO!	MP 1010GO!	MP 1016GO!	MP 1310GO!	MP 1316GO!	MP 1510GO!	MP1516GO!
Capacity (persons)	4	6	6	8	8	10	10	13 (*)	13 (*)	15 (*)	15 (*)
Speed (m/s)	1	1	1,6	1	1,6	1	1,6	1	1,6	1	1,6
Starts per hour	180	180	180	180	180	180	180	180	180	180	180
Power (HP / kW)	4/3	5,4 / 4	10,8 / 8	6,75 / 5	10,8 / 8	8,1/6	17,3 / 12,8	9,5 / 7	17,3 / 12,8	10,8 / 8	17,3 / 12,8
Current rating (A)	9,1	11,2	22,8	14,1	22,8	17,3	34,9	17,6	34,9	21,3	31
Q payload capacity (kg)	320	450 / 480	450 / 480	630	630	750 / 800	750 / 800	1000	1000	1125	1125
PL Clear entrance (mm)	700	800	800	800	800	900	900	900	900	1000	1000
AC Car exterior width (mm)	800	1000	1000	1100	1100	1200	1200	1100	1100	1200	1200
FC Car exterior depth (mm)	1100	1250	1250	1400	1400	1500	1500	2100	2100	2150	2150
HC Car useful height (mm)	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
AH shaft width (mm)	1300	1500	1500	1600	1600	1700	1750	1600	1650	1700	1750
FH shaft depth (mm)	1350	1500	1500	1650	1650	1750	1750	2350	2350	2400	2400
F Pit (mm)	1025	1025	1155	1025	1155	1025	1155	1025	1400	1025	1400
OH Headroom (mm)	3400	3400	3600	3400	3600	3400	3600	3400	3600	3400	3600
No. of ropes and diameter (mm)	4 x 6,5	5 x 6,5	5 x 6,5	6 x 6,5	6 x 6,5	7 x 6,5	7 x 6,5	8 x 6,5	8 x 6,5	9 x 6,5	9 x 6,5
Distance between brackets (mm)	1500 / 3000	1500 / 3000	3000	1500 / 3000	3000	1500 / 3000	3000	1500 / 3000	3000	1500 / 3000	3000
Car guide rail (sections of 5 m)	70 / 65 / 9	70 / 65 / 9	90 / 75 / 16	70 / 65 / 9	90 / 75 / 16	70 / 70 / 9	90 / 75 / 16	70 / 70 / 9	90 / 75 / 16	89 / 62 / 16	90 / 75 / 16
Counterweight guide rail (sections of 5 m)	50 / 50 / 5	50 / 50 / 5	70 / 70 / 9	50 / 50 / 5	70 / 70 / 9	65 / 54 / 8	70 / 70 / 9	70 / 70 / 9	70/70/9	70 / 70 / 9	70 / 70 / 9
Suspension	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Design dossier	ACIN3 2010	ACIN3 2010	ACIN3 2010	ACIN3 2010	ACIN3 2010	ACIN3 2010	ACIN3 1000	ACIN3 2010	ACIN3 1000	ACIN3 2010	ACIN3 1000

(*) NOTE: MP PASSENGER range series D and C car interior designs. For the MP GLASS range, counterweight safety gear model MP GO! Mega XS.

- Fixings every 1500 mm: MP610, MP810, MP1010, MP1310, MP1510. Optional: fixing brackets every 3000 mm.
- Fixings every 3000 mm: MP616, MP816, MP1016, MP1316, MP1516.
- Start-up intensity = 1.8 * Nominal intensity.
- Height of doors 2000 mm.
- The number of ropes depends on the total weight of the lift.
- Headroom 3400 mm and pit 1200 mm, in accordance with EN81-1, without applying compensatory safety measures (rubber floor and s = 1 m/s).
- The minimum shaft width is included in the table. The minimum recommended shaft width is shown in the drawings. Recommended shaft width = minimum SW + 100 mm.

PRODUCT OPTIONS:

- Reduced overhead of up to 3000 mm. In overheads less than 3400 through to 3000 mm, the level of safety required in EN 81-21 For 4 passengers, model MP GO! Flex.
- Reduced pit of up to 695 mm. In pits less than 1050 through to 695 mm, the level of safety required in EN 81-21. For 4 passengers, model MP GO! Flex.
- Adaptable to singl-phase mains up to 6 passengers and Rated speed 0.5 m/s.
- Safety gear on counterweight for all madels. From 4 to 6 passengers, consult about feasability.
- All models can be adapted to modular structures. Consult about feasability.

Comfort

you can see and feel it...

The level of COMFORT in a lift can be felt both by those who use it, as well as by the residents of a building.

Let's see the parameters which are used to measure comfort, which parameters are measured, the scopes of measurement, how it is regulated and the values offered by MPGO! Evolution.

MEASUREMENT PARAMETERS

The comfort of a lift, both for those who use it as well as for the residents of a building, can be measured using the following parameters:

NOISE

Noise not desired by the receiver, this generally being unpleasant.

This is measured in dB (A), a unit of measurement which represents how the human ear filters the noise level.

VIBRATIONS

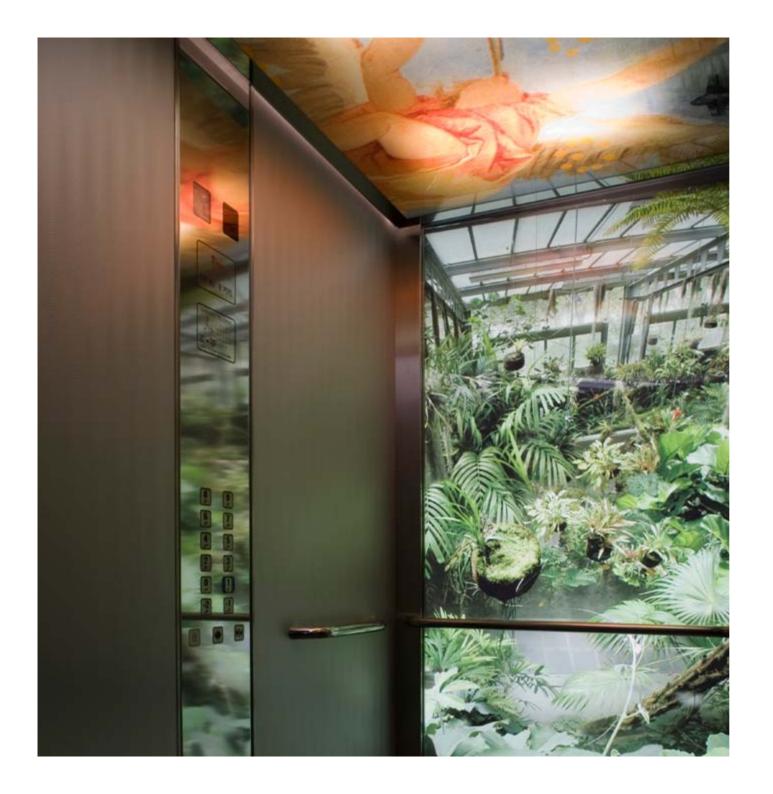
Oscillations undesired by the receiver, these generally being unpleasant.

These are mainly transmitted to the car in two ways: Vertically, i.e. through the components which are between the car and the machine (electric ropes) and horizontally, i.e. between the car and guide rails (guide shoes).

These are measured in milli-g (1 milli-g is equivalent to 0.01 m/s^2).









SCOPES OF MEASUREMENT

During the operating of the lift, the noise and vibration levels should be taken into account in four outstanding areas for the lift's comfort:

Inside the car: where the comfort of the trip is measured (1)

Areas adjacent to the shaft (for example, the room in the apartment which shares a wall with the lift) (2)

Lift shaft (3)

Top floor (where the machine room and controller are located) (4)

APPLICABLE STANDARDS:

VDI 2566-2:2004 Acoustic design for machine room less lifts. (German Standard)

ISO 18738:2003 - Lifts (elevators) - Measurement of lift ride quality $% \left(\frac{1}{2}\right) =\frac{1}{2}\left(\frac{1}{2}\right) +\frac{1}{2}\left(\frac{1}{2}\right) =\frac{1}{2}\left(\frac{1}{2}\right) +\frac{1}{2}\left(\frac{1}{2}\right) +\frac{1}{$

CURRENT LEGISLATION, in addition to specific legislation for lifts:

Technical Building Code. DB-HR sound protection

Spanish Law on Noise, RD (Royal Decree) 1367/2007

Regional decrees and municipal regulations

Car interior (quality of ride)

The ride quality for the passenger in the lift is based on sensations he/she perceives during the trip inside the car. Therefore, the parameters which most affect passengers in this aspect are:

Jerk: A scalar magnitude which expresses the changes in acceleration per unit of time. It represents the "pulling" sensation which is felt when the lift moves. It is measured in the units of the International System (m/s³).

Sound: The sound level during the operating of the lift must be low enough in order to be able to hold a conversation, but loud enough so that passengers know the lift is moving. It is measured in dB (A).

Vibrations: Both vertical and horizontal vibrations.

VALUES OFFERED BY MP GO! EVOLUTION:

Car sound level: Medium level: $50 \pm 3 \text{ dB}$ (A)

Jerk $\leq 1.5 \text{ m/s}^3$

Vibrations:

- · Vertical: ISO A95 ≤ 15 ± 5 milli-g's · Horizontal: ISO A95 ≤ 8 ± 1 milli-g's







Areas adjacent to the shaft 2

The parameter with which the comfort of the lift is measured is its SOUND LEVEL

The standard VDI 2566-2:2004 establishes a maximum sound level of 30 dBA.

The Spanish Law on Noise, RD (Royal Decree) 1367/2007, establishes a maximum sound level of 30 dBA if they are protected areas (living rooms and bedrooms) and 35 dBA if the areas are not protected.

The Spanish Technical Building Code (TBC) sets out that construction must guarantee the following insulation:

Acoustic insulation between an installation area (lift shaft) and a protected area (living room, bedroom, etc.) must be at least 55 dBA.

Acoustic insulation between an installation area (lift shaft) and a non-protected area (stairway, kitchen, etc.) must be at least 45 dBA.

A proper installation of MP GO! Evolution ensures compliance with established levels.

Lift shaft 3

The parameter with which the comfort of the lift is measured is its SOUND LEVEL

Standard VDI 2566-2:2004 establishes a maximum noise level (Max. LAF) of 75 dBA.

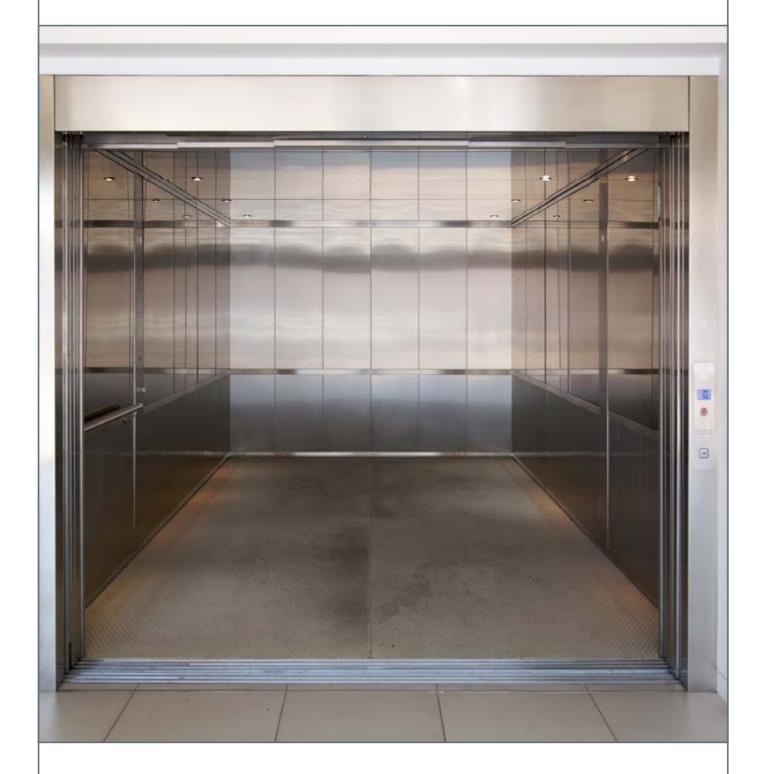
The values offered by MP GO! Evolution are: Medium level: LpAeq = 65 dBA. Maximum level: LpAmax = 68 dBA.

Top floor 4

The parameter with which the comfort of the lift is measured is its SOUND LEVEL.

Standard VDI 2566-2:2004 establishes a maximum noise level (Max. LAF) for access doors of 65 dBA.











The ideal solution for heavy traffic

Gearless

Provided with the basic features of the MPGO! range in terms of safety, comfort and energy efficiency, MPGO! Mega is an ideal solution which uses advanced gearless technology in buildings where the high volume of passengers transported requires lifts to be spacious, strong and adapted to new eco-efficiency requirements.

Power and strength





FEATURES	
TYPE:	Gearless Lift
SUSPENSION:	2:1 and 4:1
LOAD:	1275 kg to 6500 kg
CAPACITY:	17 to 86 persons
SPEED:	1 m/s up to 5000 kg
	1.6 m/s up to 2500 kg
	0.5 m/s from 5500 kg to 6500 kg
TRAVEL RANGE:	Up to 45 m
STOPS:	16 stops
ENTRANCES	Single entrance and double 180° entrance
SERIES:	"C" With a machine room "S" Machine room less
CAR	

CAR	
MODEL:	D-100 with single beam photocell
	(Optional: curtain photocell)
	Jamb arrow direction
	(Optional: other car models, see catalogues)
EXTERIOR:	See table
DIMENSIONS:	2100 mm
HEIGHT:	(Optional: other heights)

CAR DOORS	
TYPE:	Automatic: 2 side-opening panels / 4 central panels. 3VF (Optional: other models)
FINISH:	Stainless steel (X02)
DIMENSIONS:	See table x 2000 mm
	(Optional: other heights)

LANDING DOORS	
TYPE:	Automatic: 2 side-opening panels / 4 central panels
	(Optional: other models)
FINISH:	Ероху
DIMENSIONS:	See table x 2000 mm
	(Optional: other heights)
FIRE CLASSIFICATION:	E120, EW60 acccording to EN 81-51
	(Optional: other classifications)
SHAFT	
DIMENSIONS:	See table
PIT:	See table
HEADROOM:	See table
CAR OPERATING PANE	L
MODEL:	Full-height
FINISH:	Plastic coated steel
	(Optional: Stainless steel XO2)
PUHSBUTTON:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds
	. (Optional: Mechanical, stainless steel pushbutton with halo lighting)
CAR INDICATOR:	LCD display
	. (Optional 2 digit display with Leds made
	up of 7 segments)
SAFETY:	Emergency light and telephone
LANDING OPERATING P	ANEL
MODEL:	
	P001, door frames
FINISH:	Stainless steel plate (X02)
FINISH:	Stainless steel plate (X02) Mechanical, polycarbonate plastic,

ENGRAVING: Black logo (done with laser)

CONTROLLER	
TYPE:	Vía Serie controller and inverter. Down collective or pick-up.
	(Optional: Microbasic)
LOCATION:	Cabinet on the top floor for "S" series Epoxy finish
ELECTRIC INSTALLATION	V
	Pre-assembled with "Plug & Play" connectors

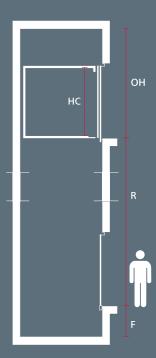
MACHINE	
	Gearless. Permanent magnets With thermal safety cover for motor. Rescue operation: manual through unbalanced load
UFFERS	

	Made from polyurethane with a metal pedestal included
UIDE RAILS	
	Cold-Drawn / Machined
	In accordance with ISO 7465

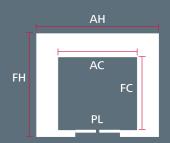
ng brackets and plugs for concrete losure.

ELECTRICAL FEATURES	
POWER SUPPLY VOLTAGE:	380 V three-phase
	(Optional: 220 V, 400 V, 415 V three-phase)
LIGHTING VOLTAGE:	220 V
FREQUENCY:	50 Hz
	(Optional: 60 Hz)

NOTE: Specifications correspond to the basic rate model.



STANDARD ENTRANCE



DOUBLE 180° ENTRANCE





									C and S	SERIES								
	MP 1710 GO! XS	MP1716 GO! XS	MP 2010 GO! L	MP 2016 GO! L	MP 2110 GO! L	MP 2116 GO! L	MP 2610 GO! L	MP 2616 GO! L	MP 3310 GO! L	MP 3316 GO! L	MP 4010 GO! XL	MP 4610 GO! XL	MP 5310 GO! XL	MP 6010 GO! XL	MP6610 GO! XL	MP 7305 GO! XL	MP8005 GO! XL	MP8605 GO! XL
Capacity (persons)	17	17	20	20	21	21	26	26	33	33	40	46	53	60	66	73	80	86
Speed (m/s)	1,0	1,6	1,0	1,6	1,0	1,6	1	1,6	1	1,6	1	1	1	1	1	0,5	0,5	0,5
Starts per hour	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
Power (HP/kW)	10,2 / 7,6	17,7 / 13,1	19 / 14,2	27,7 / 20,6	19 / 14,2	27,7 / 20,6	21,8 / 16,2	35,4 / 26,3	21,8 / 16,2	40,8 / 30,3	43,5 / 32,3	43,5 / 32,3	43,5 / 32,3	57,1 / 42,4	57,1 / 42,4	40,8 / 30,3	40,8 / 30,3	40,8 / 30,3
Rated current (A)	29,7	33	42	53,5	42	53,5	43	68	43	80	80	80	80	98	98	82	82	82
Q capacity (kg)	1275	1275	1500	1500	1600	1600	2000	2000	2500	2500	3000	3500	4000	4500	5000	5500	6000	6500
PL clear opening (mm) (1)	(T2) 1000	(T2) 1000	(T2) 1000	(T2) 1000	(T2) 1100	(T2) 1100	(C4) 1400	(C4) 1800	(C4) 1800	(C4) 1800	(C4) 1800	(C4) 1800	(C4) 1800	(C4) 1800				
AC car width (mm)	1200	1200	1900	1900	1400	1400	2000	2000	2000	2000	1850	2000	2100	2250	2500	2500	2600	2600
FC car depth (mm)	2300	2300	1750	1750	2400	2400	2100	2100	2500	2500	3000	3200	3400	3500	3500	3800	4000	4300
HC useful car height (mm)	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
AH shaft width (mm)	1750	1750	2800	2800	2300	2300	2950	2950	2950	2950	3150	3300	3400	3750	4000	4000	4100	4100
FH shaft depth (mm)	2550	2550	2300	2300	2700	2700	2400	2400	2800	2800	3300	3500	3700	3850	3850	4150	4350	4650
PL clear opening (mm) (1)	-	-	(T2) 1100	(T2) 1100	(C4) 1300	(C4) 1300	(T2) 1300	(T2) 1300	(T2) 1300	(T2) 1300	(C4) 1400	(C4) 1800	(C4) 1800	(C4) 1800	(C4) 800	(C4) 1800	(C4) 1800	(C4) 1800
AC car width (mm)	-	-	1400	1400	1700	1700	1500	1500	1800	1800	2100	2350	2450	2600	3000	3100	3200	3300
FC car depth (mm)	-	-	2300	2300	2000	2000	2700	2700	2700	2700	2700	2700	2900	3000	3000	3100	3200	3300
HC useful car height (mm)	-	-	2100	2100	2100	2100	2100	2100	2100	2100	2180	2180	2180	2180	2180	2180	2180	2180
AH haft width (mm)	-	-	2300	2300	2600	2600	2450	2450	2750	2750	3250	3600	3700	3850	4250	4600	4700	4800
FH shaft depth (mm)	-	-	2600	2600	2300	2300	3000	3000	3000	3000	3000	3000	3200	3300	3300	3400	3500	3600
F pit (mm)	1200	1200	1200	1500	1400	1500	1400	1500	1400	1500	1600	1600	1600	1600	1600	1600	1600	1600
OH headroom (mm)	3400	3600	3700	3800	3700	3800	3700	3800	3700	3800	4100	4100	4100	4100	4100	4100	4100	4500
No. ropes x diameter (mm)	9 x 6,5	9 x 6,5	8 x 8	8 x 8	9 x 8	9 x 8	8 x 10	8 x 10	10 x 10	10 x 10	6 x 10	7 x 10	8 x 10	9 x 10	10 x 10	10 x 10	10 x 10	10 x 10
Distance between guide rails (mm)	1300	1300	AC+200	AC+200	AC+200	AC+200	AC+200	AC+200	AC+200	AC+200								
Distance between brackets (mm)	1500	1500	3000	3000	3000	3000	3000	3000	3000	3000	2500	2500	2200	2500	2200	2000	2000	2000
Car guide rail (sections of 5 m)	120/76/9	120/76/9	90/75/16	125/82/16	90/75/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	127/89/16	127/89/16	127/89/16	127/89/16	127/89/16
Counterweight guide rail (sections of 5 m)	70/70/9	70/70/9	65/54/8	70/70/9	65/54/8	70/70/9	65/54/8	70/70/9	70/65/9	70/70/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9
Suspension	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1	4:1	4:1	4:1	4:1	4:1	4:1	4:1	4:1
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Design dossier	ACIN3 1000kg	ACIN3 1000kg	SCMG10-NA	SCMG10-NA	SCMG10-NA	SCMG10-NA	SCMG-10NA	SCMG-10NA	SCMG-10NA	SCMG-10NA	SCMG-11NA	SCMG-11NA	SCMG-11NA	SCMG-11NA	SCMG-11NA	SCMG-11NA	SCMG-11NA	SCMG-11NA

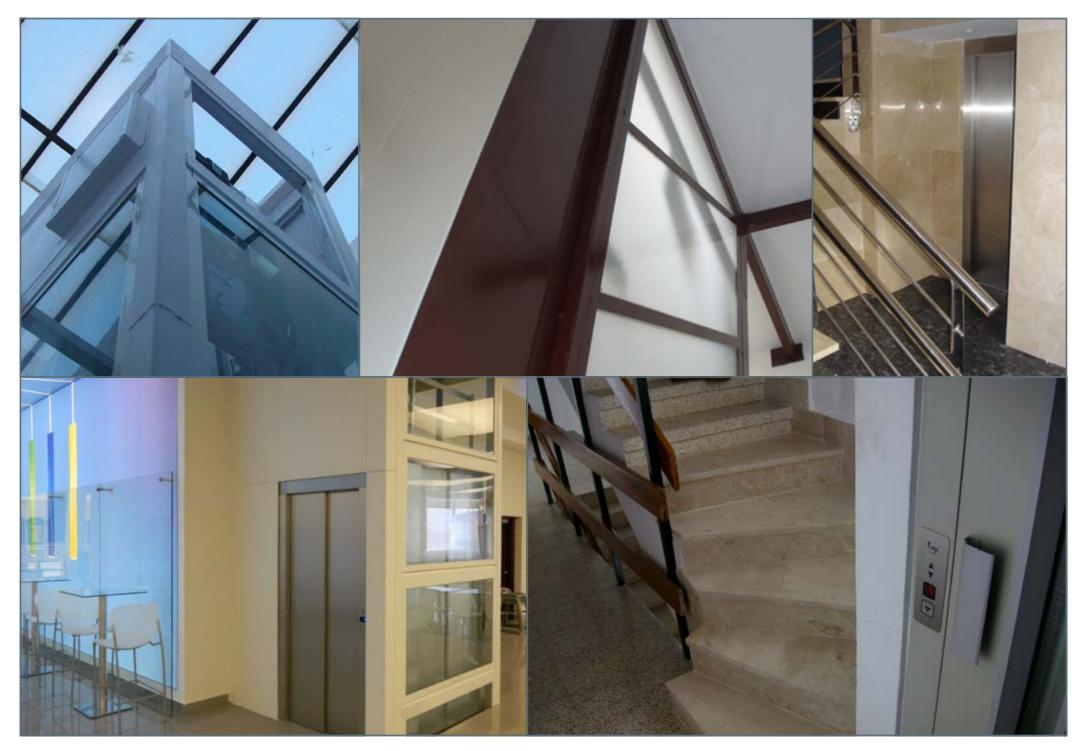
For double 180° entrance, FH + 75 mm. Shaft depths with 30 mm door overhang. Dimensions for useful car height 2000 mm.

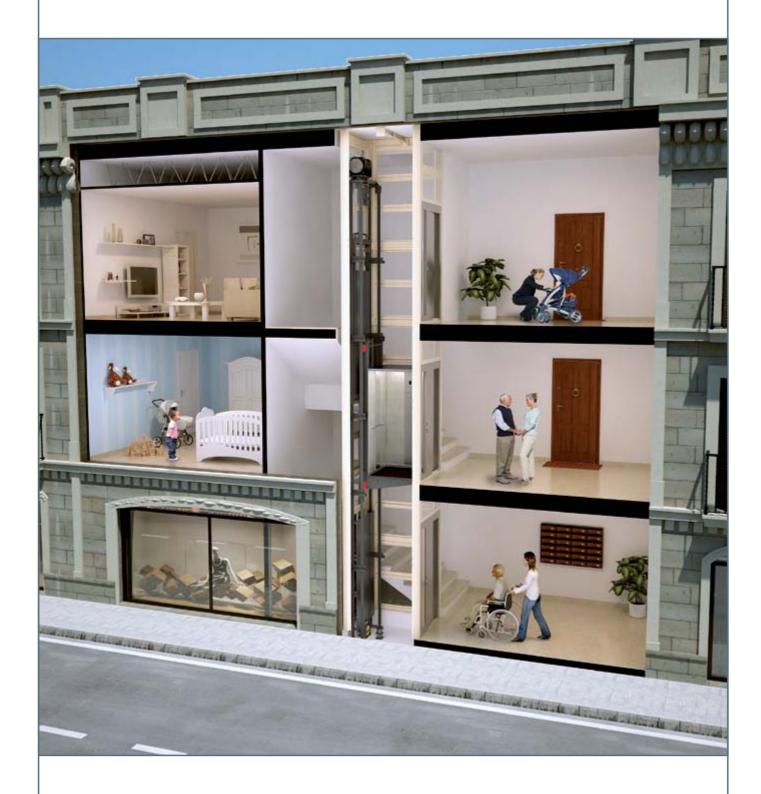
NOTE: The values included in this table correspond to pre-established conditions and may be modified, according to the specific characteristics of each installation.

(1) According to opening type: T2 or C4.

FH Shaft depth AC Car width HC Car height FC Car depth OH Headroom

F Pit PL Standard clear entrance R Travel range











Refurbishment solutions for buildings without lifts

Accessibility and comfort

MP GO! Flex is the gearless technology solution able to be seamlessly adapted to any building, no matter how small or complicated the available shaft may be, as well as to self-supporting modular structures.

Versatility and comfort



STANDARD ENTRANCE

DOUBLE 180° ENTRANCE

DOUBLE 90° ENTRANCE



FEATURES	
TYPE:	Gearless Lift
SUSPENSION:	1:1
LOAD:	180 kg to 630 kg
CAPACITY:	2 to 8 persons
SPEED:	1 m/s
TRAVEL RANGE:	Up to 45 m
STOPS:	16 stops
ENTRANCES:	Single entrance, double 180° entrance, double 90° entrance and triple entrance
SERIES:	"C" With a machine room "S" Machine room less
CAR	
MODEL:	D-100 with single beam photocell
	(Optional: curtain photocell)
	Jamb arrow direction
	(Optional: other car models, see catalogues)
EXTERIOR DIMENSIONS:	See table
HEIGHT:	2100 mm
	(Optional: other heights)

HEIGHT:	2100 mm
	(Optional: other heights)
CAR DOORS	
TYPE:	Automatic. 2 side-opening panels 3VF
	(Optional: other models)
	BS: Automatic sliding folding door (BUS)
	(Optional: other models)
FINISH:	Epoxy RAL 7044
DIMENSIONS:	See table x 2000 mm (optional: other heights)
	(Optional: other heights)

LANDING DOORS	
TYPE:	Automatic: 2 side-opening panels
	(Optional: other models)
	BS: Semiautomatic vision panel and opening detection
	(Optional: other models)
FINISH:	Epoxy RAL 7044
DIMENSIONS:	See table x 2000 mm (optional: other heights)
FIRE CLASSIFICATION ACCORDING TO EN 81-51:	E120, EW60
	(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 XO2)
PUHSBUTTON:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds
	(Optional: Mechanical, stainless steel pushbutton with halo lighting)
CAR INDICATOR:	LCD display
	(Optional display made up of 2 digits
	with Leds of 7 segments)

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)			

TYPE:	Via Serie controller and DSP inverter. Down collective or universal
	(Optional: Microbasic)
	. ` '
CONTROLLER CABINET:	On the highest floor. Epoxy finish for "S" series
	(Optional: cabinet may be located on any floor)

	(Optional: Microbasic)
CONTROLLER CABINET:	On the highest floor. Epoxy finish for "S" series
	(Optional: cabinet may be located on any floor)
ELECTRIC INSTALLATION	V
	Pre-assembled with "Plug & Play" connectors
MACHINE	
	Gearless. Permanent maGO magnets With thermal safety cover for motor. Automatic rescue with emergency electrical controller
BUFFERS	
	Made from polyurethane with a metal pedestal included
GUIDE RAILS	

	pedestal included
GUIDE RAILS	
	Cold-Drawn / Machined
	In accordance with ISO 7465
FIXINGS	

Fixing brackets and plugs for concrete enclosure

ELECTRICAL FEATURES	
POWER SUPPLY VOLTAGE:	380 V three-phase
	(220 V single-phase option, see catalogue)
LIGHTING VOLTAGE:	220 V
FREQUENCY:	50 Hz





NOTE: Specifications correspond to the basic rate model.

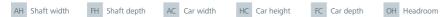


	MP210 GO FLEX	MP310 GO FLEX		MP410 GO FLEX		MP510 GO FLEX		MP610 GO FLEX		MP710 GO FLEX		MP810 GO FLEX	
No. persons/Q/min. car area	2/180 kg/0.49 m ²	3/225 kg/0.60 m ²		4/320 kg/0.79 m²		5/375 kg/0.98 m ²		6/450 kg/1.17 m ²		7/525 kg/131 m ²	-	8/630 kg/1,45 m²	
Minimum depth required (mm)	1300	1450		1650		1750		1750		1750		1750	
Minimum car dimension (width x depth)	680 x 770	680 x 920	Minimum shaft width 800	730 x 1120	Minimum shaft width 850	830 x 1220	Minimum shaft width 950	980 x 1220	Minimum shaft width	1080 x 1220	Minimum shaft width	1200 x 1220	Minimum shaft width
Clear opening (mm)/ Type of doors	600/Sliding folding door (Bus)	600/Sliding folding door (Bus)	mm	600/Sliding folding door (Bus)		700/Sliding folding door (Bus)	mm	800/Sliding folding door (Bus)	1100 mm	800/Sliding folding door (Bus)	1200 mm	800/Sliding folding door (Bus)	1320 mm
Minimum width required (mm)	1300	1500		1650		1700		1700		1700		1700	
Car dimension (width x depth)	820 x 630	1020 x 630	Minimum shaft depth 800	1170 x 680	Minimum shaft depth 850	1220 x 830	Minimum shaft depth	1220 x 970	Minimum shaft	1220 x 1080	Minimum shaft depth	1220 x 1200	Minimum shaft depth
Clear opening (mm) / Type of doors	650/Sliding folding door (Bus)	900/Sliding folding door (Bus)	mm	900/Sliding folding door (Bus)	mm	900/Sliding folding door (Bus)	1000 mm	800/T2	depth 1200 mm	800/T2	1310 mm	800/T2	1430 mm
Minimum pit in accordance with EN 81-1	1300	1300		1024		1024		1024		1024		1024	
Minimum pit in accordance with EN 81-2	310	310		310		310		310		310		310	
Minimum headroom in accordance with EN 81-1	3400	3400		3400		3400		3400		3400	-	3400	
Minimum headroom in accordance with EN 81-21	2850 mm* S Series 2400 mm C Series	2850 mm* S Series 2400 mm C Series		2850 mm* S Series 2400 mm C Series		2850 mm* S Series 2400 mm C Series		2850 mm* S Series 2400 mm C Series		2850 mm* S Series 2400 mm C Series		2850 mm* S Series 2400 mm C Series	
Power	1,5 kW / 2 HP	2 kW / 2,6 HP		2,5 kW / 3,3 HP		3 kW / 4 HP		3,5 kW / 4,6 HP		4,6 kW / 6,1 HP		5,1 kW / 6,8 HP	
Nominal Intensity (A)	5.4	6.8	•	7,7		9,3		11		14		16	
Single-phase option	YES	YES		YES		YES		YES		NO		NO	
90°/270°/180° double entrance option	PLEASE CONSULT	PLEASE CONSULT		PLEASE CONSULT		PLEASE CONSULT		PLEASE CONSULT		PLEASE CONSULT	-	PLEASE CONSULT	
Triple entrance option	PLEASE CONSULT	PLEASE CONSULT		PLEASE CONSULT		PLEASE CONSULT		PLEASE CONSULT		PLEASE CONSULT	-	PLEASE CONSULT	
Option for adaptation to flat sliding folding door (Bus)	YES	YES		YES		YES		YES		YES	-	YES	

^{*} This may be reduced to 2750 mm if the height of the car is decreased to 2000 mm.

The speed of the MP GO! Flex in terms of all its models is 1 m/s.

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



















^{*} In the event of adapting the MP GO! Flex to a single-phase mains power, the speed may decrease to 0.8 m/s or 0.5 m/s depending on the lift load.

All overhead measurements take into account the standard car height of 2100 mm.

All models may be adapted to our modular structure and offer the option of counterweight safety gear. Please ask us for more information.











Flexibility and efficiency

Refurbishment solutions for buildings without lifts

Adaptability and innovation

The XL CAR option is ideal to completely replace hydraulic lifts, offering the same car dimensions.

Gearless technology adapted to very small spaces and difficult shafts.

Optimise shaft dimensions to the maximum





FEATURES	
TYPE:	Gearless Lift
SUSPENSION:	1:1
LOAD:	180 kg to 450 kg
CAPACITY:	3 to 6 persons
SPEED:	1 m/s
TRAVEL RANGE:	Up to 45 m
STOPS:	16 stops
ENTRANCES:	Single entrance, double 180° entrance, double 90° entrance and triple entrance
SERIES:	"C" With a machine room "S" Machine room less
CAR	
MODEL:	D-100 with single beam photocell
	(Optional: curtain photocell)
	Jamb arrow direction
	(Optional: other car models, see catalogues)
EXTERIOR DIMENSIONS:	See table
HEIGHT:	2100 mm
	(Optional: other heights)
CAR DOORS	
TYPE:	Automatic. 2 side-opening panels. 3VF
	(Optional: other models)
	BS: Automatic sliding folding door (BUS)
	(Optional: other models)
FINISH:	Stainless steel (X02)

DIMENSIONS: See table x 2000 mm

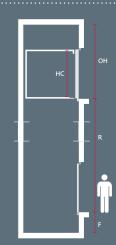
(Optional: other heights)

LANDING DOORS	
TYPE:	Automatic: 2 side-opening panels
	(Optional: other models)
	BS: Semiautomatic vision panel and opening detection
	(Optional: other models)
FINISH:	Epoxy RAL 7044
DIMENSIONS:	See table x 2.000 mm
	(Optional: other heights)
FIRE CLASSIFICATION ACCORDING TO EN 81-51:	E120, EW60
	(Optional: other classifications)
SHAFT	
DIMENSIONS:	See table
PIT:	See table
SAFETY FREE VERTICAL DISTANCE:	See table
Car operating pane	
MODEL:	Full-height
FINISH:	Plastic coated steel
	(Optional: Stainless steel XO2)
	Manhanian makunankamata mlastia
PUHSBUTTON:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds.
PUHSBUTTON:	fireproof pushbutton lit using Leds. (Optional: Mechanical, stainless steel pushbutton with halo lighting)
PUHSBUTTON: CAR INDICATOR:	fireproof pushbutton lit using Leds. (Optional: Mechanical, stainless steel
CAR	fireproof pushbutton lit using Leds. (Optional: Mechanical, stainless steel pushbutton with halo lighting)
CAR	fireproof pushbutton lit using Leds. (Optional: Mechanical, stainless steel pushbutton with halo lighting) LCD display (Optional display made up of 2 digits
CAR INDICATOR:	fireproof pushbutton lit using Leds. (Optional: Mechanical, stainless steel pushbutton with halo lighting) LCD display (Optional display made up of 2 digits with Leds of 7 segments) Emergency light and telephone
CAR INDICATOR: SAFETY:	fireproof pushbutton lit using Leds. (Optional: Mechanical, stainless steel pushbutton with halo lighting) LCD display (Optional display made up of 2 digits with Leds of 7 segments) Emergency light and telephone
CAR INDICATOR: SAFETY: LANDING OPERATING	fireproof pushbutton lit using Leds. (Optional: Mechanical, stainless steel pushbutton with halo lighting) LCD display (Optional display made up of 2 digits with Leds of 7 segments) Emergency light and telephone
CAR INDICATOR: SAFETY: LANDING OPERATING MODEL:	fireproof pushbutton lit using Leds. (Optional: Mechanical, stainless steel pushbutton with halo lighting) LCD display (Optional display made up of 2 digits with Leds of 7 segments) Emergency light and telephone PANEL PO01, door frames

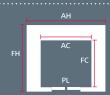
ENGRAVING: Black logo (done with laser)

CONTROLLER	
TYPE:	Via Serie controller and DSP inverter. Down collective or universal
	(Optional: Microbasic)
CONTROLLER CABINET:	On the highest floor. Epoxy finish for "S" series
	(Optional: cabinet may be located on any floor)
ELECTRIC INSTALLATIO	N
ELECTRIC INSTALLATIO	Pre-assembled with "Plug & Play" connectors
AAA CUUNIE	
MACHINE	
	Gearless. Permanent maGO magnets With thermal safety cover for motor. Automatic rescue with emergency electrical controller
BUFFERS	
	Made from polyurethane with a meta pedestal included
COLD-DRAWN / MACH	INED
	Guide rails
	In accordance with ISO 7465
FIXINGS	
	Fixing brackets and plugs for concrete enclosure
ELECTRICAL FEATURES	
POWER SUPPLY VOLTAGE:	380 V three-phase
	(220 V single-phase option, see catalogue)
	catalogue)
LIGHTING VOLTAGE:	220 V

NOTE: Specifications correspond to the basic rate model.



STANDARD ENTRANCE



DOUBLE 180° ENTRANCE



DOUBLE 90° ENTRANCE



TRIPLE ENTRANCE











	MP210 GO Flex XL	MP310 GO Flex XL		MP410 GO Flex XL		MP510 GO Flex XL		MP610 GO Flex XL	
No. persons/Q/min. car suspension	2 / 180 kg / 0.49 m ²	3 / 225 kg / 0.60 m ²	_	4 / 320 kg / 0.79 m ²	-	5 / 375Kg / 0.98m ²	-	6 / 450 kg / 1.17 m ²	-
Minimum depth required (mm)	1300	1450		1650		1750		1750	
Minimum car dimension (width x depth) (mm) with machine placed on the side	680 x 770	680 x 920	Minimum shaft width 800 mm	730 x 1120	Minimum shaft width 850 mm	830 x 1220	Minimum shaft width 950 mm	980 x 1220	Minimum shaft width 1100 mm
Clear opening (mm) / type of doors	600 / Sliding folding door (Bus)	600 / Sliding folding door (Bus)		600 / Sliding folding door (Bus)		700 / Sliding folding door (Bus)		800 / Sliding folding door (Bus)	
Minimum width required (mm)	1300	1500		1650		1700		1700	
Minimum car dimension (width x depth) (mm) with machine placed at the depth	820 x 630	1020 x 630	Minimum shaft depth 800 mm	1170 x 680	Minimum shaft depth 850 mm	1220 x 830	Minimum shaft depth 1000 mm	1220 x 970	Minimum shaft depth 1200 mm
Clear opening (mm) / type of doors	650 / Sliding folding door (Bus)	900 / Sliding folding door (Bus)		900 / Sliding folding door (Bus)		900 / Sliding folding door (Bus)		800 / T2	
			-		-				
Minimum pit in accordance with EN 81-1	1300	1300	-	1024	-	1024		1024	-
Minimum pit in accordance with EN 81-21	575	310		575		575		575	
Minimum headroom in accordance with EN 81-1	3371 (*)	3371 (*)	_	3371 (*)	-	3371 (*)		3371 (*)	
Minimum headroom in accordance with EN 81-21	3300 mm* "S" Series 2850 mm "C" Series	3300 mm* "S" Series 2850 mm "C" Series		3300 mm* "S" Series 2850 mm "C" Series		3300 mm* "S" Series 2850 mm "C" Series		3300 mm* "S" Series 2850 mm "C" Series	
Power	2.6 kW / 3.4 HP	2.6 kW / 3.4 HP	-	2.6 kW / 3.4 HP		3.7 kW / 4.8 HP		3.7 kW / 4.8 HP	•
Nominal Intensity (A)	8.75	8.75	-	8.75		11.5		11.5	
Single-phase option	YES	YES		YES		YES		YES	
90°/270°/180° double entrance option	PLEASE CONSULT	PLEASE CONSULT	-	PLEASE CONSULT		PLEASE CONSULT		PLEASE CONSULT	
Triple entrance option	PLEASE CONSULT	PLEASE CONSULT	-	PLEASE CONSULT	-	PLEASE CONSULT		PLEASE CONSULT	-
Option for adaptation to flat sliding folding door (Bus)	YES	YES	_	YES	-	YES		YES	-

 $^{^{\}star}$ This may be reduced to 3271 mm if the height of the car is decreased to 2000 mm.

The speed of the MP GO! Flex for all models is 1 m/s (in the event of adapting the MP GO! Flex XL to single-phase mains power, the speed may decrease to 0.7 m/s or 0.05 m/s depending on the lift load). All overhead measurements take into account the standard car height of 2100 mm.

All models may be adapted to our modular structure and offer the option of counterweight safety gear. Please ask us for more information.

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





























The ideal solution for modernisation or replacement

Eco-efficiency

The MP GO! C is a lift with gearless technology and machine room, designed to improve energy efficiency both for existing lifts as well as new installationst.

In addition, it offers the possibility to be adapted to a single-phase 220V supply.

A forward-looking lift





FEATURES	
TYPE:	Gearless lift
LOAD:	320 kg to 1125 kg
CAPACITY:	4 to 16 persons
SPEED:	1 m/s and 1.6 m/s
SUSPENSION:	1:1 and 2:1
TRAVEL RANGE:	Up to 45 m
STOPS:	16 stops
ENTRANCES:	Single entrance, double 180° entrance
SERIES:	"C" With machine room
CAR	

MODEL:	D-100 with single beam photocell
	(Optional: curtain photocell)
	Jamb arrow direction
	(Optional: other car models, see catalogues)
EXTERIOR DIMENSIONS:	See table
HEIGHT:	2100 mm
	(Optional: other heights)

CAR DOORS	
TYPE:	Automatic: 2 side-opening panels. 3VF
	(Optional: other models)
FINISH:	Stainless steel (X02)
DIMENSIONS:	See table x 2000 mm
	(Optional: other heights)

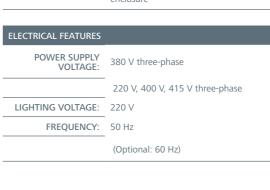
LANDING DOORS	
TYPE:	Automatic: 2 side-opening panels
	(Optional: other models)
FINISH:	Epoxy RAL 7044
DIMENSIONS:	See table x 2000 mm
	(Optional: other heights)
FIRE CLASSIFICATION:	E120, EW60 according to EN 81-58
	(Optional: other classifications)
SHAFT	
DIMENSIONS:	See table
PIT:	See table
HEADROOM:	See table
CAR OPERATING PANEL	L
MODEL:	Full-height (Column)
FINISH:	Plastic coated steel
	(Optional: Stainless steel XO2)
PUHSBUTTON:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds
	(Optional: Mechanical, stainless steel pushbutton with halo lighting)
CAR INDICATOR:	LCD display
	(Optional display made up of 2 digits with Leds of 7 segments)
SAFETY:	Emergency light and telephone
LANDING OPERATING I	PANEL
MODEL:	P001, door frames
FINISH:	Stainless steel plate (X02)
PUHSBUTTON:	Mechanical, polycarbonate plastic, fireproof pushbutton lit up with Leds.

NDING DOORS		CONTROLLER	
TYPE:	Automatic: 2 side-opening panels	TYPE:	Vía Se
	(Optional: other models)		collec
FINISH:	Epoxy RAL 7044		(Opci
DIMENSIONS:	See table x 2000 mm	LOCATION:	In the
	(Optional: other heights)		
RE CLASSIFICATION:	E120, EW60 according to EN 81-58	ELECTRIC INSTALLATIO	
	(Optional: other classifications)		Pre-as
AFT		MACHINE	
DIMENSIONS:	See table		Gearl
PIT:	See table		therm opera
HEADROOM:	See table		to em
R OPERATING PANE		BUFFERS	
MODEL:	Full-height (Column)		Made
FINISH:	Plastic coated steel		-
	(Optional: Stainless steel XO2)	GUIDE RAILS	
	Mechanical, polycarbonate plastic,		Cold-
PUHSBUTTON:	fireproof pushbutton lit using Leds		In acc
	· (Ontional: Machanical stainless staol		Suspe
	(Optional: Mechanical, stainless steel pushbutton with halo lighting)	=>0.00	
CAR INDICATOR:	LCD display	FIXINGS	
	-		Fixing enclo
	(Optional display made up of 2 digits with Leds of 7 segments)		
SAFETY:	Emergency light and telephone	ELECTRICAL FEATURES	
NDING OPERATING I	PANEL	POWER SUPPLY VOLTAGE:	380 \
MODEL:	P001, door frames		220
FINISH:	Stainless steel plate (X02)	LIGHTING VOLTAGE:	220 \
	-	FREQUENCY:	50 Hz

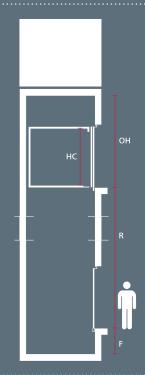
(Optional: Mechanical, stainless steel pushbutton with halo lighting)

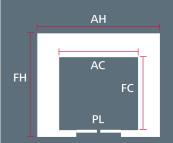
ENGRAVING: Black logo (done with laser)

CONTROLLER	
TYPE:	Vía Serie controller and invertor. Dow collective or Pick-up
	(Opcional: Microbasic)
LOCATION:	In the machine room, located at the to
ELECTRIC INSTALLATIO	N
	Pre-assembled with "Plug & Play" connectors
MACHINE	
WACHINE	
	Gearless. Permanent maGO with thermal protection for motor. Rescue operation: Automatic rescue in addition to emergency electrical operation
BUFFERS	
	Made from polyurethane with a metal pedestal included
GUIDE RAILS	
	Cold-Drawn / Machined
	In accordance with ISO 7465
	Suspended
FIXINGS	
	Fixing brackets and plugs for concrete enclosure
ELECTRICAL FEATURES	
DOW/ED CLIDDLY	



NOTE: Specifications correspond to the basic rate model.





DOUBLE 180° ENTRANCE











	C SERIES (1)											
	MP410GO!C	MP416GO!C	MP610GO!C	MP616GO!C	MP810GO!C	MP816GO!C	MP 1010GO!C	MP 1016GO!C	MP 1310GO!C	MP1316GO!C	MP 1510GO!C	MP1516GO!C
Capacity (persons)	4	4	6	6	8	8	10	10	13 ⁽²⁾	13 ⁽²⁾	15 ⁽²⁾	15 ⁽²⁾
Speed (m/s)	1	1,6	1	1,6	1	1,6	1	1,6	1	1,6	1	1,6
Starts per hour	180	180	180	180	180	180	180	180	180	180	180	180
Power (HP/ kW)	3,4 / 2,5	4,5	4,8/3,5	6,5 / 4,8	6,75 / 5	10,8 / 8	8,1 / 6	17,3 / 12,8	9,5 / 7	17,3 / 12,8	10,8/8	17,3 / 12,8
Current (A)	7,7	11	11	14	14,1	22,8	17,3	34,9	17,6	34,9	21,3	31
Q capacity (kg)	320	320	450/480	450/480	630	630	750 / 800	750 / 800	1000	1000	1125	1125
PL clear opening (mm)	700	700	800	800	800	800	900	900	900	900	1000	1000
AC car width (mm)	1000	1000	1000	1000	1100	1100	1200	1200	1100	1100	1200	1200
FC car depth (mm)	900	900	1250	1250	1400	1400	1500	1500	2100	2100	2150	2150
HC useful internal car height (mm)	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
AH shaft width (mm)	1400	1400	1525	1525	1600	1600	1700	1750	1600	1650	1700	1750
FH shaft depth (mm)	1350	1350	1700	1700	1650	1650	1750	1750	2350	2350	2400	2400
F minimum pit (mm)	1025	1300	1025	1300	1025	1155	1025	1155	1025	1400	1025	1400
OH minimum headroom (mm)	3400	3800	3400	3800	3400	3600	3400	3600	3400	3600	3400	3600
No. ropes x diameter (mm)	5 x 6,5	4 x 8	8 x 6,5	6 x 8	6 x 6,5	6 x 6,5	7 x 6,5	7 x 6,5	8 x 6,5	8 x 6,5	9 x 6,5	9 x 6,5
Max. distance between brackets (mm)	3000	3000	3000	3000	1500 / 3000	3000	1500 / 3000	3000	1500 / 3000	3000	1500 / 3000	3000
Car guide rails (sections of 5 m)	T70-9	T70-9	T70-9 +	T70-9	70 / 65 / 9	90 / 75 / 16	70/70/9	90 / 75 / 16	70 / 70 / 9	90 / 75 / 16	89 / 62 / 16	90 / 75 / 16
Counterweight guide rails (sections of 5 m)	T45-5	T70-9	T45-5	T70-9	50 / 50 / 5	70 / 70 / 9	65 / 54 / 8	70 / 70 / 9	70 / 70 / 9	70 / 70 / 9	70 / 70 / 9	70/70/9
Suspension	1:1	1:1	1:1	1:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Design dossier	E04	E05	E04	E05	ACIN3 2010	ACIN3 2010	ACIN3 2010	ACIN3 1000	ACIN3 2010	ACIN3 1000	ACIN3 2010	ACIN3 1000







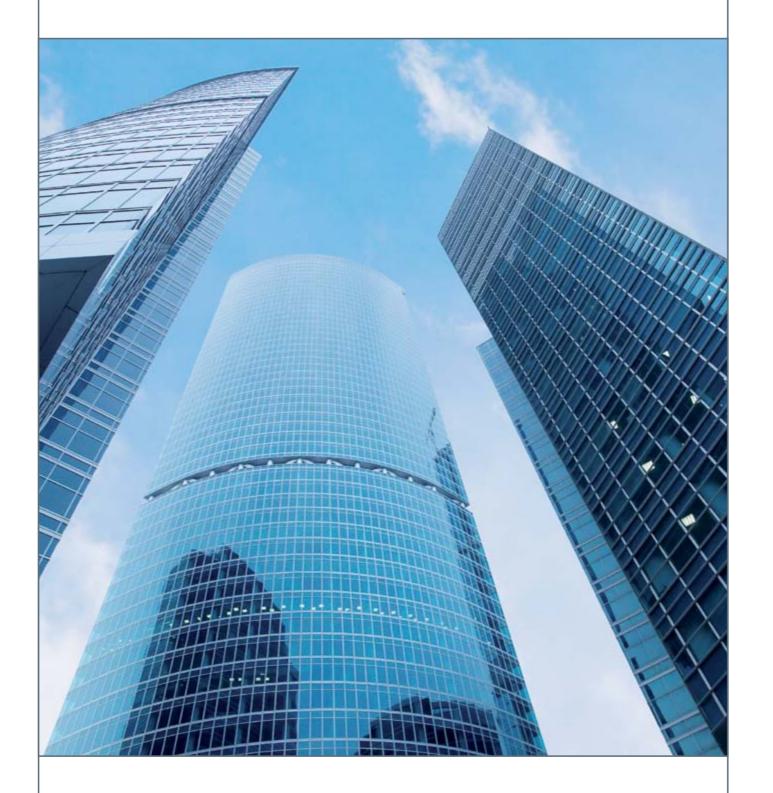




⁽¹⁾ The values included in this table correspond to pre-established conditions and may be modified, according to the specific characteristics of each installation.

⁽²⁾ For MP PASSENGER range, series D and C car interior designs. For MP GLASS range, counterweight safety gear, model MP GO! Mega XS.









Speed and efficiency Maximum speed. Minimum waiting time.

High performance

A high-level solution for high-rise buildings. That's what MPGO! One is, MP's gearless technology answer for buildings requiring a speed higher than the standard one.

MPGO! One is aimed at providing a solution for buildings with long vertical run and high traffic, where the travel times and the waiting times at floor of passengers have to be reduced. Therefore, its speed reaches 2.5 m/s, in comparison to the standard 1m/s.

With machine rooms and machine room less





TYPE: Gearless lift

CAPACITY: 8 to 33 persons SPEED: 2,5 m/s

LOAD: 630 kg to 2500 kg

FINISH: Acabado inoxidable (X02)

Ver tabla x 2000 mm

(Optional: other heights)

HEIGHT: 2100 mm

SUSPENSION: 2:1

STOPS:

SERIES:

MODEL:

EXTERIOR

DIMENSIONS:

DIMENSIONS:

ENTRANCES:

TRAVEL RANGE:

FEATURES

)ne		

	FIRE
Gearless lift	SHAFT
2:1	
630 kg to 2500 kg	
8 to 33 persons	
. 2,5 m/s	
Up to 75 m (S series)	
Up to 100 m (C series)	CAR O
25 stops (S series) 32 stops (C series)	
Single entrance, double 180° entrance	
"S" Machine room less "C" With a machine room	
C With a machine room	
C-400 with single beam photocell	
(Optional: curtain photocell)	
Jamb arrow direction	
(Optional: other car models, see	
catalogues) -	
See table	
2100 mm	LANDI
(Optional: other heights)	2
Automatic: 2 side-opening panels, 2 / 4 centre-opening panels. 3VF	
(Opcional: otros modelos)	
Acabado inoxidable (X02)	
Vor tabla v 2000 mm	

LANDING DOORS	
TYPE:	Automatic: 2 side-opening panels, 2 / 4 centre-opening panels
	(Optional: other models)
FINISH:	Epoxy RAL 7044
DIMENSIONS:	See table x 2000 mm
	(Optional: other heights)
FIRE CLASSIFICATION:	E120, EW60 according to EN 81-58
	(Optional: other classifications)
SHAFT	
DIMENSIONS:	See table
PIT:	See table
HEADROOM:	See table
CAR OPERATING PANEL	
MODEL:	Full-height (Column)
FINISH:	Stainless steel (XO2)
FINISH: PUHSBUTTON:	Stainless steel (XO2) Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds
	Mechanical, polycarbonate plastic, fireproof pushbutton lit using
	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel
PUHSBUTTON:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)
PUHSBUTTON:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) LCD display (Optional: Display gráfico, a color o
PUHSBUTTON: CAR INDICATOR:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) LCD display (Optional: Display gráfico, a color o multimedia)
PUHSBUTTON: CAR INDICATOR:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) LCD display (Optional: Display gráfico, a color o multimedia) Emergency light and telephone
PUHSBUTTON: CAR INDICATOR: SAFETY:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) LCD display (Optional: Display gráfico, a color o multimedia) Emergency light and telephone
PUHSBUTTON: CAR INDICATOR: SAFETY: LANDING OPERATING P	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) LCD display (Optional: Display gráfico, a color o multimedia) Emergency light and telephone
PUHSBUTTON: CAR INDICATOR: SAFETY: LANDING OPERATING P MODEL:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) LCD display (Optional: Display gráfico, a color o multimedia) Emergency light and telephone

ENGRAVING: Black logo (done with laser)

CONTROLLER	
TYPE:	Vía Serie controller and invertor. Down collective or Pick-up
LOCATION:	Cabinet located at top floor for "S" series Inside the machine room located at the top for "C" series Epoxy finish

ELECTRIC INSTALLATION Pre-assembled with "Plug & Play" connectors MACHINE Gearless. Permanent maGO with thermal protection for motor. Rescue operation: manual by means of unbalanced load

BUFFERS	
	Hydraulic with a metal pedestal included
GUIDE RAILS	
	Cold-Drawn / Machined
	In accordance with ISO 7465
FIXINGS	

380 V three-phase

	• • • • • • • • • • • • • • • • • • • •	
Cold-Drawn / Machined		A11
In accordance with ISO 7465	_	AH
		<u></u>
		AC
Fixing brackets and plugs for concrete enclosure	FH	FC
		PL
290 V/ throo-phaco		

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STANDARD ENTRANCE



NCE

NOTE: Specifications correspond to the basic rate model

ELECTRICAL FEATURES

POWER SUPPLY VOLTAGE:

LIGHTING VOLTAGE: 220 V

FREQUENCY: 50 Hz

CAR DOORS



	S and C SERIES									
	MP 825GO	MP 1025GO	MP1325GO	MP 1625GO	MP2125GO	MP2625GO	MP3325GO			
Capacity (persons)	8	10	13	16	21	26	33			
Speed (m/s)	2,5	2,5	2,5	2,5	2,5	2,5	2,5			
Starts per hour	180	180	180	180	180	180	180			
Power (HP)	17,4	17,7	27,2	43,5	43,5	57,1	57,1			
Rated current (A)	31	33	53	80	80	103	103			
Q capacity (kg)	630	800	1000	1250	1600	2000	2500			
PL clear opening (mm) (1)	(T2) 900	(C2) 900	(C2) 900	(C2) 1000	(C4)1300	(C4) 1400	(C4) 1400			
AC car width (mm)	1100	1350	1400	1500	1700	2000	2000			
FC car depth (mm)	1400	1400	1600	1800	2000	2100	2500			
HC useful internal car height (mm)	2100	2100	2100	2100	2100	2100	2100			
AH shaft width (mm)	AH shaft width (mm) 1850 2050		2100	2250	2500	2800	2800			
FH shaft depth (mm)	1700	1700 1700		2100	2300	2400	2800			
PL clear opening (mm) (1)	(T2) 900	(T2) 900	(T2) 900	(T2) 1000	(C4) 1300	(C4) 1300	(C4) 1300			
AC car width (mm)	1250	1200	1100	1200	1400	1500	1800			
FC car depth (mm)	1250	1500	2100	2400	2400	2700	2700			
HC useful internal car height (mm)	2100	2100	2100	2100	2100	2100	2100			
AH shaft width (mm)	2000	1950	1850	1950	2250	2250	2550			
FH shaft depth (mm)	1650	1800	2400	2700	2700	3000	3000			
F pit (mm)	1700	1700	1700	1700	1700	1700	1700			
OH headroom: S series / C series (mm)	5100 / 4100	5100 / 4100	5100 / 4100	5100 / 4100	5100 / 4100	5100 / 4100	5100 / 4100			
No. ropes x diameter (mm)	4 x 10	4 x 10	4 x 10	5 x 10	6 x 10	7 x 10	8 x 10			
Distance between guide rails (mm)	AC+200	AC+200	AC+200	AC+200	AC+200	AC+200	AC+200			
Distance between brackets (mm)	3000	3000	3000	3000	3000	3000	3000			
Car guide rails (sections of 5 m)	120/76/9	120/76/9	125/82/16	125/82/16	125/82/16	125/82/16	127/89/16			
Counterweight guide rails (sections of 5 m)	82/68/9	82/68/9	82/68/9	82/68/9	82/68/9	82/68/9	82/68/9			
Suspension	2:1	2:1	2:1	2:1	2:1	2:1	2:1			
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete			

OPTIONAL: Speed of 2 m/s (MP_20GO!) For 180° double entrance: FH + 75 mm Shaft depths with 30 mm door overhang

(1) Depending on the opening type: T2, C2 or C4.

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





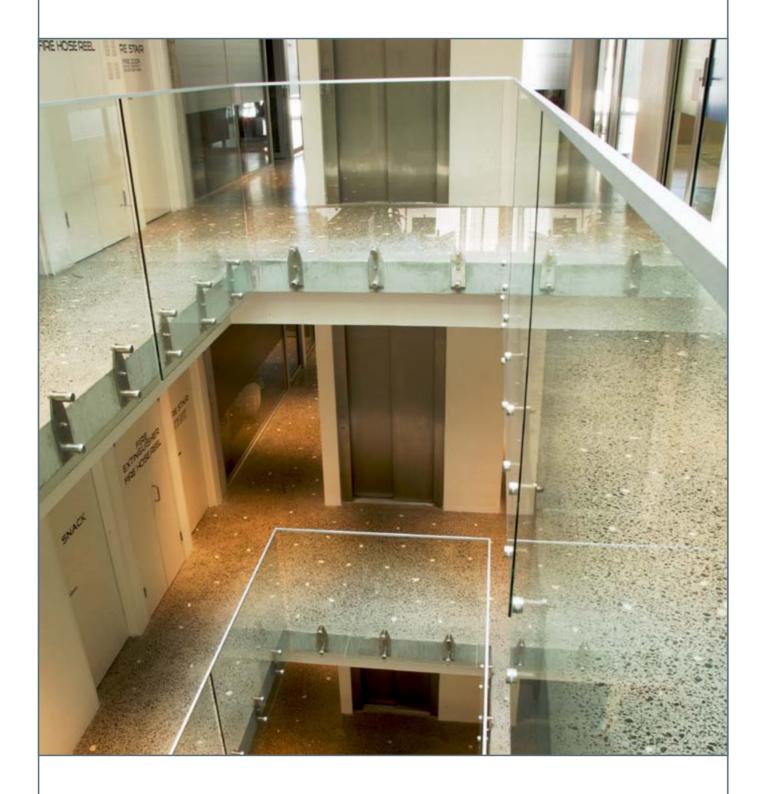














MP|V



Electric technology

With electric technology and a geared machine, the MP V has machine rooms to make easier the maintenance works.

The proven versatility and the easy maintenance turn it into a reliable, efficient and economical lift.

Versatility and reliability



FEATURES	
TYPE:	Electric lift
LOAD:	320 kg to 3000 kg
CAPACITY:	4 to 40 persons
SPEED:	1 m/s and 1.6 m/s
SUSPENSION:	1:1 and 2:1
TRAVEL RANGE:	Up to 45 m
STOPS:	16 stops
ENTRANCES:	Single entrance, double 180° entrance
SERIES:	"C" With a machine room
CAR	
MODEL:	D-100 with single beam photocell
	(Optional: curtain photocell)
	Jamb arrow direction
	(Optional: other car models, see catalogues)
EXTERIOR DIMENSIONS:	See table
HEIGHT:	2100 mm.
	(Optional: other heights)
CAR DOORS	
TYPE:	Automatic: 2 side-opening panels. 3VF
	(Optional: other models)
FINISH:	Stainless steel (X02)

DIMENSIONS: See table x 2000 mm

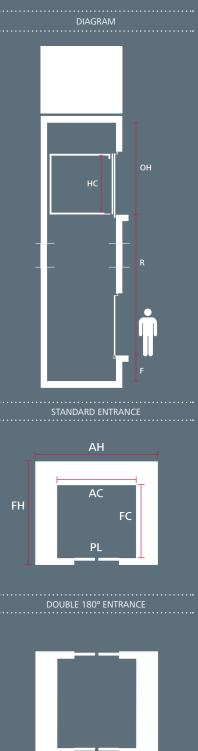
(Optional: other heights)

LANDING DOORS	
TYPE:	Automatic: 2 side-opening panels
	(Optional: other models)
FINISH:	Epoxy RAL 7044
DIMENSIONS:	See table x 2000 mm
	(Optional: other heights)
FIRE CLASSIFICATION:	E120, EW60 according to EN 81-58
	(Optional: other classifications)
CHAFT	
SHAFT	Contable
DIMENSIONS:	See table
PIT:	See table
CAR OPERATING PANEL	
MODEL:	Full-height
FINISH:	Plastic coated steel
	(Optional: Stainless steel XO2)
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
	(Opcional: LCD display)
SAFETY:	Emergency light and telephone
Landing operating P/	ANEL
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: Vía Serie)
LOCATION:	In the machine room, located at the top.
ELECTRIC INSTALLATION	
	Pre-assembled with "Plug & Play" connectors
MACHINE	
	Worm-ring reducer
	Rescue operation: manual, directly on the machine.
BUFFERS	
	Made from polyurethane with a metal pedestal included
GUIDE RAILS	
	Cold-Drawn / Machined
	In accordance with ISO 7465
	Suspended
FIXINGS	
	Fixing brackets and plugs for concrete enclosure.
ELECTRICAL FEATURES	
POWER SUPPLY VOLTAGE:	380 V three-phase
LIGHTING VOLTAGE:	220 V
FREQUENCY:	50 Hz
	(Optional: 60 Hz)

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



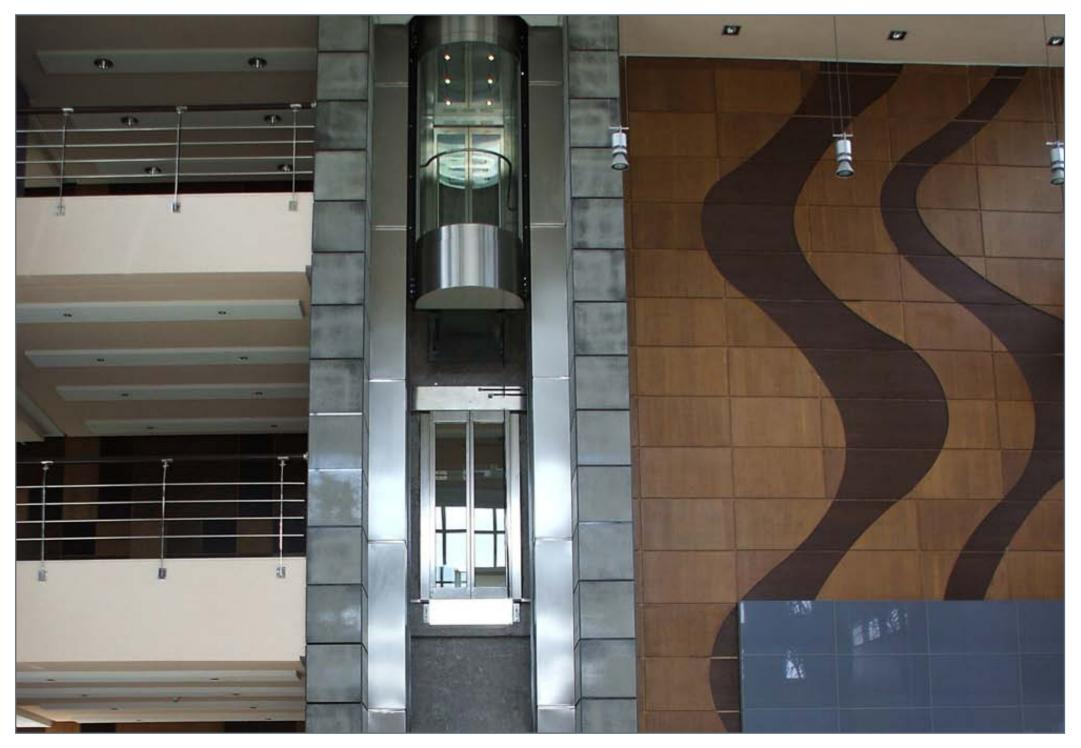


							C SERIES						
	MP410V	MP610V	MP616V	MP810V	MP816V	MP1010V	MP1016V	MP 1310V	MP 1316V	MP1710V	MP1716V	MP 2110V	MP2116V
Capacity (persons)	4	6	6	8	8	10	10	13	13	17	17	21	21
Speed (m/s)	1	1	1,6	1	1,6	1	1,6	1	1,6	1	1	1	1,6
Starts per hour	120	120	120	120	120	180	180	180	180	180	180	180	180
Power (HP/kW)	5,5 / 4	7,5 / 5,5	12 / 8,9	9,5 / 7	16 / 11,9	12 / 8,9	19 / 14,1	16 / 11,9	25 / 18,6	18 / 13,4	20 / 14,9	21,8 / 16,2	27,2 / 20,2
Q capacity (kg)	320	450 / 480	450 / 480	630	630	750 / 800	750 / 800	1000	1000	1275	1275	1600	1600
PL clear opening (mm)	700	800	800	800	800	900	900	900	900	900	900	1300	1300
AC external car width (mm)	1000	1000	1000	1100	1100	1350	1350	1100	1100	1200	1200	1700	1700
FC external car depth (mm)	900	1200/1250	1200/1250	1400	1400	1400	1400	2100	2100	2300	2300	2000	2000
HC useful car height (mm)	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
AH shaft width (mm)	1400	1525	1525	1550	1550	1800	1800	1750	1750	1800	1800	2500	2500
FH shaft depth (mm)	1350	1700	1700	1850	1850	1850	1850	2350	2350	2600	2600	2300	2300
F pit (mm)	1025	1025	1300	1025	1300	1025	1300	1025	1400	1025	1400	1400	1500
OH headroom (mm) (1)	3400	3400	3600	3400	3600	3400	3600	3400	3600	3400	3600	3400	3600
No. ropes x diameter (mm)	3 x 10	4 x 10	4 x 10	6 x 10	6 x 10	6 x 10	6 x 10	6 x 12	6 x 12	6 x 12	6 x 12	8 x 12	8 x 12
Distance between guide rails (mm)	1150	1150	1150	1250	1250	1500	1500	1250	1250	1350	1350	1900	1900
Max. distance between brackets (mm)	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Car guide rail (sections of 5 m)	T70-9	T70-9	T70-9	T90-16	T90-16	T90-16	T90-16	T90-16	T90-16	T125-16	T125-16	T125-16	T125-16
Counterweight guide rail (sections of 5 m)	T45-5	T45-5	T45-5	T45-5	T45-5	T45-5	T45-5	T45-5	T45-5	T65-8	T65-8	T65-8	T65-8
Suspension	1:1	1:1	1:1	1:1	1:1	1:1	1:1	1:1	1:1	1:1	1:1	2:1	2:1
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Design dossier	E04	E04	E05	E04	E05	E04	E05	E04	E05	E04	E05	E09	E09

(1) Minimum headroom in accordance with EN 81-1 (without applying compensatory safety measures)

NOTES:

- For a speed of 1.6 m/s and compliance with A3 Amendment. Please consult feasibility.
- The values included in this table correspond to pre-established conditions and may be modified, according to the specific characteristics of each installation.



HC Car height



	C SERIES					
	MP2610V	MP2616V	MP3310V	MP 3316V	MP4010V	MP 4016V
Capacity (persons)	26	26	33	33	40	40
Speed (m/s)	1	1.6	1	1.6	1	1.6
Starts per hour	120	120	120	120	120	120
Power (HP)	24.5	40.8	28	40.8	28.5	50.3
Nominal Intensity (A)	36	64	36	64	49	76
Q capacity (kg)	2000	2000	2500	2500	3000	3000
PL clear opening (mm) (1)	1400	1400	1400	1400	1400	1400
AC car width (mm)	2000	2000	2000	2000	2100	2100
FC car depth (mm)	2100	2100	2500	2500	2700	2700
HC useful car height (mm)	2100	2100	2100	2100	2100	2100
AH shaft width (mm)	2950	2950	2950	2950	3050	3050
FH shaft depth (mm)	2400	2400	2800	2800	3000	3000
PL clear opening (mm) (2)	1300	1300	1300	1300	1300	1300
AC car width (mm)	1500	1500	1800	1800	1900	1900
FC car depth (mm)	2700	2700	2700	2700	3000	3000
HC useful car height (mm)	2100	2100	2100	2100	2100	2100
AH shaft width (mm)	2450	2450	2750	2750	2850	2850
FH shaft depth (mm)	3000	3000	3000	3000	3300	3300
F pit (mm)	1400	1500	1400	1500	1400	1500
OH headroom (mm) (3)	3600	3700	3600	3700	3600	3700
No. ropes x diameter (mm)	8 x 10	8 x 10	6 x 12	6 x 12	8 x 12	8 x 12
Distance between brackets (mm)	3000	3000	3000	3000	2500	2500
Car guide rail (sections of 5 m)	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16
Counterweight guide rail (sections of 5 m)	65/54/8	65/54/8	70/65/9	70/65/9	70/65/9	70/65/9
Suspension	2:1	2:1	2:1	2:1	2:1	2:1
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Design dossier	E-09	E-09	E-09	E-09	E-09	E-09

For double 180° entrance: FH + 75 mm

Shaft depths with 30 mm door overhang

(1) Door type C4

(3) Minimum headroom in accordance with EN 81-1 (without applying compensatory safety measures)

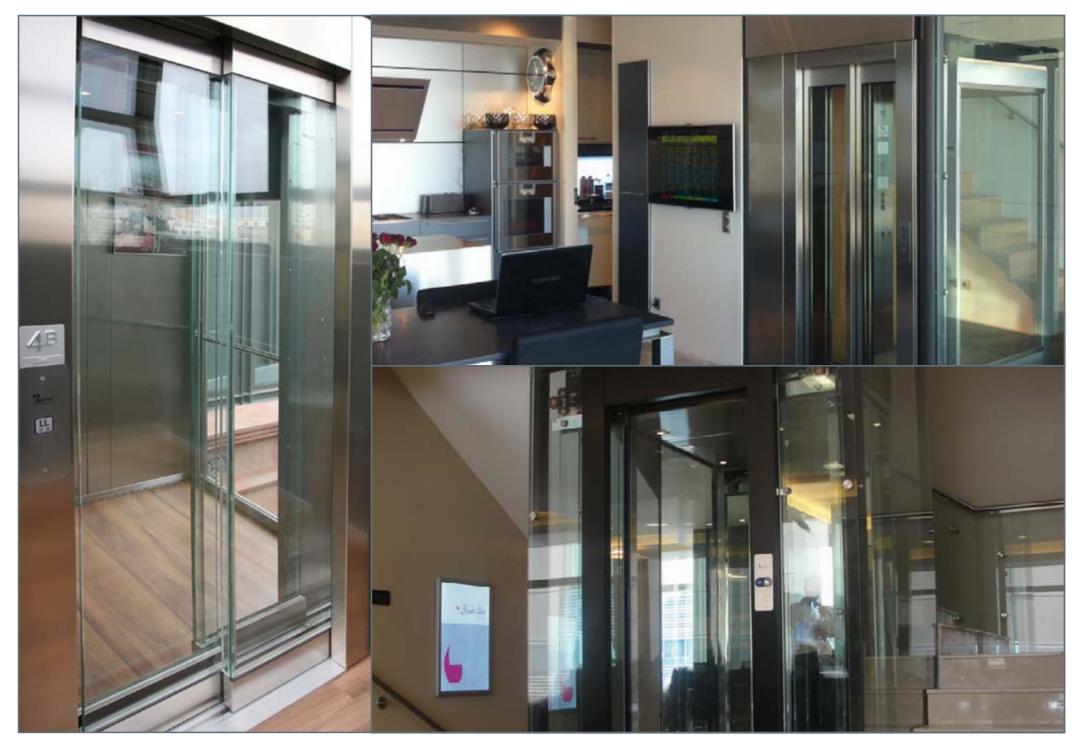
FH Shaft depth

AC Car width

NOTES:

⁻ For a speed of 1.6 m/s and compliance with A3 Amendment. Please consult feasibility.
- The values included in this table correspond to pre-established conditions and may be modified, according to the specific characteristics of each installation.









MP|H



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





FEATURES	
TYPE:	Hydraulic lift
LOAD:	320 kg to 6500 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	
3	
MODEL:	D-100 with single beam photocell
MODEL:	D-100 with single beam photocell (Optional: curtain photocell)
MODEL:	
MODEL:	(Optional: curtain photocell)
MODEL: EXTERIOR DIMENSIONS:	(Optional: curtain photocell) Jamb arrow direction (Optional: other car models, see
EXTERIOR	(Optional: curtain photocell) Jamb arrow direction (Optional: other car models, see catalogues)
EXTERIOR DIMENSIONS:	(Optional: curtain photocell) Jamb arrow direction (Optional: other car models, see catalogues) See table 2.100 mm
EXTERIOR DIMENSIONS: HEIGHT:	(Optional: curtain photocell) Jamb arrow direction (Optional: other car models, see catalogues) See table 2.100 mm
EXTERIOR DIMENSIONS: HEIGHT: CAR DOORS	(Optional: curtain photocell) Jamb arrow direction (Optional: other car models, see catalogues) See table 2.100 mm (Optional: other heights) Automatic: 2 side-opening panels. 3VF From 2000 kg on, 4-centre opening

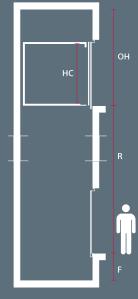
DIMENSIONS: See table x 2.000 mm

(Optional: other heights)

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: (Optional: Stainless steel XO2) 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 (Opcional: LCD display) SAFETY: Emergency light and telephone LANDING OPERATING PANEL MODEL: P001, door frames FINISH: Stainless steel plate (X02) PUHSBUTTON: fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) BIANDING OPERATING PANEL MODEL: P001, door frames FINISH: Stainless steel plate (X02) PUHSBUTTON: fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) ENGRAVING: Black logo (done with laser)	LANDING DOORS	
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: (Optional: Stainless steel XO2) 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 (Opcional: LCD display) SAFETY: Emergency light and telephone LANDING OPERATING PANEL MODEL: P001, door frames FINISH: Stainless steel plate (XO2) PUHSBUTTON: Mechanical, polycarbonate plastic, fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)		From 2000 kg on, 4-centre opening
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: (Optional: Stainless steel XO2) 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 (Opcional: LCD display) SAFETY: Emergency light and telephone LANDING OPERATING PANEL MODEL: P001, door frames FINISH: Stainless steel plate (XO2) PUHSBUTTON: Mechanical, polycarbonate plastic, fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)		(Optional: other models)
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: (Optional: Stainless steel XO2) 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 (Opcional: LCD display) SAFETY: Emergency light and telephone LANDING OPERATING PANEL MODEL: P001, door frames FINISH: Stainless steel plate (XO2) PUHSBUTTON: Mechanical, polycarbonate plastic, fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)	FINISH:	Epoxy RAL 7044
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: (Optional: Stainless steel XO2) 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 (Opcional: LCD display) SAFETY: Emergency light and telephone LANDING OPERATING PANEL MODEL: P001, door frames FINISH: Stainless steel plate (X02) PUHSBUTTON: fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)	DIMENSIONS:	See table x 2.000 mm
(Optional: other classifications) SHAFT DIMENSIONS: See table PIT: See table HEADROOM: See table CAR OPERATING PANEL MODEL: Full-height FINISH: (Optional: Stainless steel XO2) 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 (Opcional: LCD display) SAFETY: Emergency light and telephone LANDING OPERATING PANEL MODEL: P001, door frames FINISH: Stainless steel plate (XO2) PUHSBUTTON: fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)		(Optional: other heights)
DIMENSIONS: See table PIT: See table HEADROOM: See table CAR OPERATING PANEL MODEL: Full-height FINISH: Plastic coated steel (Optional: Stainless steel XO2) 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 (Opcional: LCD display) SAFETY: Emergency light and telephone LANDING OPERATING PANEL MODEL: P001, door frames FINISH: Stainless steel plate (X02) Mechanical, polycarbonate plastic, fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)	FIRE CLASSIFICATION:	E120, EW60 according to EN 81-21
PIT: See table PIT: See table HEADROOM: See table CAR OPERATING PANEL MODEL: Full-height FINISH: (Optional: Stainless steel XO2) 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 (Opcional: LCD display) SAFETY: Emergency light and telephone LANDING OPERATING PANEL MODEL: P001, door frames FINISH: Stainless steel plate (X02) PUHSBUTTON: fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)		(Optional: other classifications)
PIT: See table HEADROOM: See table CAR OPERATING PANEL MODEL: Full-height FINISH: (Optional: Stainless steel XO2) 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 (Opcional: LCD display) SAFETY: Emergency light and telephone LANDING OPERATING PANEL MODEL: P001, door frames FINISH: Stainless steel plate (X02) PUHSBUTTON: fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)	SHAFT	
HEADROOM: See table CAR OPERATING PANEL MODEL: Full-height Plastic coated steel (Optional: Stainless steel XO2) 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 or 7 segments (Opcional: LCD display) SAFETY: Emergency light and telephone LANDING OPERATING PANEL MODEL: P001, door frames FINISH: Stainless steel plate (X02) PUHSBUTTON: fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)	DIMENSIONS:	See table
CAR OPERATING PANEL MODEL: Full-height FINISH: Plastic coated steel (Optional: Stainless steel XO2) 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 (Opcional: LCD display) SAFETY: Emergency light and telephone LANDING OPERATING PANEL MODEL: P001, door frames FINISH: Stainless steel plate (X02) PUHSBUTTON: fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)	PIT:	See table
MODEL: Full-height FINISH: Plastic coated steel (Optional: Stainless steel XO2) 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 or 7 segments (Opcional: LCD 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)	HEADROOM:	See table
FINISH: Plastic coated steel (Optional: Stainless steel XO2) 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 or 7 segments (Opcional: LCD display) SAFETY: Emergency light and telephone LANDING OPERATING PANEL MODEL: P001, door frames FINISH: Stainless steel plate (X02) PUHSBUTTON: fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)	CAR OPERATING PANE	l .
PUHSBUTTON: 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 (Opcional: LCD display) SAFETY: Emergency light and telephone LANDING OPERATING PANEL MODEL: PO01, door frames FINISH: Stainless steel plate (X02) Mechanical, polycarbonate plastic, fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)	MODEL:	Full-height
PUHSBUTTON: 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 (Opcional: LCD 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)	FINISH:	
pushbutton with halo lighting) CAR INDICATOR: Display made up of 2 digits with Leds of 7 segments (Opcional: LCD 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)	PUHSBUTTON:	fireproof pushbutton lit using
CAR INDICATOR. 7 segments (Opcional: LCD 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)		
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)	CAR INDICATOR:	
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)		- (Opcional: LCD display)
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)	SAFETY:	- Emergency light and telephone
FINISH: Stainless steel plate (X02) PUHSBUTTON: Mechanical, polycarbonate plastic, fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)	LANDING OPERATING	PANEL
PUHSBUTTON: Mechanical, polycarbonate plastic, fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)	MODEL:	P001, door frames
fireproof pushbutton lit up with Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting)	FINISH:	Stainless steel plate (X02)
pushbutton with halo lighting)	PUHSBUTTON:	
ENGRAVING: Black logo (done with laser)		
	ENGRAVING:	Black logo (done with laser)

CONTROLLER	
TYPE:	Microbasic controller. Down collective or universal.
	(Optional: Via Serie)
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 INSTALLATIO	N
	Pre-assembled with "Plug & Play" connectors
HYDRAULIC POWER UN	IIT
	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
BUFFERS	
	Made from polyurethane with a metal pedestal included
GUIDE RAILS	
GUIDE RAILS	Cold-Drawn / Machined
GUIDE RAILS	Cold-Drawn / Machined In accordance with ISO 7465
FIXINGS	
	In accordance with ISO 7465 Fixing brackets and plugs for concrete
FIXINGS	In accordance with ISO 7465 Fixing brackets and plugs for concrete
FIXINGS ELECTRICAL FEATURES	In accordance with ISO 7465 Fixing brackets and plugs for concrete enclosure
FIXINGS ELECTRICAL FEATURES	In accordance with ISO 7465 Fixing brackets and plugs for concrete enclosure 380 V three-phase (Optional: 380 V, 400 V, 415 V
FIXINGS ELECTRICAL FEATURES VOLTAGE:	Fixing brackets and plugs for concrete enclosure 380 V three-phase (Optional: 380 V, 400 V, 415 V three-phase, 220 V single-phase)





STANDARD ENTRANCE





TRIPLE ENTRANCE





			S SERIES		
	MP 406H	MP 606H	MP 806H	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)	1050	1050	1050	1400	1400
OH headroom (mm)	3600	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	T90-16	T90-16	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 entrance R Travel range

	C SERIES							
	MP 406H	MP606H	MP806H	MP 1005H	MP 1305H	MP1605H	MP 2005H	MP 2105H
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 especific 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 entrance R Travel range



					C SERIES					
	MP 2605H	MP3305H	MP 4005H	MP 4605H	MP 5305H	MP 6005H	MP 6605H	MP 7304H	MP 8004H	MP 8604H
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 overhang NOTE: The values included in this table correspond to pre-established conditions and may be modified, according to the especific characteristics of each installation.

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

KEY AH Shaft width FH Shaft depth





















MP H S IN





Installations

Reliable versatility

Hydraulic lifts

The versatility of the hydraulic lift, which is aimed at optimising space outside the lift's shaft.

With the MP H S IN, the power unit is located in the shaft and no other component belonging to the lift needs to be housed outside this area.

Passenger rescue and commissioning operations are all done from the controller (on the lowest floor).

High degree of optimisation in terms of existing space.

MP H S IN INTEGRATED INTO THE BUILDING

Ideal for buildings which do not have a machine room or do not have space to house the MP pro-eco.

Designed to comply with the most recent and demanding safety regulations.

The manual SAB system provides a virtual safety space during maintenance work.

Automatic passenger rescue from outside the shaft.

MP H S IN is a silent and comfortable lift both for residents and passengers.

The power unit has a waterproof window, meaning all the oil does not have to be emptied out for work to be done on the motor.

It includes devices to mitigate noise from the motor.

APPLICABLE STANDARDS:

VDI 2566-2:2004 Acoustic design for machine room less lifts. (German standard).

It has options to reduce energy consumption and improve efficiency (soft starter, electronic valve, ecological oil).

SOUND LEVEL INSIDE THE CAR VALUES WHICH MP H S IN OFFERS:

Sound level inside the car: 52 +/- 3 dB (A)





FEATURES	
TYPE:	Hydraulic lift
LOAD:	300 kg to 1000 kg
CAPACITY:	4 to 13 persons
SPEED:	0.63 m/s (Optional: 0.4 m/s, 0.52 m/s and 1 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 room less (IN with hydraulic powr unit into the shaft)
SOUND LEVEL:	Inside the car, 52 +/- dB(A)

CAR	
MODEL:	D-100 with single beam photocell
	Jamb arrow direction
	(Optional: other car models, see catalogues)
EXTERIOR DIMENSIONS:	See table
HEIGHT:	2100 mm
	(Optional: other heights)

CAR DOORS	
TYPE:	Automatic: 2 side-opening panels. 3VF
	(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 ACCORDING TO EN 81-51::	E120, EW60
	(Optional: other classifications)
SHAFT	
DIMENSIONS:	See table
PIT:	See table
HEADROOM:	See table
CAR OPERATING PANEL	
CAR OPERATING PANEL	L
CAR OPERATING PANEL	L Full-height
CAR OPERATING PANEL	Full-height Plastic coated steel
CAR OPERATING PANEL MODEL: FINISH:	Full-height Plastic coated steel (Optional: Stainless steel XO2) Mechanical, polycarbonate plastic, fireproof pushbutton lit using
CAR OPERATING PANEL MODEL: FINISH:	Full-height Plastic coated steel (Optional: Stainless steel XO2) Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel
CAR OPERATING PANEL MODEL: FINISH: PUHSBUTTON:	Full-height Plastic coated steel (Optional: Stainless steel XO2) Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) Display made up of 2 digits with Leds of
CAR OPERATING PANEL MODEL: FINISH: PUHSBUTTON:	Full-height Plastic coated steel (Optional: Stainless steel XO2) Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) Display made up of 2 digits with Leds of 7 segments
CAR OPERATING PANEL MODEL: FINISH: PUHSBUTTON: CAR INDICATOR:	Full-height Plastic coated steel (Optional: Stainless steel XO2) Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) Display made up of 2 digits with Leds of 7 segments (Opcional: LCD display) Emergency light and telephone
CAR OPERATING PANEL MODEL: FINISH: PUHSBUTTON: CAR INDICATOR: SAFETY:	Full-height Plastic coated steel (Optional: Stainless steel XO2) Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) Display made up of 2 digits with Leds of 7 segments (Opcional: LCD display) Emergency light and telephone
CAR OPERATING PANEL MODEL: FINISH: PUHSBUTTON: CAR INDICATOR: SAFETY: LANDING OPERATING I	Full-height Plastic coated steel (Optional: Stainless steel XO2) Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) Display made up of 2 digits with Leds of 7 segments (Opcional: LCD display) Emergency light and telephone

Mechanical, polycarbonate plastic, fireproof pushbutton lit up with Leds

(Optional: Mechanical, stainless steel pushbutton with halo lighting)

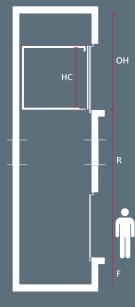
ENGRAVING: Black logo (done with laser)

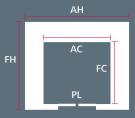
PUHSBUTTON:

CONTROLLER	
TYPE:	Microbasic controller. Down collective or universal.
	(Optional: Via Serie)
LOCATION:	Electrical cabinet for "S" series; stainless steel finish.
	Next to the landing door of the lowest level.
ELECTRIC INSTALLATIO	N
	Pre-assembled with "Plug & Play" connectors
HYDRAULIC POWER UN	NIT
SITUATION:	Into the pit HSIN model
	Manometer - Motor thermistor Thermal contact for oil
	Electromechanical block of valves MP sava3
	(Optional: Blocks solenoid MP b)
	Automatic rescue
JACK	
	In 1 section up to 9800 mm travel range, in 2 sections from 9800 mm upwards
BUFFERS	
	Made from polyurethane with a metal pedestal included
GUIDE RAILS	
	Cold-Drawn / Machined
	In accordance with ISO 7465
FIXINGS	
	Fixing brackets and plugs for concrete enclosure
ELECTRICAL FEATURES	
POWER SUPPLY VOLTAGE:	400 V three-phase
	(Optional: 415 V three-phase, 220 V single-phase)
LIGHTING VOLTAGE:	220 V
FREQUENCY:	50 Hz.
	(Opcional: 60 Hz)

NOTE: Specifications correspond to the basic rate model.









TRIPLE ENTRANCE



	S SERIES S							
	MP406H S IN	MP606H S IN	MP806H S IN	MP 1006H S IN	MP1306H S IN			
Capacity (persons)	4	6	8	10	13			
Speed (m/s)	0,63	0,63	0,63	0,63	0,63			
Starts per hour	60	60	60	60	60			
Power (HP/ kW)	10,5 / 7,7	13 / 9,5	15 / 11	17,5 / 13	22 / 16.4			
Rated current (A)*	17,5	21,8	25	29,7	35			
Q capacity (kg)	320	450 / 480	630	750 / 800	1000			
PL clear opening (mm)	600	800	800	900	900			
AC exterior car width (mm)	700	1000	1100	1350	1100			
FC exterior car depth (mm)	1250	1250	1400	1400	2100			
HC useful car height (mm)	2100	2100	2100	2100	2100			
AH shaft width (mm)	1225	1500	1600	1850	1600			
FH shaft depth (mm)	1560	1550	1700	1700	2400			
F minimum pit (mm) (1)	1004 / 468	1004 / 468	1004 / 468	1004 / 468	1004 / 468			
OH minimum headroom (mm) (1)	3328 / 2960	3328 / 2960	3328 / 2960	3328 / 2960	3328 / 2960			
Nr. ropes and diameter (mm)	4 x 8	4 x 10	4 x 10	4 x 10	4 x 10			
Jack: Number - Position	1 - side	1 - side	1 - side	1 - side	1 - side			
Distance between guide rails of car frame (mm)	1050	1050	1150	1150	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	T90-75-9	T90-75-9			
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete			
Design dossier	MP H S IN	MP H S IN						

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







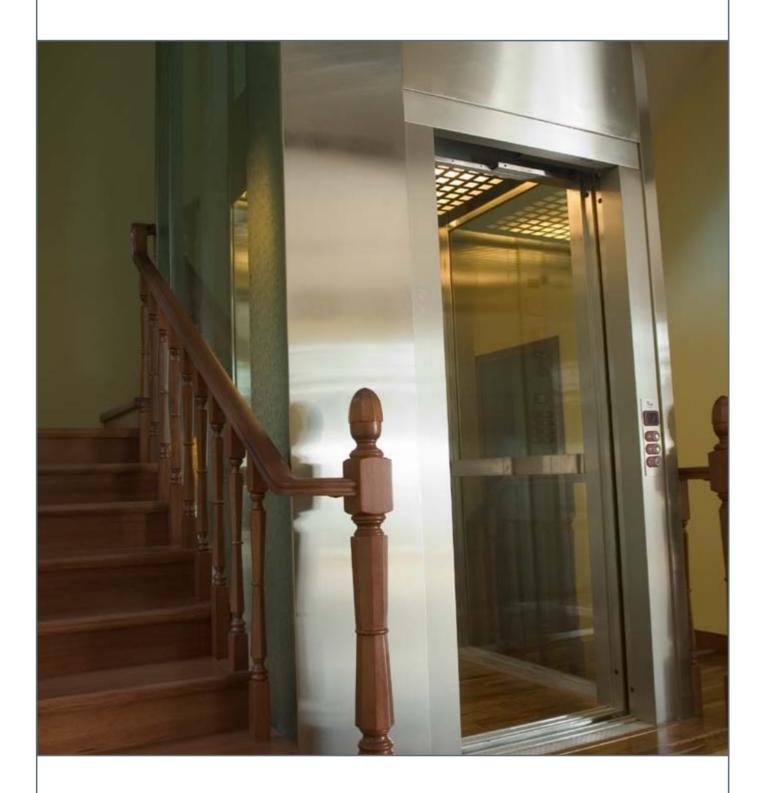






^{*} Current data for 400 V mains voltage. (1) According to EN 81-1 / According to EN 81-21







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





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 roomless
ENTRANCES:	Single entrance, double 180° entrance, double 90° entrance and triple entrance
CAR	
MODEL:	D-100 with single beam photocell
	(Optional: curtain photocell)
	Jamb arrow direction
	(Optional: other car models, see catalogues)
EXTERIOR DIMENSIONS:	See table
HEIGHT:	2100 mm
	(Optional: other heights)
CAR DOORS	
CAR DOORS	
TYPE:	Automatic: 2 side-opening panels. 3VF
	(Optional: other models)
FINISH:	Stainless steel (X02)
DIMENSIONS:	See table x 2000 mm

(Optional: other heights)

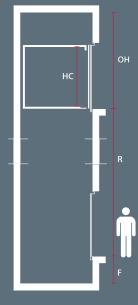
LANDING DOORS	
TYPE:	Automatic: 2 side-opening panels.
	(Optional: other models)
FINISH:	Epoxy RAL 7044
	(Optional: Stainless steel XO2)
DIMENSIONS:	See table x 2000 mm
	(Optional: other heights)
FIRE CLASSIFICATION ACCORDING TO EN 81-51:	E120, EW60
	(Optional: other classifications)
SHAFT	
DIMENSIONS:	See table
PIT:	See table
SAFETY FREE VERTICAL DISTANCE:	See table
CAR OPERATING PANE	
MODEL:	Full-height
FINISH:	Plastic coated steel
	(Optional: Stainless steel (XO2))
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
	(Opcional: LCD 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
	,

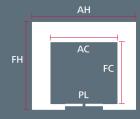
ENGRAVING: Black logo (done with laser)

CONTROLLER	
TYPE:	Microbasic controller. Down collective or universal
	(Optional: Via Serie)
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
	Recommended distance < 10 m
ELECTRIC INSTALLATIO	N
	Pre-assembled with "Plug & Play" connectors
HYDRAULIC POWER UN	NIT
	Manometer - Motor thermistor Thermal contact for oil
	Electromechanical valve block MP sava3
	Manual pump. Oil
	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
GUIDE RAILS	
	Cold-Drawn / Machined
	In accordance with ISO 7465
FIXINGS	
Tivanes	Fixing brackets and plugs for concrete enclosure
ELECTRICAL FEATURES	
POWER SUPPLY VOLTAGE:	380 V three-phase
	(Optional: 380 V , 400 V, 415 V three- phase, 220 V single-phase)
LIGHTING VOLTAGE:	220 V
	50.11
FREQUENCY:	50 Hz
FREQUENCY:	(Optional: 60 Hz)

NOTE: Specifications correspond to the basic rate model.









TRIPLE STANDARD ENTRANCE





	S and C SERIES						
	MP206H ARES	MP306H ARES	MP406H ARES	MP506H ARES	MP606H ARES	MP806H 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	60	60	60	60	60	60	
Power (HP / kW)	8/6	8/6	10. / 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	
PL clear opening (mm)	600	700	700	800	800	800	
AC car width (mm)	700	800	1000	1000	1000	1100	
FC car depth (mm)	800	900	900	1100	1250	1400	
HC useful internal car height (mm)	2100	2100	2100	2100	2100	2100	
AH shaft width (mm)	1060	1160	1400	1360	1400	1500	
FH shaft depth (mm)	1075	1100	1200	1360	1550	1700	
F 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)	4 x 8	4 x 8	4 x 8	4 x 8	4 x 8	4 x 8	
Jack: Number - Position	1 - side	1 - side	1 - side	1 - side	1 - side	1 - side	
Distance between guide rails (mm)	550	550	550	700	700	900	
Max. distance between brackets (mm)	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

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













⁽¹⁾ In accordance with EN 81-1 (without compensatory safety measures) / In accordance with EN 81-21

⁽²⁾ In accordance with EN 81-1 (without compensatory safety measures) / In accordance with EN 81-21 (optional 2475 mm headroom with sliding folding door (Bus))

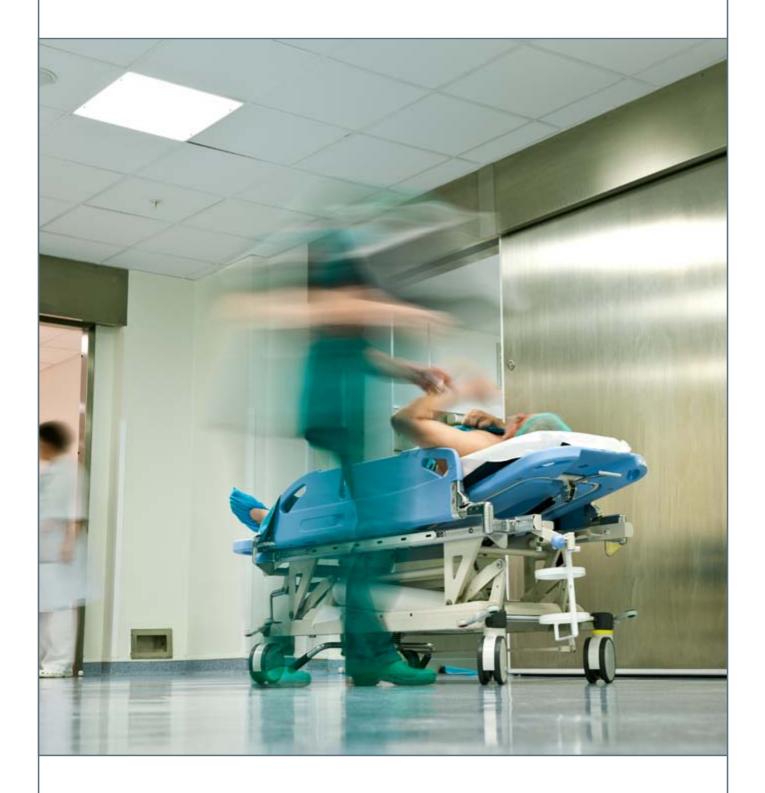














MP|MEDIClift



Vertical transport for stretchers and beds

The work carried out in these buildings involves a series of very specific requirements and specifications to be taken into account when installing a lift.

If, in these cases, size and passenger comfort are important, aspects such as agility, freedom of movement, reliability and hygiene may be quite literally a matter of life or death.

When the response capacity to offer solutions becomes a matter of life or death.





Technology

INNOVATIONS FOR HEALTH

MP MEDIC lift is the optimum solution for the vertical transport of beds and stretchers, whatever the specific needs may be.

The range includes various options which can be adapted to all kinds of requirements such as the usefulness of the product, the space necessary, load capacity and even the accuracy required. Our guidance guarantees you will make the best choice in terms of your requirements. And it goes without response, in compliance with current regulations.

Electric and Impulsion Technology

Choosing between various options in terms of electric / impulsion technology will depend on variables related to the intended use of the lift, such as number of stops, level of traffic, capacity etc.

Making the right choice, in this regard, will provide optimum accuracy for the lift in terms of stop level. This translates into an improved response in terms of performance and comfort.

ELEC	TRIC
H (hydraulic)	G (Gearless)
0,5 m/s	1,0 m/s
	1.6 m/s

MODELS	CAPACITY
CA 60	1000 kg
CR 90	1275 kg
CH 90	1600 kg
CH 100	2000 kg
CH 100-IM	2500 kg

Innovation for health



Cars

OPTIONS FOR INTERNAL FITTINGS

Finishes adapted to each requirement

In terms of the MP MEDIC lift, the car options are much more than simply a question of aesthetics. The finishes have been selected to achieve more practical and long-lasting interiors. They also offer additional advantages in terms of aspects such as hygiene, patient comfort and ease of cleaning. You can choose between three car models, which bring together different options.



WALLS: AISI304.X01 satin-finish stainless steel PROTECTION OF WALLS: Plastic plates

FLOOR: Non-skid rubber in dappled colours / grooved plate

CANOPY: Lighting through florescent tubes.

Car soffit in satin-finish stainless steel xo1, a design which shields

patients' eyes from direct light.

MIRROR: no.

HANDRAILS: 1 tubular handrail at the back SKIRTING AND ENTRANCES: Xo1 stainless steel



WALLS: White K01 plastic coated steel PROTECTION OF WALLS: Plastic plates FLOOR: Non-skid rubber in dappled colours CANOPY: Lighting through florescent tubes. Car soffit in satin-finish stainless steel xo1, a design which shields patients' eyes from direct light. MIRROR: no.

HANDRAILS: 1 tubular handrail at the back SKIRTING AND ENTRANCES: Xo1 stainless steel

CA 60



STRETCHERS WITH A 600 mm REMOVIBLE HANDBAR.

Car width 1100 mm and car depth 2100 mm.

CR 90



BEDS IN RESIDENCES 900X2000 mm.

Car width 1200 mm.
The passenger may only go at the head or at the foot of the bed.

CH90



HOSPITAL BEDS 900X2000 mm.

Car width 1400 mm. This allows a second passenger to go at the side of the bed.

CH 100



HOSPITAL BEDS 1000x2300 mm.

Car width 1500 mm.
This allows passengers to go at the side and at the front of the bed.

CH 100-IM



HOSPITAL BEDS 1000x2300 mm.

Car width 1800 mm. This allows for passengers and medical apparatus.



TYPE: Gearless Lift LOAD: 1000 kg to 2500 kg CAPACITY: 13 to 33 personas

SUSPENSION: 2:1

SERIES:

MODEL:

EXTERIOR

DIMENSIONS:

TRAVEL RANGE:

SPEED: 1 m/s, 1.6 m/s and 2.5 m/s

ENTRANCES: Single entrance, double 180° entrance

"S" Machine room less and "C" with machine room

(Optional: curtain photocell)

(Optional: other car models, see

Jamb arrow direction

(Optional: other heights)

central-opening panels. 3VF

(Optional: other models)

(Optional: other heights)

Automatic: 2 side-opening panels / 4

catalogues)

See table

FINISH: Stainless steel (X02)

DIMENSIONS: See table x 2000 mm

HEIGHT: 2100 mm

Up to 45 m (for a speed of 1 and 1.6

SKANNER with single beam photocell

m/s) and 90 m (for a speed of 2.5 m/s) 16 stops (for a speed of 1 and 1.6 m/s) and 32 stops (for a speed of 2.5 m/s)

FEATURES

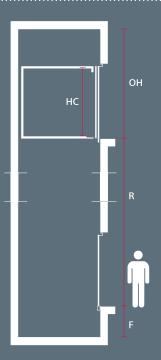
LANDING DOORS	
TYPE:	Automatic: 2 side-opening panels/ 4 central panels. (Optional: other models)
FINISH:	Epoxy RAL 7044
DIMENSIONS:	See table x 2000 mm
	(Optional: other heights)
FIRE CLASSIFICATION:	E120, EW60 according to EN 81-58
	(Optional: other classifications)
SHAFT	
DIMENSIONS:	See table
PIT:	See table
HEADROOM:	See table
CAR OPERATING PANEL	
MODEL:	Full-height (column)
FINISH:	Stainless steel (X02)
PUHSBUTTON:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds
	(Optional: Mechanical, stainless steel pushbutton with halo lighting)
CAR INDICATOR:	LCD display
	(Optional: Display made up of 2 digits of Leds with 7 segments
SAFETY:	Emergency light and telephone
LANDING OPERATING PA	ANFI
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)

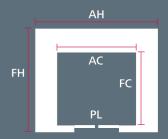
LANDING DOORS

CONTROLLER	
TYPE:	Vía Serie controller
	3VF-DSP inverter. Down collective.
	(Optional: Microbasic)
LOCATION:	In the machine room, located at the shaft top for "C" series
	In the cabinet on the top floor for "S" series. Epoxy finish
ELECTRIC INSTALLATION	
	Pre-assembled with "Plug & Play" connectors
MACHINE	
	GEARLESS with permanent magnets.
	Manual rescue operation directly on the machine for "C" series or manual rescue through unbalanced load / automatic for "S" series, depending on the model
BUFFERS	
	Made from polyurethane with a metal pedestal included
GUIDE RAILS	
	Cold-Drawn / Machined
	In accordance with ISO 7465
FIXINGS	
	Fixing brackets and plugs for concrete enclosure
ELECTRICAL FEATURES	
POWER SUPPLY VOLTAGE:	380 V three-phase
	(Optional: 220 V, 400 V, 415 V three-phase)
LIGHTING VOLTAGE:	220 V
FREQUENCY:	50 Hz
	(Optional: 60 Hz)

NOTE: Specifications correspond to the basic rate model.



STANDARD ENTRANCE



DOUBLE 180° ENTRANCE



CAR DOORS

		S SERIES								
	MP CA6010GO	MP CA6016GO	MPCR9010GO	MPCR9016GO	MP CH9010GO	MP CH9016GO	MP CH10010GO	MP CH10016GO!	MPCH100-IM10GO	MPCH100-IM16GO
Capacity (persons)	13	13	16	16	21	21	26	26	33	33
Speed (m/s)	1	1,6	1	1,6	1	1,6	1	1,6	1	1,6
Starts per hour	180	180	180	180	180	180	180	180	180	180
Power (HP)	9, 5	17,4	13,9	17,7	19	27,2	21,8	35,4	21,8	40,8
Rated current (A)	18,9	31	29,7	33	42	53,5	43	68	43	80
Q capacity (kg)	1000	1000	1275	1275	1600	1600	2000	2000	2500	2500
PL clear opening (mm) ⁽¹⁾	(T2) 900	(T2) 900	(T2) 1000	(T2) 1000	(C4) 1300	(C4)1300	(C4) 1300	(C4) 1300	(C4) 1300	(C4) 1300
AC car width (mm)	1100	1100	1200	1200	1400	1400	1500	1500	1800	1800
FC car depth (mm)	2100	2100	2400	2400	2400	2400	2700	2700	2700	2700
HC car height (mm)	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
AH shaft width (mm)	1700	1700	1800	1800	2400	2400	2450	2450	2750	2750
FH shaft depth (mm)	2450	2450	2750	2750	2750	2750	3050	3050	3050	3050
F pit (mm)	1200	1350	1200	1350	1400	1500	1400	1500	1400	1500
OH headroom (mm)	3600	3700	3600	3700	3700	3900	3700	3900	3700	3900
No. ropes x diameter (mm)	10 x 6,5	10 x 6,5	10 x 6,5	10 x 6,5	10 x 8	10 x 8	8 x 10	8 x 10	10 x 10	10 x 10
Distance between guide rails (mm)	1200	1200	1300	1300	1600	1600	1700	1700	2000	2000
Max. distance between brackets (mm)	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Car guide rails	120/76/9	120/76/9	120/76/9	120/76/9	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16
Counterweight guide rails	65/54/8	70/70/9	70/70/9	70/70/9	65/54/8	70/70/9	65/54/8	70/70/9	70/65/9	70/70/9
Suspension	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Design dossier	ACIN3 1000	ACIN3 1000	ACIN3 1000	ACIN3 1000	SCMG-10NA	SCMG-10NA	SCMG-10NA	SCMG-10NA	SCMG-10NA	SCMG-10NA

For double 180° entrance, the shaft depth is increased to 75 mm. Shaft depths with 30 mm door overhang.

(1) According to opening type: T2 or C4.

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





















		C SERIES								
	MP CA60 10GO!	MP CA60 16GO!	MP CR90 10GO!	MP CR90 16GO!	MP CH90 10GO!	MP CH90 16GO!	MP CH100 10GO!	MP CH100 16GO!	MP CH100-IM 10GO!	MP CH100-IM 16GO!
Capacity (persons)	13	13	16	16	21	21	26	26	33	33
Speed (m/s)	1	1,6	1	1,6	1	1,6	1	1,6	1	1,6
Starts per hour	180	180	180	180	180	180	180	180	180	180
Power (HP)	9,5	17,4	13,9	17,7	19	27,2	21,8	35,4	21,8	40,8
Rated current (A)	18,9	31	29,7	33	42	53,5	43	68	43	80
Q capacity (kg)	1000	1000	1275	1275	1600	1600	2000	2000	2500	2500
PL clear opening (mm) ⁽¹⁾	(T2) 1000	(T2) 1000	(T2) 1000	(T2) 1000	(C4) 1300	(C4) 1300	(C4) 1300	(C4) 1300	(C4) 1300	(C4)1300
AC car width (mm)	1100	1100	1200	1200	1400	1400	1500	1500	1800	1800
FC car depth (mm)	2100	2100	2400	2400	2400	2400	2700	2700	2700	2700
HC car height (mm)	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
AH shaft width (mm)	1900	1900	2050	2050	2250	2250	2400	2400	2700	2700
FH shaft depth (mm)	2400	2400	2700	2700	2700	2700	3000	3000	3000	3000
F pit (mm)	1200	1350	1200	1350	1200	1350	1400	1500	1400	1500
OH headroom (mm)	3600	3700	3600	3700	3600	3700	3600	3700	3600	3700
No. ropes x diameter (mm)	10 x 6,5	10 x 6,5	8 x 8	8 x 8	10 x 8	10 x 8	8 x 10	8 x 10	10 x 10	10 x10
Distance between guide rails (mm)	1200	1200	1400	1400	1600	1600	1700	1700	2000	2000
Max. distance between brackets (mm)	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Car guide rails	120/76/9	120/76/9	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16
Counterweight guide rails	65/54/8	70/70/9	65/54/8	70/70/9	65/54/8	70/70/9	65/54/8	70/70/9	70/65/9	70/70/9
Suspension	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Design dossier	E-9	E-9	E-9	E-9	E-9	E-9	E-9	E-9	E-9	E-9

For double 180° entrance, the shaft depth is increased to 75 mm.

Shaft depths with 30 mm door overhang.

(1) According to opening type: T2 or C4.

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 entrance R Travel range





	S SERIES						
	MP CA60 25GO!	MPCR90 25GO!	MPCH90 25GO!	MP CH100 25GO!	MP CH100-IM 25GO!		
Capacity (persons)	13	16	21	26	33		
Speed (m/s)	2,5	2,5	2,5	2,5	2,5		
Starts per hour	180	180	180	180	180		
Power (HP)	27,2	43,5	43,5	57,1	57,1		
Rated current (A)	53	80	80	103	103		
Q capacity (kg)	1000	1275	1600	2000	2500		
PL clear opening (mm) ⁽¹⁾	(T2) 900	(T2) 1000	(C4) 1300	(C4) 1300	(C4) 1300		
AC car width (mm)	1100	1200	1400	1500	1800		
FC car depth (mm)	2100	2400	2400	2700	2700		
HC car height (mm)	2100	2100	2100	2100	2100		
AH shaft width (mm)	1850	1950	2250	2250	2550		
FH shaft depth (mm)	2400	2700	2700	3000	3000		
F pit (mm)	1700	1700	1700	1700	1700		
OH headroom (mm)	5100	5100	5100	5100	5100		
No. ropes x diameter (mm)	4 x 10	4 x 10	4 x 10	4 x 10	4 x 10		
Distance between guide rails (mm)	1300	1400	1600	1700	2000		
Max. distance between brackets (mm)	3000	3000	3000	3000	3000		
Counterweight guide rails	125/82/16	125/82/16	125/82/16	125/82/16	127/89/16		
Suspension	82/68/9	82/68/9	82/68/9	82/68/9	82/68/9		
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete		
Design dossier	MPGO!ONE	MPGO!ONE	MPGO!ONE	MPGO!ONE	MPGO!ONE		

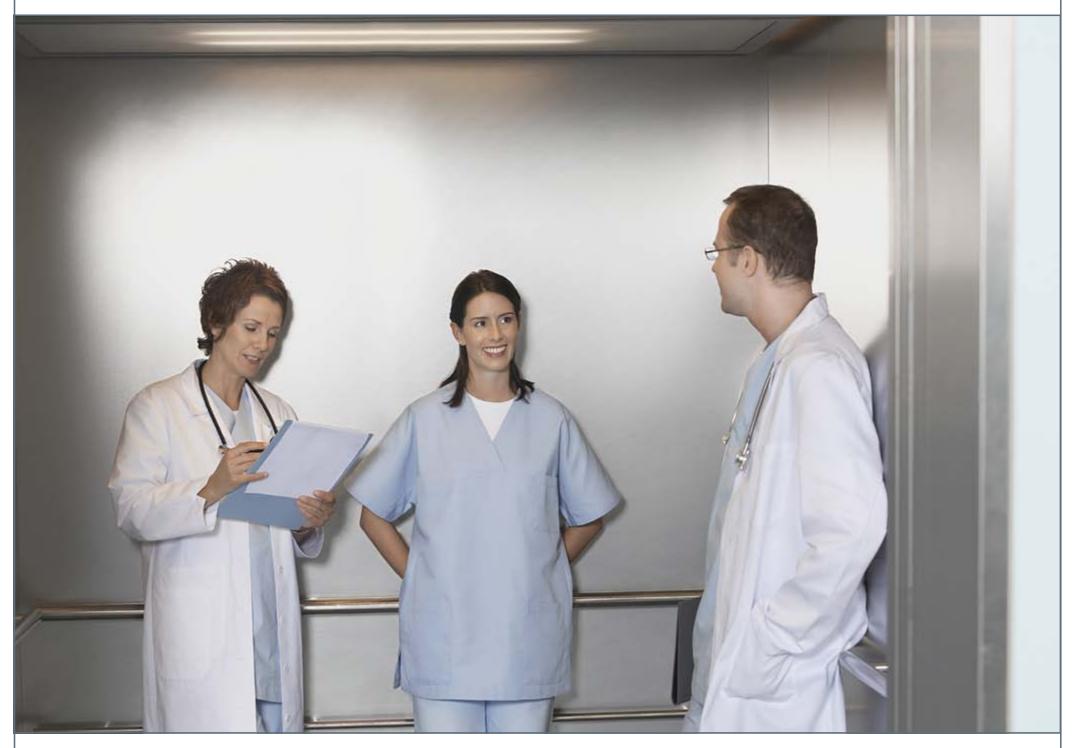
For double 180° entrance, the shaft depth is increased to 75 mm. Shaft depths with 30 mm door overhang.

(1) According to opening type: T2 or C4.

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









	SERIE C				
	MPCA6025GO	MPCR9025GO	MP CH9025GO	MP CH10025GO	MPCH100-IM25GO
Capacity (persons)	13	17	21	26	33
Speed (m/s)	2,5	2,5	2,5	2,5	2,5
Starts per hour	180	180	180	180	180
Power (HP)	27,2	43,5	43,5	57,1	57,1
Rated current (A)	53	80	80	103	103
Q capacity (kg)	1000	1275	1600	2000	2500
PL clear opening (mm) (1)	(T2) 900	(T2) 1000	(C4) 1300	(C4) 1300	(C4) 1300
AC car width (mm)	1100	1200	1400	1500	1800
FC car depth (mm)	2100	2300	2400	2700	2700
HC car height (mm)	2100	2100	2100	2100	2100
AH shaft width (mm)	1850	2050	2250	2250	2550
FH shaft depth (mm)	2400	2600	2700	3000	3000
F pit (mm)	1700	1700	1700	1700	1700
OH headroom (mm)	4100	4100	4100	4100	4100
No. ropes x diameter (mm)	4 x 10	5 x 10	6 x 10	8 x 10	10 x 10
Distance between guide rails (mm)	1300	1400	1600	1700	2000
Max. distance between brackets (mm)	3000	3000	3000	3000	3000
Counterweight guide rails	125/82/16	125/82/16	125/82/16	125/82/16	127/89/16
Suspension	82/68/9	82/68/9	82/68/9	82/68/9	82/68/9
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete
Design dossier	MPGO!ONE	MPGO!ONE	MPGO!ONE	MPGO!ONE	MPGO!ONE

For double 180° entrance, the shaft depth is increased to 75 mm. Shaft depths with 30 mm door overhang.

(1) According to opening type: T2 or C4.

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





FH Shaft depth









PL Standard clear entrance R Travel range



TYPE: Hydraulic lift

LOAD: 1000 kg to 2500 kg

CAPACITY: 13 to 33 personas

SPEED: 0.5 m/s

TRAVEL RANGE: Up to 24 m

STOPS: 9 stops

SERIES:

EXTERIOR

DIMENSIONS:

ENTRANCES: Single entrance, double 180° entrance

"S" Machine room less and "C" with machine room

MODEL: SKANNER with single beam photocell (Optional: curtain photocell)

(Optional: other car models, see

Jamb arrow direction.

(Optional: other heights)

(Optional: other heights)

Automatic: 2 side-opening panels/ 4 Central -opening panels. 3VF. (Optional: other models)

catalogues)

See table

FINISH: Stainless steel (X02)

DIMENSIONS: See table x 2000 mm

HEIGHT: 2100 mm

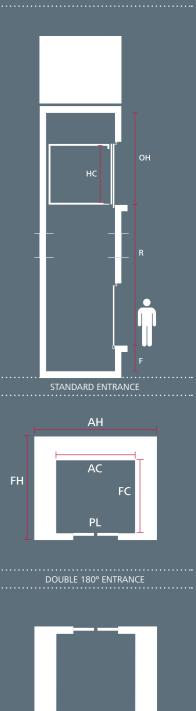
FEATURES

LANDING DOORS	
TYPE:	Automatic: 2 side-opening panels
	Automatic: 4 central-opening panels
	(Optional: other models)
FINISH:	Epoxy RAL 7044
DIMENSIONS:	See table x 2000 mm
	(Optional: other heights)
FIRE CLASSIFICATION:	E120, EW60 according to EN 81-58
	(Optional: other classifications)
SHAFT	
DIMENSIONS:	See table
PIT:	See table
HEADROOM:	See table
CAR OPERATING PANEL	
MODEL:	Full-height
FINISH:	Stainless steel (XO2)
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
	(Opcional: LCD display)
SAFETY:	Emergency light and telephone
LANDING OPERATING PA	NEL
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 Pick-up.				
	(Optional: Vía Serie)				
LOCATION:	In the machine room for "C" series; the machine room may be located wherever.				
	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				
	Electromechanical block of valves MP sava3				
	Hand pumpl. Oil				
	Automatic rescue				
JACK					
	1side-jack for 1000, 1275 and 1600 kg 2 side-jacks for 2000 and 2500 kg				
	In 1 section up to 9800 mm travel range, in 2 sections from 9800 mm upwards				
BUFFERS					
	Made from polyurethane with a metal pedestal included				
GUIDE RAILS					
	Cold-Drawn / Machined				
	In accordance with ISO 7465				
FIXINGS					
	Fixing brackets and plugs for concrete enclosure				
ELECTRICAL FEATURES					
POWER SUPPLY VOLTAGE:	Three-phase 380 V				
LIGHTING VOLTAGE:	220 V				
FREQUENCY:	50 Hz				

NOTE: Specifications correspond to the basic rate model.



CAR DOORS



		C and S SERIES		C SEF	RIES
	MP CA60 05H	MP CR90 05H	МР СН90 05Н	MP CH100 05H	MP CH100-IM 05H
Capacity (persons)	13	17	21	26	33
Speed (m/s)	0,5	0,5	0,5	0,5	0,5
Starts per hour	45	45	45	45	45
Power (HP/ kW)	20/14,7	27/20	33/24	34/29	54/40
Rated current (A)	31	42	51	64	84
Q capacity (kg)	1000	1275	1600	2000	2500
PL clear opening (mm) (1)	(T2) 1000	(T2) 1100	(C4) 1300	(C4) 1300	(C4) 1300
AC car width (mm)	1100	1200	1400	1500	1800
FC car depth (mm)	2100	2300	2400	2700	2700
HC useful car height (mm)	2100	2100	2100	2100	2100
AH shaft width (mm)	1750	1850	2300	2400	2700
FH shaft depth (mm)	2400	2600	2700	3000	3000
F pit (mm)	1450	1400	1400	1400	1400
OH headroom (mm)	3600	3600	3600	3600	3600
Nr. ropes x diameter (mm)	6 x 10	6 x 10	4 x 10	5 x 10	6 x 10
Jack: Number - Position	1 - side	1 - side	2 - side	2 - side	2 - side
Distance between guide rails (mm)	1500	1500	1500	1700	2000
Max. distance between brackets (mm)	1500	1500	1500	1500	1500
Car guide rails (sections of 5 m)	125/82/16	125/82/16	90/75/16	90/75/16	125/82/16
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete
Design dossier for "C" Series (D.L./2:1)	H06/H01	H06/H01	H07/H02	H07/H02	H07/H02

Suspension 1:1 for travel ranges ≤ 3 m Suspension 2:1 for travel ranges > 3 m (SE/DE): Simple Entrance / Double 180° Entrance For double 180° entrance, the shaft depth is increased to 75 mm Shaft depths with 30 mm door overhang (1) According to the opening type: T2 or C4

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

FH Shaft depth

AC Car width

HC Car height FC Car depth OH Headroom

PL Standard clear entrance R Travel range







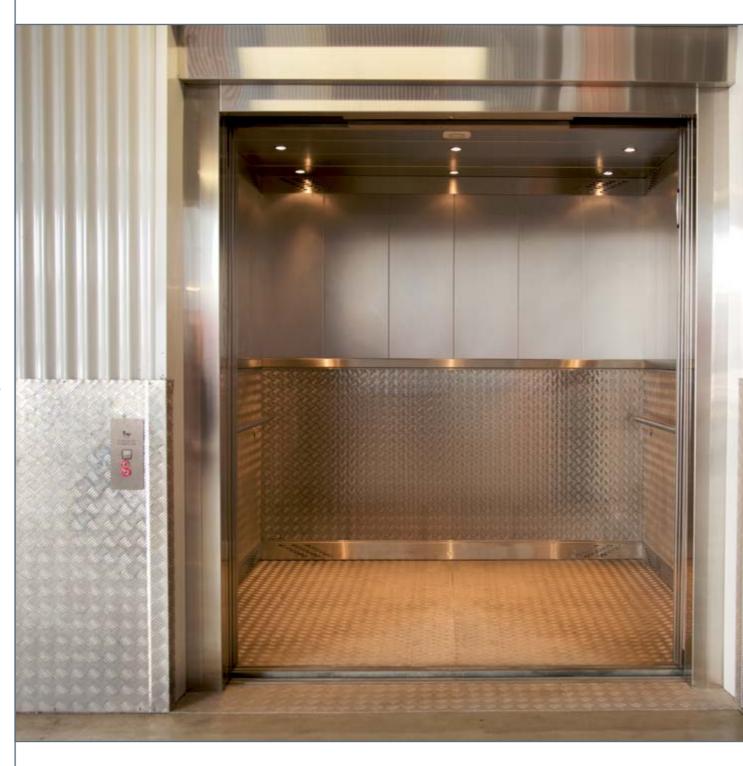




Big solutions for big challenges

MP has developed a wide range of lifts to offer vertical high-load transport solutions, which can adapt perfectly to the various capacities and speeds which you may require.

Strength, capacity, space and technology are brought together in an attractive and modern design, becoming essential working tools for you.





Load transport

Great capacity of load and response

When dealing with special cases, the solution must also be special. For this reason, MP has developed specific ranges of lifts aimed at the vertical transport of high-volume loads. Through this, we offer solutions adapted to the specific needs of these types of goods: strength, spaciousness and capacity are examples of basic characteristics.

Moreover, in this case, as with all of MP's lifts, flexibility is much higher than in a standard one. Therefore, two specifically developed ranges can be adapted perfectly to two types of needs: The MP PARKING lift, designed for transporting cars, and the MP STRONGO lift, developed for transporting load. Both options have specific details, extras and finishes in order to optimise the performance and efficiency of these lifts, destined to become essential tools for your work.



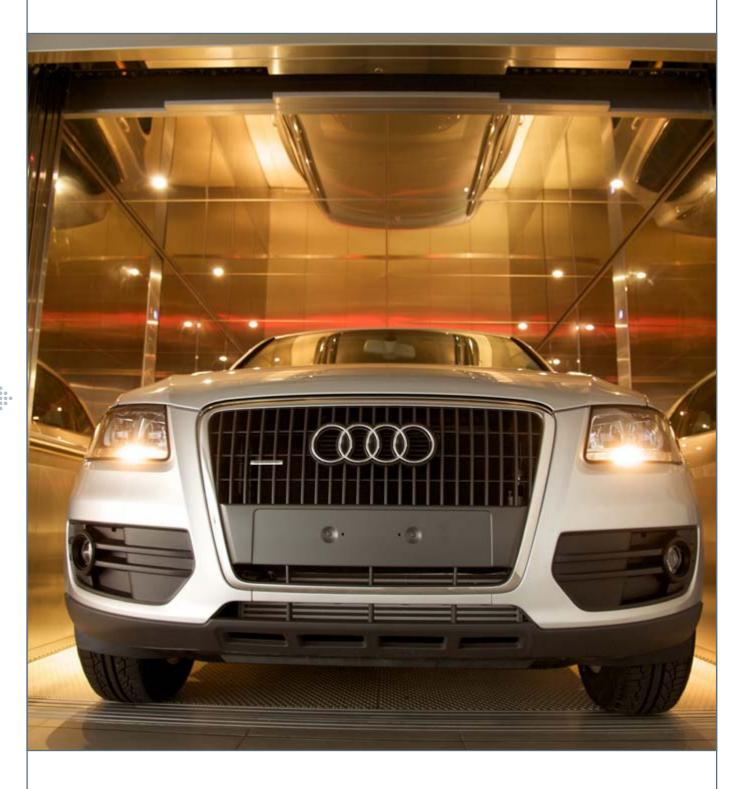
MP PARKINGlift



At MP, we specialise in adaptability. For this reason, we develop products for very specific uses, such as the vertical transport of motor vehicles. Solutions which don't only go in search of reliability, but also take up the minimum amount of space in buildings. MP PARKING LIFT is the ideal option for this type of requirement as it has been specially designed taking into account the specific characteristics of these kinds of loads.

Strength and aesthetics come together with the latest advances in technology to produce the MP PARKING lift. This lift guarantees capacity, flexibility and efficiency.

Flexibility, safety and efficiency



Advanced technology for greater comfort

With the MP PARKING lift, the latest technology and capacity have come together to achieve optimum results in terms of accuracy and efficiency.

IMPULSION	Hydraulic with a machine room. Suspension 1:1 and 2:1
CONTROLLER	This is electronic and uses a simple, universal microprocessor with the latest technology
EXCEPTIONAL LEVELLING	This is used to facilitate the entry and exit of vehicles
SPEED	0.2 m/s (standard). 0.5 m/s (optional)
EXCESS LOAD CONTROL	This is used to facilitate the entry and exit of vehicles. Loads of 3000, 3500, 4000 and 4500 kg (*)
AUTOMATIC DOORS	With VWF monitoring, 4 and 6 central panels with speed regulation

CAR DEPTHS	USE
MODEL CO: 4600 mm	For COMPACT vehicles
MODEL BE: 5500 mm	For SALOON vehicles
MODEL GB: 5850 mm	For LARGE SALOON vehicles
MODEL LM: 6000 MM	For LIMOUSINES

WIDTH AND HEIGHT OF DOORS
Automatic central doors with 4 or 6 panels for a more optimum use of the shaft.
Door clearance of between 2200 - 2500 mm (*)
Clear height of between 2000 - 2500 mm (*)

(*) Please ask us for greater measurements.
Customised studies may also be carried out by our engineering department.

	SPECIAL OPTIONS
INFRARED CURTAINS	Infrared curtains (recommended) Barrier with multiple photocells which allow for complete protection of the vehicle during entry and exit into and out of the car.
REMOTE CONTROLS	This means it's not necessary to get out of the car to call the lift.
INSPECTION TRAPS	These measure 350 x 500 mm and are located on the car roof.
AUTOMATIC RESCUE	Automatic rescue in the event of the mains power failing. Once the car is positioned automatically at the level of the floor, a device with a built-in battery opens the car and landing doors, allowing the vehicle to exit.
INTERCOM	An intercom which allows communication with the outside terminal at all times.
TRAFFIC LIGHTS	These mean that the movement of traffic entering and leaving the car park is smoother.
INTELLIGENT LIGHTING SYSTEM	Use of Led technology and time-control in order to achieve great savings in the energy used by the lift.
PROTECTION BANDS	Bumpers made from natural pine, rubber, which is either stainless or galvanised on the car's walls. These can be easily replaced.

			CAR FINISHES				
	WA	LLS		FLOORS			
FO	RTE-CAR cabin wit				choose from		
1.(G) Galvanised plate (standard)	2.(E) RAL Epoxy 7044 (beige)	3.(K) Plastic-coated steel	4.(X) Stainless steel	1. Grooved plate RAL 7044	2. Aluminium checker plate	3. Stainless steel	
Double car contro	ol station module	directions. Stainle	ss Steel pushbutto	gonally which allow ons assembled in a f d emergency light.			
Landing control	station with key	All the landing pu	ishbuttons are key	s which record calls	from authorized p	ersons.	
Permanent two-way telephone (95/16/EC)		This allows communication with a rescue service in the event of breakdown.					
Flush li	ghting	This uses fluoresc	ent lighting and is	at the same diapha	nous height throug	phout the car.	



FEATURES

PARKING LIFTS MP PARKING LIFTS

TYPE: Hydraulic lift

LOAD: 3000 kg to 4500 kg

SPEED: 0.2 m/s (Optional: 0.5 m/s)

ENTRANCES: Single entrance, double 180° entrance

FORTE-CAR in galvanised plate with a

(Optional: curtain photocell)

Jamb arrow direction

(Optional: other heights)

(Optional: other heights)

Automatic: 4 or 6 centre-opening

SERIES: "C" With a machine room

MODEL: single-beam photocell.

panels. 3VF

EXTERIOR DIMENSIONS: See table

HEIGHT: 2180 mm

FINISH: Epoxy

DIMENSIONS: See table x 2000 mm

SUSPENSION: 1:1 and 2:1

TRAVEL RANGE: Up to 12 m

STOPS: 5 stops

LANDING DOORS	
TYPE:	Automatic: 4 or 6 centre-opening panels
FINISH:	Ероху
DIMENSIONS:	See table x 2000 mm
	(Optional: other heights)
FIRE CLASSIFICATION:	E120, according to EN 81-58
	(Optional: other classifications)
SHAFT	
DIMENSIONS:	See table
PIT:	See table
LIEADDOOM	Contable
HEADROOM:	See table
CAR OPERATING PANEL	
MODEL:	Full-height control station
	Stainless steel (XO2)
PUHSBUTTON:	Stainless Steel mechanical pushbuttom with the halo lit up and with numbers included in Braille
CAR INDICATOR:	Display made up of 2 digits of Leds with 7 segments
	(Opcional: LCD display)
SAFETY:	Emergency light and telephone
LANDING OPERATING PAI	NEI
MODEL:	P001, door frames
FINISH:	Stainless steel plate (X02)
PUHSBUTTON:	Stainless Steel mechanical pushbuttom with the halo lit up and with a key
ENGRAVING:	Black logo (done with laser)
LINGINAVIING.	black togo (dotte with laser)
CONTROLLER	
TYPE:	Microbasic controller. Down collective or pick-up
	(Optional: Vía Serie)

In the machine room; it may be

LOCATION: located anywhere in the machine

room

ELECTRICAL INSTALLATION					
	Pre-assembled with "Plug & Play" connectors				
HYDRAULIC POWER UNIT					
	Motor Manometer-Thermistor Thermal contact for oil				
	Electromechanical valve block MP sava3				
	Manual pump. Oil				
	Automatic rescue				
JACK					
	In 1 section up to 9800 mm of travel range; from 9800 mm , in 2 sections				
BUFFERS					
	Made from polyurethane with a metal pedestal included				
GUIDE RAILS					
	Cold-drawn / machined				
	In accordance with ISO 7465				
	Bracketed				
FIXINGS					
	Fixing brackets and plugs for concrete enclosure				
ELECTRICAL FEATURES					
VOLTAGE:	380 V three-phase				
	(Optional: 220 V, 400 V, 415 V three-				

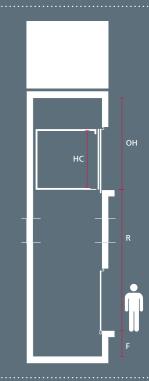
phase)

(Optional: 60 Hz)

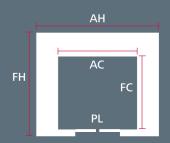
LIGHTING VOLTAGE: 220 V

FREQUENCE: 50 Hz

NOTE: Specifications correspond to the basic rate model.







DOUBLE 180° ENTRANCE



CAR DOORS





	C SERIES C SERIES								
	30CO 02H	(1:1)	35BE (02H (1:1)	40GB C)2H (1:1)	45LM 0.	45LM 02H (1:1)	
Q capacity (kg)	3000		3	500	4000		45	4500	
Maximum area (m²)	10,64		1.	2,64	14	14,64		64	
Speed (m/s)	0,2			0,2		0,2		0,2	
Starts per hour	17			17	1	17	1	17	
Power (HP/kW)	27/20		2	7/20	33	1/24	40/	29	
Type of entrance	Single	2 x 180	Single	2 x 180	Single	2 x 180	Single	2 x 180	
PL clear opening C4 (mm)	2200		2	200	24	100	25	00	
Door height (mm)	2000		2	000	20	000	21	00	
AC car width (mm)	2300		2	300	25	500	27	00	
FC car depth (mm)	4600		5	450	58	350	60	00	
HC useful car height (mm)	2180		2	2180 2180			22	80	
AH shaft width (mm)	3510		3	3510		3810		60	
FH shaft depth (mm)	4850	4980	5700	5830	6100	6230	6250	6380	
PL clear opening C6 (mm)	2200		2	200	24	100	25	00	
Door height (mm)	2000		2	000	20	000	21	00	
AC car width (mm)	2300		2	2300 2500		27	00		
FC car depth (mm)	4600		5	5450 5850		60	00		
HC useful car height (mm)	2180		2	180	2	180	22	80	
AH shaft width (mm)	3100		3	100	33	350	35	50	
FH shaft depth (mm)	4890	5070	5740	5920	6140	6320	6290	6470	
F pit (mm)	1400		1	1400 1400		14	00		
OH headroom (mm)	3600		3600 3600 3600			00			
Jack: Number - Position	2 - side	9	2 - side 2 - side		2 - 9	side			
Distance between guide rails (mm)	2500				00				
Max. distance between brackets	1500			500		500	15		
Car guide rails (sections of 5 m)	90/75/1	6	90/	75/16	90/7	75/16	90/7	5/16	
Shaft enclosure	Concret	e		ncrete		crete	Concrete		
Design dossier (1:1)	H08		ŀ	108	Н	08	HC)8	

SUSPENSION 1:1 for TRAVEL RANGES ≤ 3 m Shaft depths with 30mm door overhang

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

AC Car width

PL Standard clear entrance R Travel range





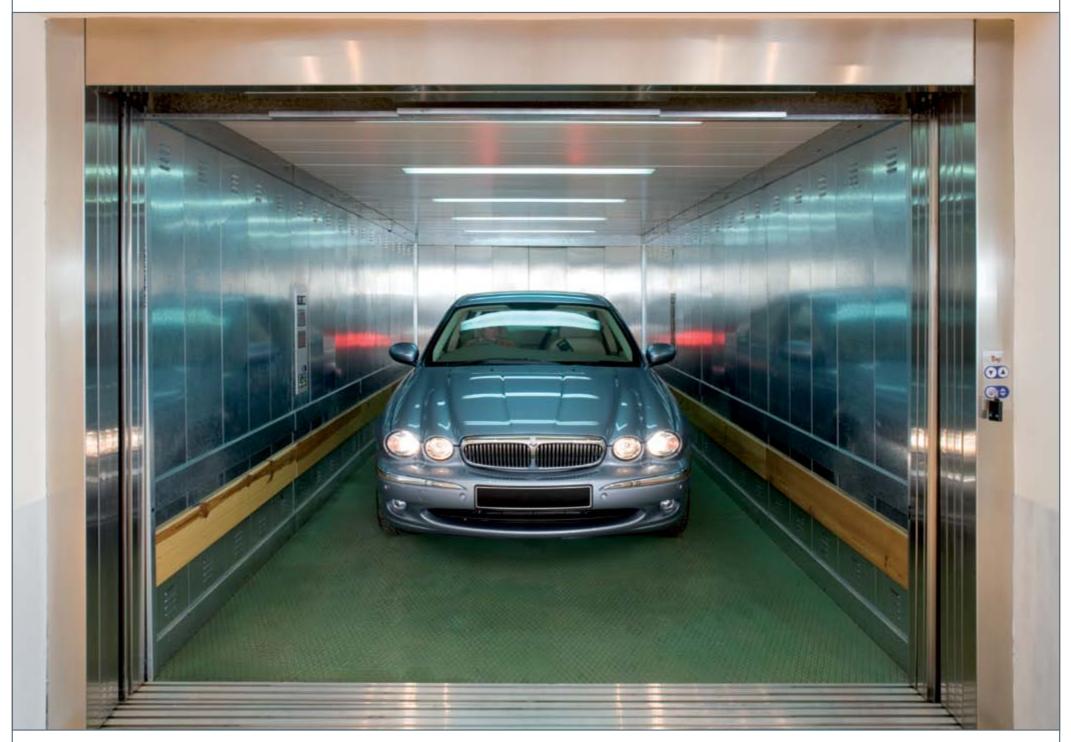


	C SERIES								
	30CO 02I	H (2:1)	35BE 02H	35BE 02H (2:1)		40GB 02H (2:1)		45LM 02H (2:1)	
Q capacity (kg)	3000		3500		4000		45	4500	
Maximum area (m²)	10,6	4	12,64	12,64		14,64		16,64	
Speed (m/s)	0,2		0,2		0,2		C	0,2	
Starts per hour	17		17		17			17	
Power (HP/kW)	27/2	0	27/20		33	/24	40	40/29	
Type of entrance	Simple	2 x 180	Simple	2 x 180	Simple	2 x 180	Simple	2 x 180	
PL clear opening C4 (mm)	220	0	2200		24	100	25	500	
Door height (mm)	200	0	2000		20	000	21	00	
AC car width (mm)	230	0	2300		25	500	27	700	
FC car depth (mm)	460	0	5450		58	350	6000		
HC useful car height (mm)	2180		2180		2180		2280		
AH shaft width (mm)	3510		3510		3810		3960		
FH shaft depth (mm)	4850	4980	5700	5830	6100	6230	6250	6380	
PL clear opening C6 (mm)	2200		2200		24	2400		500	
Door height (mm)	2000		2000		20	2000		00	
AC car width (mm)	2300		2300		25	500	27	700	
FC car depth (mm)	4600		5450		5850		60	000	
HC useful car height (mm)	218	0	2180		2180		2.	2280	
AH shaft width (mm)	310	0	3100		3350		3550		
FH shaft depth (mm)	4890	5070	5740 5920 6140 6320		6320	6290	6470		
F pit (mm)	140	0	1400 1400			14	004		
OH headroom (mm)	360	0 3600 3600		36	3600				
Jack: Number - Position	2 - late	eral	2 - lateral 2 - lateral		2 - lateral				
Distance between guide rails (mm)	250	2500 250			2700		29	900	
Max. distance between brackets	1500		1500	1500		1500		500	
Car guide rails (sections of 5 m)	90/75/	/16	90/75/1	90/75/16		90/75/16		75/16	
Shaft enclosure	Concr	ete	Concret	.e	Concrete		Concrete		
Design dossier (2:1)	H08	3	H08		Н	08	Н	08	

SUSPENSION 2:1 for TRAVEL RANGES > 3 m Shaft depths with 30mm door overhang

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

F Pit PL Standard clear entrance R Travel range





MP STRONGO

Solutions adapted to your pace of work

Because in our daily lives flexibility means profit, MP has designed the MP STRONGO lift range, aimed at offering solutions for the vertical transport of loads. A lift designed to withstand high levels of use, both in terms of frequency and volume. Its robust structure guarantees reliability when transporting large loads, a strength which is also flexible. Thus, a range of options means the MP STRONGO lift can be adapted to the requirements of a wide range of uses in all kinds of buildings, such as warehouses, hotels, factories, airports, supermarkets, large commercial establishments and hospitals.

Capacity and accuracy



Advanced technology

It is possible to combine capacity and accuracy. The MP STRONGO lift incorporates the latest advances made in technology to guarantee the optimum functioning of the lift.

IMPULSION	Hydraulic with a machine room. Suspension 1:1 and 2:1 With electric using gearless technology or a geared machine
CONTROLLER	Electronic with a microprocessor. Universal or collective descent using the latest technology
EXCEPTIONAL LEVELLING	Designed to facilitate the loading and unloading of heavy goods
SPEED	0.2 m/s (hydraulic), 0.5, 1 and 1.6 m/s (gearless electric),1 and 1.6 m/s (electric geared)
EXCESS LOAD CONTROL	This is used to facilitate the entry and exit of loads. Loads of between 1500 and 6500 kg
AUTOMATIC DOORS	With single-phase motorization or VVVF (optional)

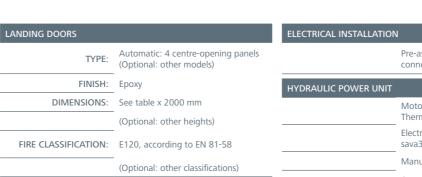
TREMENDOUS FLEXIBILITY
Wide range in terms of loads. From 1500 to 6500 kg (*)
Flexible car dimensions. Width of between 1400 and 2600 mm. Depths of between 2000 and 4300 m allow loads of various sizes and weights to be transported and even the use of an electric forklift.
Wide range of widths and heights for doors, which facilitate the loading and unloading of packages.
Automatic central doors with 4 or 6 panels for greater use of the shaft.
Door clearance of between 1300 - 2500 mm (*)
Clear height of door of between 2000 - 2500 mm (*)

^(*) Please ask us for greater measurements. Customised studies may also be carried out by our engineering department.

SPECIAL OPTIONS								
PROTECTION BANDS	Bumpers to protect walls. These can be easily replaced							
INFRARED CURTAINS (RECOMMENDED)	Barrier with multiple photocells which allow total protection of the doors, thus facilitating loading and unloading							
INSPECTION TRAPS	These measure 350 x 500 mm and are located on the roof of the car							
INTELLIGENT LIGHTING	Use of Led technology and time-control in order to achieve great savings in the energy used by the lift							

				CAR FI	NISHES					
	WA	LLS				FLC	OORS			
FORT	FORTE-CAR cabin with a variety of finishes					of materials and	d designs to choo	se from		
1.(G) Galvanised plate (standard)	2.(E) RAL Epoxy 7044 (beige)	3.(Plastic-c ste	coated	4.(X) Stainless steel	1. Grooved plate RAL 7044	2. Non-skid rubber	3. Aluminium checker plate	4. Stainless brick steel		
Sill types: Select the most appropria reinforced aluminium (star										
Flush lighting: This uses fluorescent tubes					es and is at the same diaphanous height throughout the car.					
Vandal-resistant pushbuttons: Stainless Steel pushbuttons These are mounted on a st							which are solid an	d vandal-proof.		





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

CAR OPERATING PANEL	
MODEL:	Full-height control station
	Stainless steel (XO2)
PUHSBUTTON:	Stainless Steel mechanical pushbuttom with the halo lit up and with numbers included in Braille
CAR INDICATOR:	Display made up of 2 digits of Leds with 7 segments
	(Opcional: LCD display)
SAFETY:	Emergency light and telephone
·	·

SAFETY:	Emergency light and telephone					
LANDING OPERATING PAN	IEL					
MODEL:	P001, door frames					
FINISH:	Stainless steel plate (X02)					
PUHSBUTTON:	Stainless Steel mechanical pushbuttom with the halo lit up					
ENGRAVING:	Black logo (done with laser)					
CONTROLLER						
ТҮРЕ:	Microbasic controller. Down collective or pick-up					

(Optional: Vía Serie)

LOCATION: It may be located anywhere in the

machine room

In the machine room for "C" series.

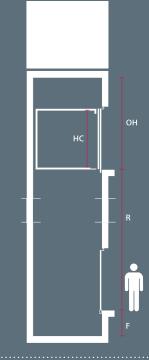
ELECTRICAL INSTALLATION	N
	Pre-assembled with "Plug & Play" connectors
HYDRAULIC POWER UNIT	
	Motor Manometer-Thermistor Thermal contact for oil
	Electromechanical valve block MP sava3
	Manual pump. Oil
	Automatic / manual rescue depending on model
JACK	
	In 1 section up to 9800 mm of travel range; from 9800 mm , in 2 sections
MACHINES	
	Gearless. maGO permanent magnets With thermal safety cover for motor. Rescue operation: Automatic rescue in addition to emergency electrical controller
	Worm-ring reducer
BUFFERS	
	Made from polyurethane with a metal pedestal included
GUIDE RAILS	
	Cold-drawn / machined
	In accordance with ISO 7465
	Bracketed
FIXINGS	
	Fixing brackets and plugs for concrete enclosure
ELECTRICAL FEATURES	
VOLTAGE:	380 V three-phase
	(Optional: 220 V, 400 V, 415 V three-

phase)

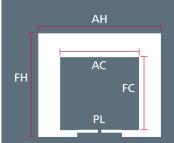
(Optional: 60 Hz)

LIGHTING VOLTAGE: 220 V

FREQUENCE: 50 Hz



STANDARD ENTRANCE



DOUBLE 180° ENTRANCE



CAR DOORS

FEATURES

TYPE: Automatic: 4 centre-opening panels.
3VF. (Optional: other models)

(Optional: other heights)

GOODS LIFTS

Hydraulic lift

0.2 m/s (hydraulic)

SPEED: 0.5, 1 and 1.6 m/s (gearless electric)
1 and 1.6 m/s (geared electric)

TYPE: Geared electric lift Gearless electric lift

TRAVEL RANGE: Up to 15 m

STOPS: 6 stops

ENTRANCES:

EXTERIOR DIMENSIONS: See table

SERIES:

MP|STRONGOlift

LOAD: 1500 kg to 6000 kg (hydraulic) LOAD: 1500 kg to 6500 kg (gearless electric) 1500 kg to 3000 kg (geared electric)

Single entrance, double 180°

"C" With a machine room

FORTE-GOODS in galvanised plate

(Optional: curtain photocell)

"S" Machine room less

MODEL: with a single-beam photocell.

Jamb arrow direction

FINISH: Epoxy

DIMENSIONS: See table x 2000 mm

HEIGHT: 2180 mm

(Optional: other heights)

Recommended distance < 10 m

NOTE: Specifications correspond to the basic rate model.



						C SERIES					
	MP1500K02H	MP2000K02H	MP2500K02H	MP3000K02H	MP3500K2H	MP4000K02H	MP4500K02H	MP5000K02H	MP5500K02H	MP6000K02H	MP6500K02H
Speed (m/s)	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2
Starts per hour	30	30	30	30	30	30	30	30	30	30	30
Power (HP/kW)	13/9,5	15/11	17,5/1/23	20/15	20/15	33/24	40/29,4	40/29,4	50/36,8	50/36,8	50/36,8
Q capacity (kg)	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500
PL clear opening C4 (mm)	1400	1400	1400	1800	1800	1800	1800	1800	1800	1800	1800
Door height (mm)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Maximum area (m²)	3,4	4,2	5	5,8	6,6	7,4	8,2	9	9,8	10,6	11,4
AC car width (mm)	1700	2000	2000	2300	2500	2600	2600	2600	2600	2600	2600
FC car depth (mm)	2000	2100	2500	2500	2600	2800	3100	3400	3700	4000	4300
HC useful car height (mm)	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180
AH shaft width (mm) suspension 1:1	2500	2800	2800	3100	3300	3400	3400	3400	3400	3400	3400
AH shaft width (mm) suspension 2:1	3600	2900	2900	3200	3400	3400	3400	3400	3400	3400	3400
FH shaft depth (mm)	2350	2450	2850	2850	2950	3150	3450	3750	4050	4350	4650
PL clear opening C4 (mm)	1400	1400	1400	1800	1800	1800	1800	1800	1800	1800	1800
Door height (mm)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Maximum area (m²)	3,4	4,2	5	5,8	6,6	7,4	8,2	9	9,8	10,6	11,4
AC car width (mm)	1500	1500	1800	2100	2100	2100	2100	2100	2300	2300	2300
FC car depth (mm)	2200	2700	2700	2700	3100	3400	3700	4000	4100	4400	4700
HC useful car height (mm)	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180
AH shaft width (mm) suspension 1:1	2300	2300	2600	2900	2900	2900	2900	2900	3100	3100	3100
AH shaft width (mm) suspension 2:1	2400	2400	2700	3000	3000	3000	3000	3000	3200	3200	3200
FH shaft depth (mm)	2622	3122	3122	3122	3522	3822	4122	4422	4522	4822	5072
F pit (mm)	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
OH headroom (mm)	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600	3600
No. ropes x diameter (mm)	4 x 10	5 x 10	6 x 10	6 x 10	6 x 12	6 x 12	6 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	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	AC+200
Max. distance between brackets	1500	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	125/82/16	140/108/19	140/108/19	140/108/19	140/108/19
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete	Hormigón
Design dossier (1:1 / 2:1)	H04 / H07	H04 / H07	H04 / H07	H04 / H07	H04 / H07	H04 / H07	H04 / H07	H04 / H07	H04 / H07	H04 / H07	H04 / H07

Suspension 1:1 for travel ranges ≤ 3 metres Suspension 2:1 for travel ranges > 3 metres For double 180° entrance, the shaft depth is increased to 75 mm. Shaft depths with 30mm door overhang OPTIONAL: Speed of 0,5 m/s (MP_00K 05H) NOTE: The values included in this table correspond to pre-established conditions and may be modified, according to the specific characteristics of each installation.





















				C SE	RIES			
	MP 1500K10V	MP 1500K16V	MP 2000K10V	MP 2000K16V	MP 2500K10V	MP 2500K16V	MP 3000K10V	MP 3000K16V
Speed (m/s)	1	1,6	1	1,6	1	1,6	1	1,6
Starts per hour	180	180	180	180	180	180	180	180
Power (HP)	21,8	27,2	24,5	40,8	28	40,8	28,5	50,3
Rated current (A)	31	43	36	64	36	64	49	76
Q capacity (kg)	1500	1500	2000	2000	2500	2500	3000	3000
PL clear opening C4 (mm)	1300	1300	1400	1400	1400	1400	1400	1400
AC car width (mm)	1700	1700	2000	2000	2000	2000	2100	2100
FC car depth (mm)	2000	2000	2100	2100	2500	2500	2700	2700
HC useful car height (mm)	2180	2180	2180	2180	2180	2180	2180	2180
AH shaft width (mm)	2500	2500	2950	2950	2950	2950	3050	3050
FH shaft depth (mm)	2300	2300	2400	2400	2800	2800	3000	3000
PL clear opening T2 (mm)	1100	1100	1300	1300	1300	1300	1300	1300
AC car width (mm)	1400	1400	1500	1500	1800	1800	1900	1900
FC car depth (mm)	2400	2400	2700	2700	2700	2700	3000	3000
HC useful car height (mm)	2180	2180	2180	2180	2180	2180	2180	2180
AH shaft width (mm)	2300	2300	2450	2450	2750	2750	2850	2850
FH shaft depth (mm)	2700	2700	3000	3000	3000	3000	3300	3300
F pit (mm)	1400	1500	1400	1500	1400	1500	1400	1500
OH headroom (mm)	3600	3700	3600	3700	3600	3700	3600	3700
No. ropes x diameter (mm)	6 x 10	6 x 10	8 x 10	8 x 10	6 x 12	6 x 12	8 x 12	8 x 12
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	125/82/16	125/82/16
Counterweight guide rails (sections of 5 m)	65/54/8	65/54/8	65/54/8	65/54/8	70/65/9	70/65/9	70/65/9	70/65/9
Suspension	2:1	2:1	2:1	2:1	2:1	2:1	2:1	2:1
Shaft enclosure	Concrete							
Design dossier	E-09	E-09	E-09		E-09			

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











			C SEF	RIES		
	MP1500K10GO!	MP1500K16GO!	MP2000K10GO!	MP2000K16GO!	MP2500K10GO!	MP2500K16GO!
Speed (m/s)	1	1,6	1	1,6	1	1,6
Starts per hour	180	180	180	180	180	180
Power (HP)	19	27,2	21,8	35,4	21,8	40,8
Rated current (A)	42	53,5	43	68	43	80
Q capacity (kg)	1500	1500	2000	2000	2500	2500
PL clear opening C4 (mm)	1300	1300	1400	1400	1400	1400
AC car width (mm)	1700	1700	2000	2000	2000	2000
FC car depth (mm)	2000	2000	2100	2100	2500	2500
HC useful car height (mm)	2180	2180	2180	2180	2180	2180
AH shaft width (mm)	2500	2500	2950	2950	2950	2950
FH shaft depth (mm)	2300	2300	2400	2400	2800	2800
PL clear opening T2 (mm)	1100	1100	1300	1300	1300	1300
AC car width (mm)	1400	1400	1500	1500	1800	1800
FC car depth (mm)	2400	2400	2700	2700	2700	2700
HC useful car height (mm)	2180	2180	2180	2180	2180	2180
AH shaft width (mm)	2300	2300	2450	2450	2750	2750
FH shaft depth (mm)	2700	2700	3000	3000	3000	3000
F pit (mm)	1400	1500	1400	1500	1400	1500
OH headroom (mm)	3600	3700	3600	3700	3600	3700
No. ropes x diameter (mm)	9 x 8	9 x 8	8 x 10	8 x 10	10 x 10	10 x 10
Distance between guide rails (mm)	AC+200	AC+200	AC+200	AC+200	AC+200	AC+200
Distance between brackets (mm)	3000	3000	3000	3000	3000	3000
Car guide rail (sections of 5 m)	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16
Counterweight guide rail (sections of 5 m)	65/54/8	70/70/9	65/54/8	70/70/9	70/65/9	70/70/9
Suspension	2:1	2:1	2:1	2:1	2:1	2:1
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Design dossier	E-09	E-10	E-09		E-09	

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 entrance R Travel range



			S SI	ERIES		
	MP1500K10GO!	MP1500K16GO!	MP2000K10GO!	MP2000K16GO!	MP2500K10GO!	MP2500K16GO!
Speed (m/s)	1	1,6	1	1,6	1	1,6
Starts per hour	180	180	180	180	180	180
Power (HP)	19	27,2	21,8	35,4	21,8	40,8
Rated current (A)	42	53,5	43	68	43	80
Q capacity (kg)	1500	1500	2000	2000	2500	2500
PL clear opening C4 (mm)	1300	1300	1400	1400	1400	1400
AC car width (mm)	1700	1700	2000	2000	2000	2000
FC car depth (mm)	2000	2000	2100	2100	2500	2500
HC useful car height (mm)	2180	2180	2180	2180	2180	2180
AH shaft width (mm)	2600	2600	2950	2950	2950	2950
FH shaft depth (mm)	2300	2300	2400	2400	2800	2800
PL clear opening T2 (mm)	1100	1100	1300	1300	1300	1300
AC car width (mm)	1400	1400	1500	1500	1800	1800
FC car depth (mm)	2400	2400	2700	2700	2700	2700
HC useful car height (mm)	2180	2180	2180	2180	2180	2180
AH shaft width (mm)	2300	2300	2450	2450	2750	2750
FH shaft depth (mm)	2700	2700	3000	3000	3000	3000
F pit (mm)	1400	1500	1400	1500	1400	1500
OH headroom (mm)	3700	3800	3700	3800	3700	3800
No. ropes x diameter (mm)	9 x 8	9 x 8	8 x 10	8 x 10	10 x 10	10 x 10
Distance between guide rails (mm)	AC+200	AC+200	AC+200	AC+200	AC+200	AC+200
Distance between brackets (mm)	3000	3000	3000	3000	3000	3000
Car guide rail (sections of 5 m)	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16
Counterweight guide rail(sections of 5 m)	65/54/8	70/70/9	65/54/8	70/70/9	70/65/9	70/70/9
Suspension	2:1	2:1	2:1	2:1	2:1	2:1
Shaft enclosure	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Design dossier	SCMG-10NA	SCMG-10NA	SCMG-10NA	SCMG-10NA	SCMG-10NA	SCMG-10NA

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

FH Shaft depth AC Car width

HC Car height



FC Car depth OH Headroom









							C SERIES						
	MP3000K 05GO!	MP3000K 10GO!	MP3500K 05GO!	MP3500K 10GO!	MP4000K 05GO!	MP4000K 10GO!	MP4500K 05GO!	MP4500K 10GO!	MP5000K 05GO!	MP5000K 10GO!	MP5500K 05GO!	MP6000K 05GO!	MP6500K 05GO!
Speed (m/s)	0.5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	0.5	0,5
Starts per hour	180	180	180	180	180	180	180	180	180	180	180	180	180
Power (HP)	21,8	43,5	21,8	43,5	21,8	43,5	40,8	57,1	40,8	57,1	40,8	40,8	40,8
Rated current (A)	43	80	43	80	43	80	82	98	82	98	82	82	82
Q capacity (kg)	3000	3000	3500	3500	4000	4000	4500	4500	5000	5000	5500	6000	6500
PL clear opening C4 (mm)	1400	1400	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
AC car width (mm)	1850	1850	2000	2000	2100	2100	2250	2250	2500	2500	2500	2600	2600
FC car depth (mm)	3000	3000	3200	3200	3400	3400	3500	3500	3500	3500	3800	4000	4300
HC useful car height (mm)	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180
AH shaft width (mm)	3000	3000	3250	3250	3300	3300	3500	3500	3750	3750	3750	3850	3850
FH shaft depth (mm)	3300	3300	3500	3500	3700	3700	3850	3850	3850	3850	4150	4350	4650
PL clear opening C4 (mm)	1400	1400	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
AC car width (mm)	2100	2100	2350	2350	2450	2450	2600	2600	3000	3000	3100	3200	3300
FC car depth (mm)	2700	2700	2700	2700	2900	2900	3000	3000	3000	3000	3100	3200	3300
HC useful car height (mm)	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180
AH shaft width (mm)	3250	3250	3600	3600	3700	3700	3850	3850	4250	4250	4600	4700	4800
FH shaft depth (mm)	3000	3000	3000	3000	3200	3200	3300	3300	3300	3300	3400	3500	3600
F pit (mm)	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
OH headroom (mm)	4100	4100	4100	4100	4100	4100	4100	4100	4100	4100	4100	4100	4500
No. ropes x diameter (mm)	6 x 10	6 x 10	7 x 10	7 x 10	8 x 10	8 x 10	9 x 10	9 x 10	10 x 10	10 x 10	10 x 10	10 x 10	10 x 10
Distance between guide rails (mm)	AC+200												
Distance between brackets (mm)	2500	2500	2500	2500	2200	2200	2500	2500	2200	2200	2000	2000	2000
Car guide rail (sections of 5 m)	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/89/16	125/89/16	127/89/16	127/89/16	127/89/16	127/89/16	127/89/16
Counterweight guide rail(sections of 5 m)	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9
Suspension	4:1	4:1	4:1	4:1	4:1	4:1	4:1	4:1	4:1	4:1	4:1	4:1	4:1
Shaft enclosure	Concrete												

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 entrance R Travel range







							S SERIES						
	MP 3000K 05GO!	MP 3000K 10GO!	MP 3500K 05GO!	MP 3500K 10GO!	MP 4000K 05GO!	MP 4000K 10GO!	MP 4500K 05GO!	MP 4500K 10GO!	MP 5000K 05GO!	MP 5000K 10GO!	MP 5500K 05GO!	MP 6000K 05GO!	MP 6500K 05GO!
Speed (m/s)	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5	1	0,5
Starts per hour	180	180	180	180	180	180	180	180	180	180	180	180	180
Power (HP)	21,8	43,5	21,8	43,5	21,8	43,5	40,8	57,1	40,8	57,1	40,8	40,8	40,8
Rated current (A)	43,	80	43	80	43	80	82	98	82	98	82	82	82
Q capacity (kg)	3000	3000	3500	3500	4000	4000	4500	4500	5000	5000	5500	6000	6500
PL clear opening C4 (mm)	1400	1400	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
AC car width (mm)	1850	1850	2000	2000	2100	2100	2250	2250	2500	2500	2500	2600	2600
FC car depth (mm)	3000	3000	3200	3200	3400	3400	3500	3500	3500	3500	3800	4000	4300
HC useful car height (mm)	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180
AH shaft width (mm)	3150	3150	3300	3300	3400	3400	3750	3750	4000	4000	4000	4100	4100
FH shaft depth (mm)	3300	3300	3500	3500	3700	3700	3580	3850	3850	3850	4150	4350	4650
PL clear opening C4 (mm)	1400	1400	1800	1800	1800	1800	1800	1800	1800	1800	1800	H1800	1800
AC car width (mm)	2100	2100	2350	2350	2450	2450	2600	2600	3000	3000	3100	3200	3300
FC car depth (mm)	2700	2700	2350	2350	2450	2450	2600	2600	3000	3000	3100	3200	3300
HC useful car height (mm)	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180	2180
AH shaft width (mm)	3250	3250	3600	3600	3700	3700	3850	3850	4250	4250	4600	4700	4800
FH shaft depth (mm)	3000	3000	3000	3000	3000	3000	3000	3000	3300	3300	3400	3500	3600
F pit (mm)	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
OH headroom (mm)	4100	4100	4100	4100	4100	4100	4100	4100	4100	4100	4100	4100	4500
No. ropes x diameter (mm)	6 x10	6 x10	7 x10	7 x10	8 x10	8 x10	9 x10	9 x10	10 x10	10 x10	10 x10	10 x10	10 x10
Distance between guide rails (mm)	AC+200												
Distance between brackets (mm)	2500	2500	2500	2500	2200	2200	2500	2500	2200	2200	2000	2000	2000
Car guide rail (sections of 5 m)	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	125/82/16	127/89/16	127/89/16	127/89/16	127/89/16	127/89/16
Counterweight guide rail(sections of 5 m)	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9	70/65/9
Suspension	4:1	4:1	4:1	4:1	4:1	4:1	4:1	4:1	4:1	4:1	4:1	4:1	4:1
Shaft enclosure	Concrete												
Design dossier	SCMG-11NA												

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

HC Car height FC Car depth OH Headroom

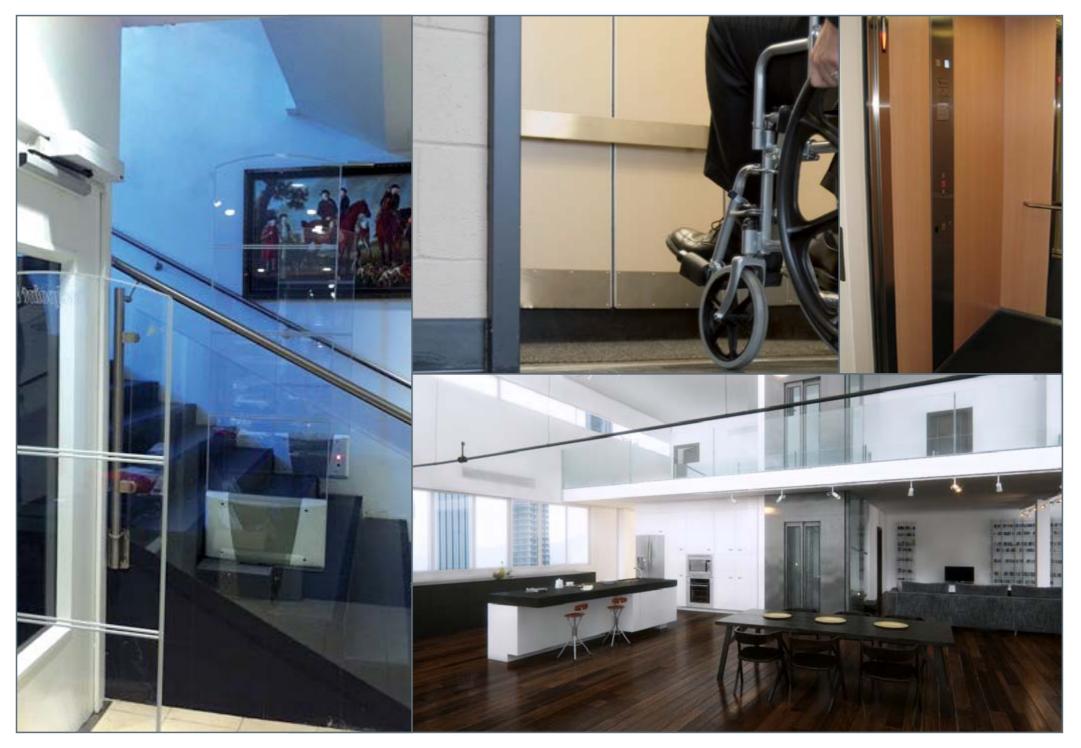
PL Standard clear entrance R Travel range

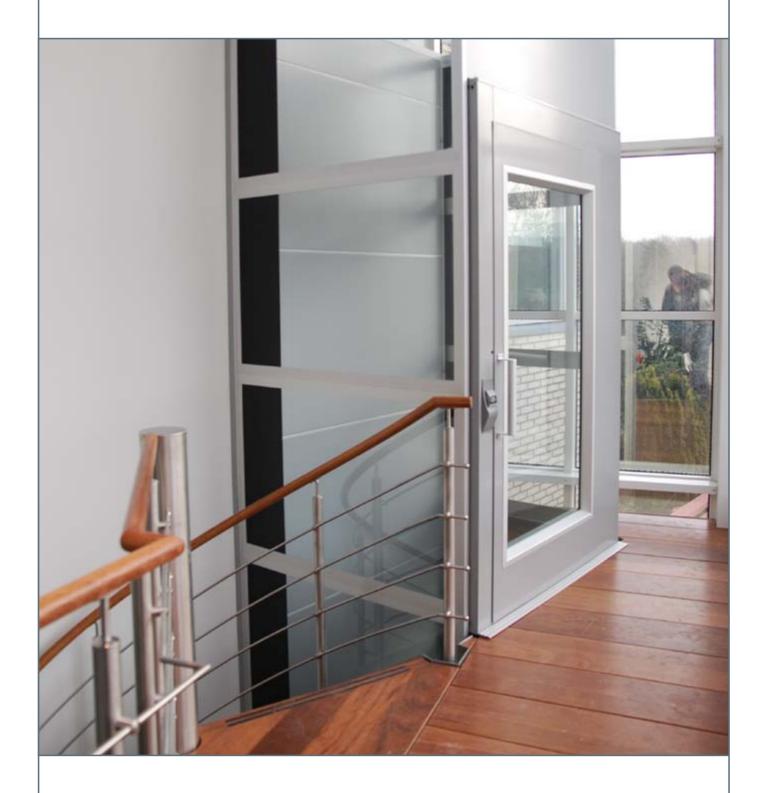














MP | ARES MOBI



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



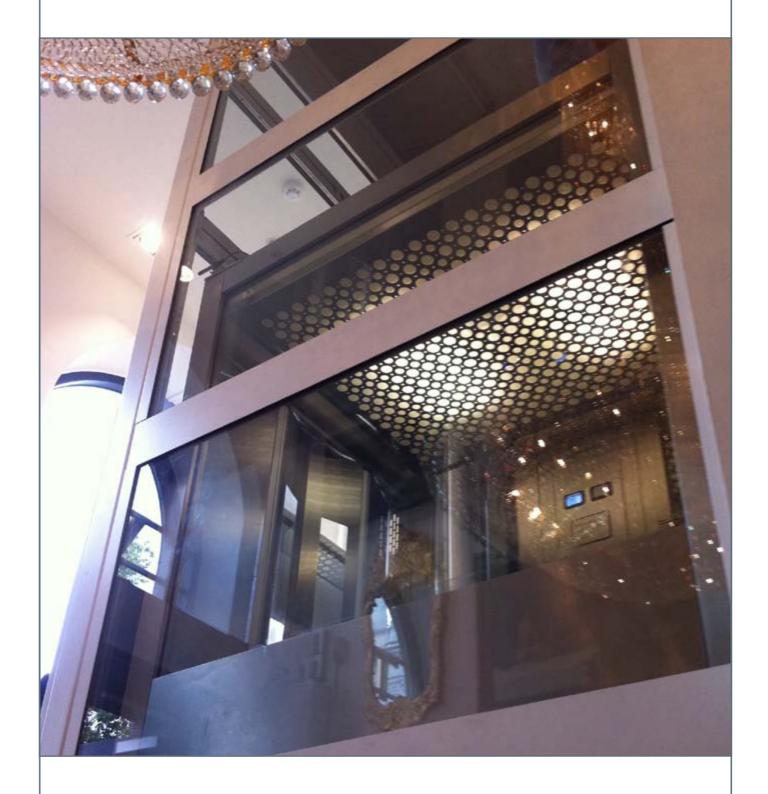
Tailored solutions

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



MP | ARES MOBI

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.

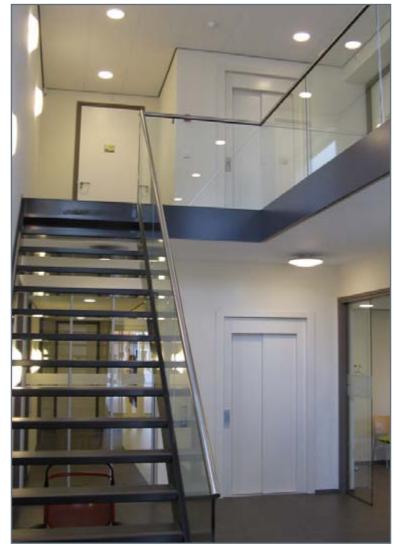
Rupture valve in the event of breakage in the hydraulic valve.

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 pushbuttoms 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 C600





CAR D100



LANDING DOORS



LANDING DOORS

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







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:	D-100 with single beam photocell		
	(Optional: curtain photocell)		
	Jamb arrow direction		
	(Optional: other car models, see catalogues)		
EXTERIOR DIMENSIONS:	See table		
HEIGHT:	2100 mm		
	(Optional: other heights)		

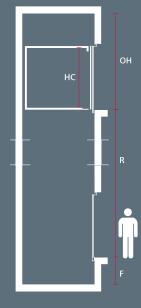
CAR DOORS	
TYPE:	Automatic: 2 side-opening panels. 3VF
	(Optional: other models)
FINISH:	Stainless steel (X02)
DIMENSIONS:	Ver tabla x 2000 mm
	(Optional: other heights)

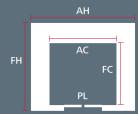
LANDING DOORS				
TYPE:	Automatic: 2 side-opening panels			
	(Optional: other models)			
FINISH:	Epoxy RAL 7044			
	(Optional: Stainless steelX02)			
DIMENSIONS:	See table x 2000 mm			
	(Optional: other heights)			
FIRE RESISTANCE CLASSIFICATION:	E120, EW60 according to EN 81-58			
	(Optional: other classifications)			
HAFT				
DIMENSIONS:	See table			
PIT:	See table			
HEADROOM:	See table			
TILADROOM.	Jee table			
ar operating panei				
MODEL:	Plate			
FINISH:	Plastic-coated steel			
	(Optional: Stainless steel X02)			
PUHSBUTTON:	(Optional: Stainless steel X02) Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds			
PUHSBUTTON:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using			
PUHSBUTTON: CAR INDICATOR:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel			
	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) Optional: Mechanical, stainless steel			
	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) Optional: Mechanical, stainless steel pushbutton with halo lighting			
CAR INDICATOR:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) Optional: Mechanical, stainless steel pushbutton with halo lighting (Opcional: Display LCD) Optional: Mechanical, stainless steel pushbutton with halo lighting			
CAR INDICATOR: SAFETY:	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) Optional: Mechanical, stainless steel pushbutton with halo lighting (Opcional: Display LCD) Optional: Mechanical, stainless steel pushbutton with halo lighting			
CAR INDICATOR: SAFETY: ANDING OPERATING F	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) Optional: Mechanical, stainless steel pushbutton with halo lighting (Opcional: Display LCD) Optional: Mechanical, stainless steel pushbutton with halo lighting			
CAR INDICATOR: SAFETY: ANDING OPERATING F	Mechanical, polycarbonate plastic, fireproof pushbutton lit using Leds (Optional: Mechanical, stainless steel pushbutton with halo lighting) Optional: Mechanical, stainless steel pushbutton with halo lighting (Opcional: Display LCD) Optional: Mechanical, stainless steel pushbutton with halo lighting			

ENGRAVING: Black logo (done with laser)

CONTROLLER					
TYPE:	Microbasic controller. Down collective or pick-up				
LOCATION:	In the machine room for "C" series. It may be placed anywhere within the machine room				
	In the cabinet for "S" series. Epoxy finish.				
	Recommended distance < 10 metres				
ELECTRICAL INSTALLAT	TION				
	Premontada con conectores "Plug & Play"				
HYDRAULIC POWER UN	NIT				
	Motor Manometer-Thermistor. Thermal oil contact				
	Electromechanical valve block MP sava3				
	Manual pump. Oil				
	Automatic rescue				
JACK					
	In 1 section up to 9800 mm of travel range, in 2 sections from 9800 mm				
BUFFERS					
	Made from polyurethane with a metal pedestal included				
GUIDE RAILS					
	rawn in accordance with ISO 7465				
FIXINGS					
	Fixing brackets and plugs for concrete enclosure				
ELECTRICAL FEATURES	;				
POWER SUPPLY VOLTAGE:	380 V three-phase				
LIGHTING VOLTAGE:	220 V				

NOTE: Specifications corresponding to the basic rate model







TRIPLE ENTRANCE



	S and C SERIES ⁽¹⁾					
	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	15	15	15	15	15	15
Power (HP/ kW)	2.7 / 2	2.7 / 2	2.7 / 2	4/3	4/3	4/3
Current (A) (2)	5,6	5,6	5,6	10	10	10
Q capacity (kg)	180	225	320	375	480	630
PL clear opening (mm)	600	700	700	800	800	800
AC car width (mm)	700	800	1000	1000	1000	1100
FC car depth (mm)	800	900	900	1100	1250	1400
HC useful internal car height (mm)	2100	2100	2100	2100	2100	2100
AH shaft width (mm)	1060	1160	1400	1360	1400	1500
FH shaft depth (mm)	1075	1100	1200	1360	1550	1700
F minimum pit (mm) ⁽³⁾	150 / 645 / 875 / 1004	150 / 645 / 875 / 1004	150 / 645 / 875 / 1004	150 / 645 / 875 / 1004	150 / 645 / NA / 1004	150 / 645 / NA / 1004
OH minimum headroom (mm) (3)	2390 / 2814 / 2860 / 3330	2390 / 2814 / 2860 / 3330	2390 / 2814 / 2860 / 3330	2390 / 2814 / 2860 / 3330	2390 / 2814 / NA / 3330	2390 / 2814 / NA / 3330
No. ropes x diameter (mm)	4 x 8	4 x 8	4 x 8	4 x 8	4 x 8	4 x 8
Jack: Number - Position	1 - side	1 - side	1 - side	1 - side	1 - side	1 - side
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

- (1) The values included in this table correspond to pre-established conditions and may be modified, according to the specific characteristics of each installation.
- (2) Current data for 400 V mains voltage. Optional single-phase power voltage at 230 V.
- (3) With compensatory safety measures / Without compensatory safety measures / Economical option / Loft option. Dimensions of Pit and Headroom with automatic landing doors, MASSEN model.















ESCALATORS and Moving WALKWAYS

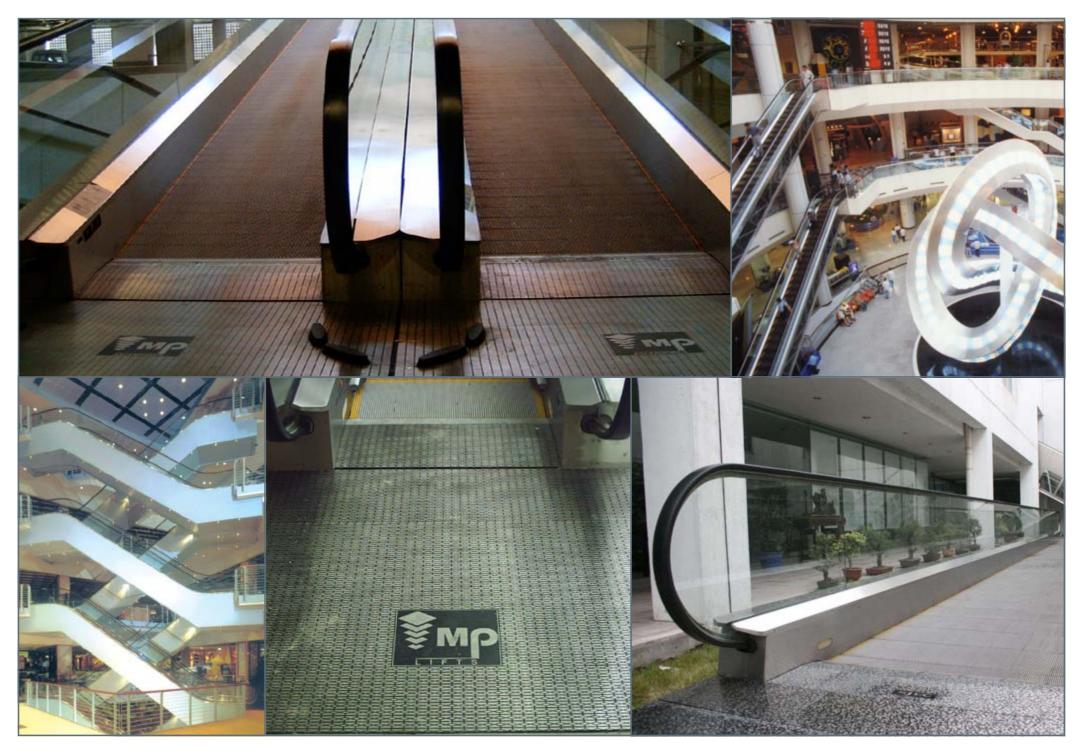


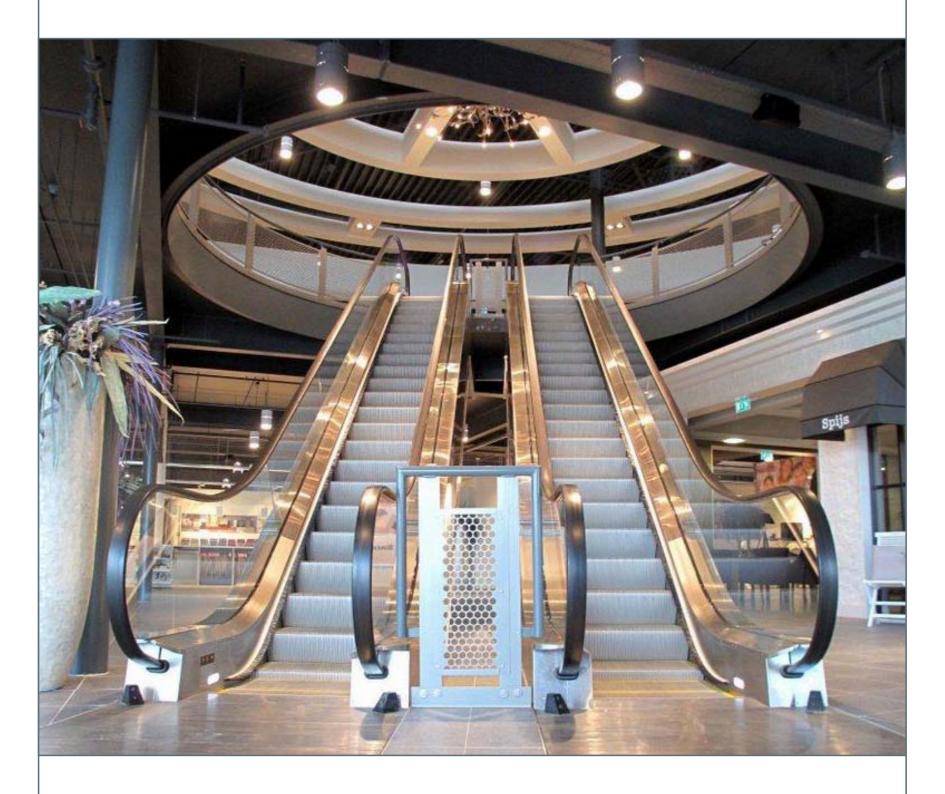
ESCALATORS



Moving WALKWAYS

















Ideas which bring about progress





A product for each requirement

Range of MP products

The MP STEP range of escalators and moving walkways goes that one step further in terms of technology, efficiency and adaptability. A wide range of possibilities ensures that each choice fits perfectly, no matter what the specifics of each case may be.

Space, passenger traffic levels and conditions of use cease to be limitations, instead becoming our indicators to determine the best choices. Furthermore, the modular design ensures that the installation is optimised and the product is enjoyed to the full due to its capacity to respond to the specifications of the design.

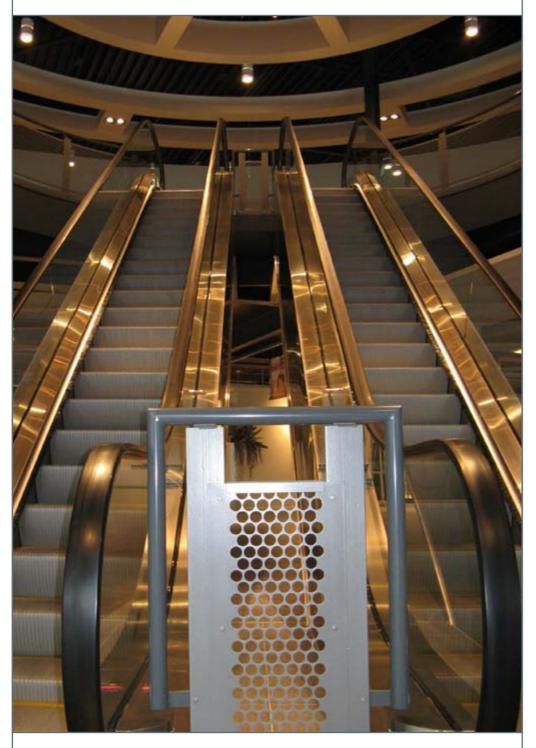
ESCALATORS

It is a system which offers very different possibilities with common characteristics, reliability, comfort and optimum performance forming the best basis of the success for any product from the MP STEP range.

As it forms part of our philosophy of excellence and constant improvement, all our products comply with the European Standard EN115 as well as other international codes.

MOVING WALKWAYS

	MP COLINA	MP SIERRA	MP PONT	MP PONT F	MP PONT H
	Commercial	Heavy duty	Trol	lley	Long way
Installation	Indoor/Outdoor (*)	Indoor/Outdoor (*)	Indoor/Outdoor (*)	Indoor/Outdoor (*)	Indoor/Outdoor (*)
Working hours (hours per day)	16	24	16	16	16
Slope (°)	30°/35°	30°/35°	10°,11°,12°	10°,11°,12°	0° - 6°
Speed (m/s)	0.5 / 0.65 (if 30°)	0.5 / 0.65 (if 30°)	0.5	0.5	0.5
Capacity (persons per hour)	Up to 7300	Up to 7300	Up to 6000	Up to 6000	Up to 6000
Width of tread (mm)	600/800/1000	600/800/1000	800/1000	800/1000	1000/1200/1400
Difference in height	2.0 m to 7.5 m (30°)	2.0 to 12.0 m (30°)	2.0 to 7.5 m	2.0 to 7.5 m	(L) 20 to 120 m
Difference in neight	2.0 m to 6.0 m (35°)	2.0 m to 6.0 m (35°)			



Safety and options

Escalators and moving walkways

Do you now know what would be the best model for you? Complete it with our endless array of options designed to further optimise the efficiency, safety and aesthetics of your chosen product.

	OPTIONS
Sa	afety brake on the main shaft
V	VVF
Aı	utomatic lubrication system
Ba	alustrade / skirting board lighting
Tr	affic lights
Н	andrail speed monitor
Er	ror display
Αι	uto start-up (photocell or door track contact)
Re	emote control
C	olour handrails
C	plour steps
Fr	ame coating (rustproof or primer)
SC	reparation for outdoors (anti-rust nuts and rews, oil separator, flooding of naft)

INCLUDED SAFETY ELEMENTS
Electric chain contact (1 unit)
Step chain contacts (2 units)
Handrail entry contacts (4 units)
Comb plate contacts (4 units)
Skirting board contacts (4 units)
Contacts descent of stair (2 units)
Contacts - absence of stair (2 units)
Contacts opening of door tracks (2 units)
Emergency pushbuttons
Stair shaft lighting
Yellow step outlines
Phase monitoring relay
Other safety elements
Detection of change in direction of gear (*)
Anti-lift stair contact (*)
Thermal relay for motor (*)
(1)

(*) Optional

Leadership and quality round the globe

The MP STEP range can be perfectly adapted to very different requirements and needs. The endless array of designs developed to an outstanding level all over the world clearly show this.



MP STEP
Mercado de Colón. Valencia. Spain



MP STEP
Seville's metro system Seville. Spain



MP STEP
Merkamueble. Barakaldo - Vizkaya. Spain



MP STEP
Poznan Airport Poznan. Poland

Integration

The efficiency of MP STEP products helps us to offer solutions which are perfectly integrated into their surroundings.

Efficiency

The number of passengers per hour is one of the fundamental parameters when choosing one of our products. Our range includes options which can support very high levels of traffic, offering optimum performance in extremely demanding conditions such as those at an airport or metro station.

Adaptability

The advantages of the MP STEP range extend to other types of products. Each design is assessed as a whole, which allows us to combine different lift solutions, complementing each other to perfection. A team vision which also applies to the overall development of the design.

Reliability

The MP STEP range is backed up by a team of experts who work on each stage of the design development and on the subsequent performance of the product, even from the design of each model. An comprehensive overview which guarantees much more than just a reliable solution, also ensuring happy customers.

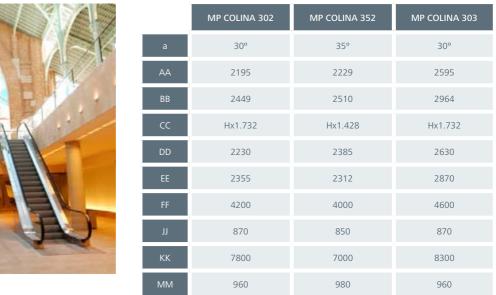


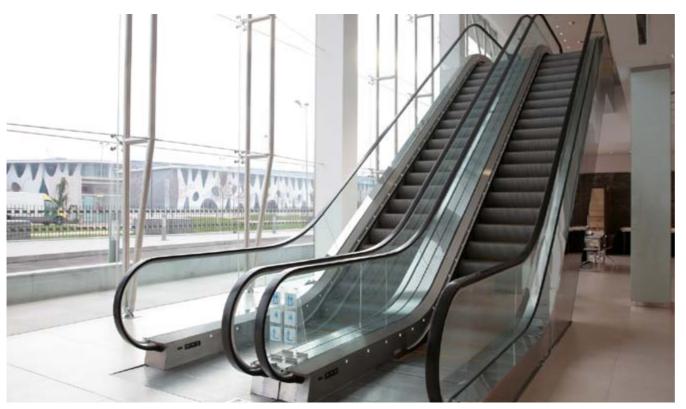
MP COLINA 302, MP COLINA 352, MP COLINA 303

Escalators for shopping centres, department stores, supermarkets, hotels, office buildings, museums, hospitals and airports.

Adaptability and optimum performance

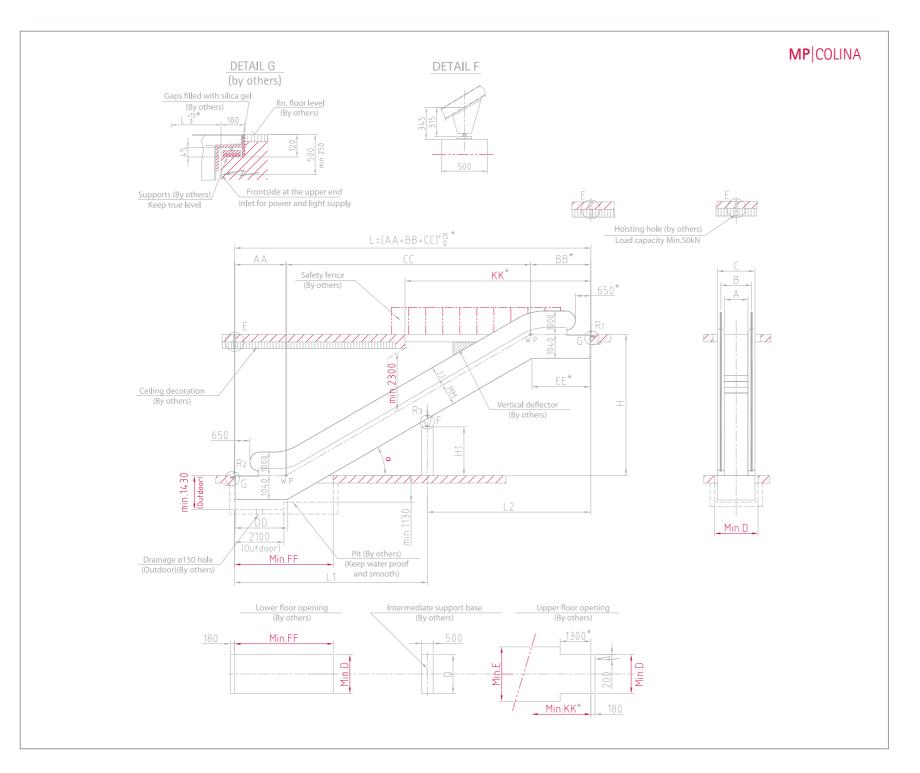






А	REACTION FORCE (KN)				
	Without intermediate support	With one intermediate support			
	R1=3,35xL+15,5	R1=3,35xL2+11,5			
600		R2=3,35xL1+4,5			
	R2=3,35xL+10	R3=3,35xL+3,5			
	R1=3,7xL+17	R1=3,7xL2+12			
800		R2=3,7xL1+4,7			
	R2=3,7xL+11	R3=3,7xL+4			
	R1=4,15xL+18,5	R1=4,15xL2+12,5			
1000		R2=4,15xL1+4,9			
	R2=4,15xL+11,5	R3=4,15xL+4,5			

А	В	С	D	Е
600	837	1145	1200	1720
800	1037	1345	1400	1920
1000	1237	1545	1600	2120





NOTES:

- 1. Height above sea level of the escalator place should not be higher than 1000m. In case of doubt, please contact MP.
- 2. If one of the following situations, the dimensions marked with * shall be extended 500mm:
- (1) 600 mm step width
- (2) Double drive
- (3) VVVF and power exceeds 11KW.
- Client should provide the intermediate support base, which can be made of reinforced concrete or metallic structure in right position, in case of horizontal distance L higher than 15 m.
- 4. The requirements of escalators and building interfaces must be according with the national standards (EN115-1:2008+A1:2010). In case of doubt, please contact MP.



MP SIERRA 302, MP SIERRA 303, MP SIERRA 304, MP SIERRA 352, MP SIERRA 353, MP SIERRA 303* SIERRA 304*

Escalators for metro stations, train stations and the like.

One step further in adaptability

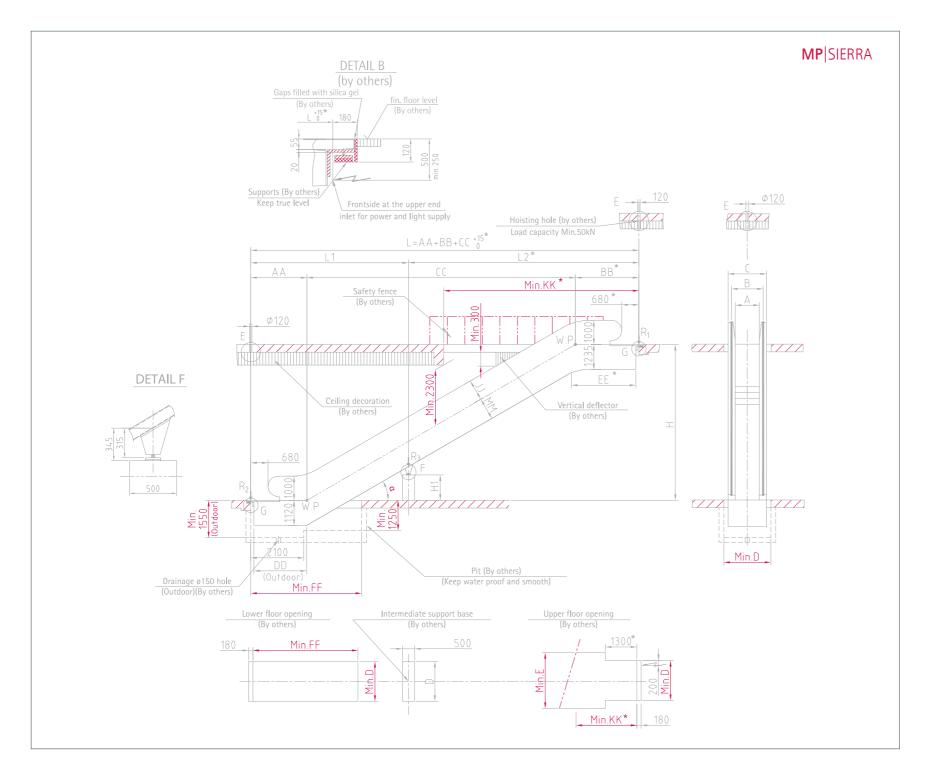
	MP SIERRA 302	MP SIERRA 303	MP SIERRA 304	MP SIERRA 352	MP SIERRA 353	MP SIERRA 303*	MP SIERRA 304*
a	30°	30°	30°	35°	35°	30°	30 °
Upper radius	1500	1500	1500	1500	1500	2700	2700
AA	2231	2631	3031	2266	2666	2863	3263
ВВ	2598	2998	3398	2682	3082	3283	3683
СС	Hx1.732	Hx1.732	Hx1.732	Hx1.428	Hx1.428	Hx1.732	Hx1.732
DD	2370	2770	3170	2505	2905	3000	3400
EE	2815	3215	3615	2780	3180	3500	3900
FF	4530	4930	5330	4420	4820	5160	5560
IJ	870	870	870	850	850	870	870
MM	1060	1060	1060	1080	1080	1060	1060
KK	8000	8400	8800	7200	7600	8800	9220



	REACTION (KN)					
A	Without intermediate support	With one intermediate support				
	R1=4.05xL+16.3	R1=4.05xL2+14				
600	D4 445 L 47	R2=4.05xL+8.5				
	R1=4.45xL+17	R2=4.45xL+9.5				
	R1=4.95xL+19.5	R1=4.45xL2+16				
800		R2=4.95xL+10.5				
	R2=4.45xL+9.5	R3=4.7xL+11				
	R1=4.95xL+19.5	R1=4.95xL2+17.2				
1000		R2=4.95xL1+8.3				
	R2=4.95xL+10.5	R3=5.2xL+11.3				
Natara						

VERTICAL BALUSTRADE						
А	В	С	D	Е		
600	837	1195	1270	1790		
800	1037	1395	1470	1990		
1000	1237	1595	1670	2190		

SLOPED BALUSTRADE						
А	В	С	D	E		
600	910	1195	1270	1790		
800	1110	1395	1470	1990		
1000	1310	1595	1670	2190		





NOTES:

- 1. Height above sea level of the escalator place should not be higher than 1000m. In case of doubt, please contact MP.
- 2. If one of the following situations, the dimensions marked with * shall be extended 500mm:
- (1) 600 mm step width
- (2) Double drive (3) VVVF
- 3.Client should provide the intermediate support base, which can be made of reinforced concrete or metallic structure in right position, in case of horizontal distance L higher than 15 m.
- 4. The requirements of escalators and building interfaces must be according with the national standards (EN115-1:2008+A1:2010). In case of doubt, please contact MP.



MP PONT 10, MP PONT 11, MP PONT 12

Sloped moving walkways without smooth access for shopping centres, department stores, supermarkets and the like.

Needs which are transformed into solutions



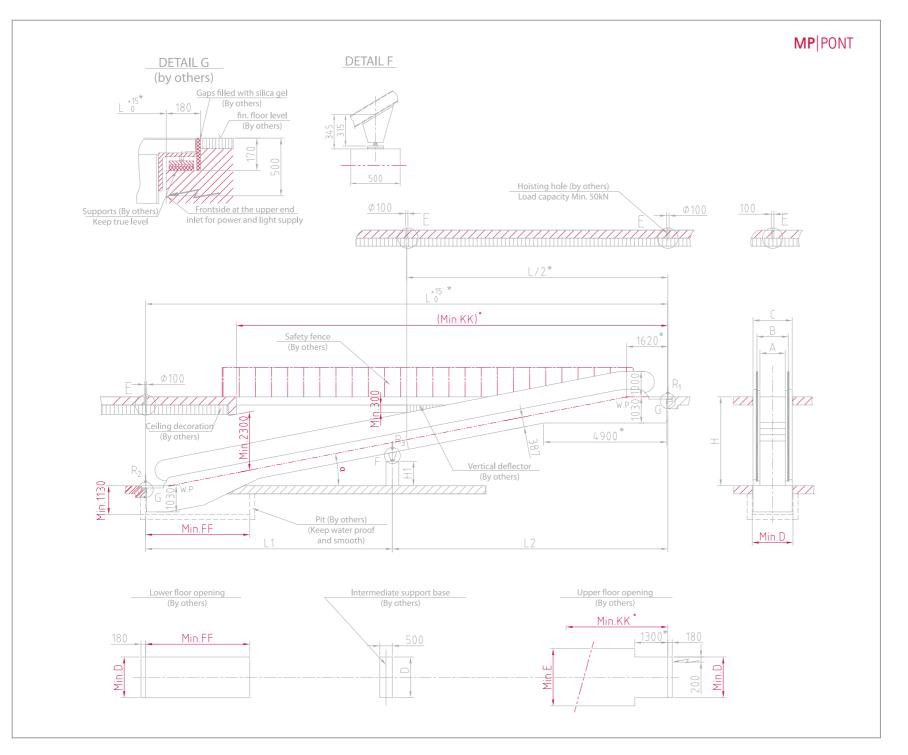


	MP PONT 10	MP PONT 11	MP PONT 12
а	10°	11°	12°
L	Hx5671+2650	Hx5145+2555	Hx4705+2475
KK	17700	16700	15800
FF	4250	4150	4000

А	REACTION (KN)
	R1=3.45xL2+12.5
800	R2=3.45xL1+4
	R3=4xL+14.5
	R1=3.85xL2+14
1000	R2=3.85xL1+4.5
	R3=4.5xL+15.5

A	В	С	D	Е

А	В	C	D	Е
800	1037	1345	1400	1920
1000	1237	1545	1600	2120





NOTES:

- Height above sea level of the escalator place should not be higher than1000m.
 In case of doubt, please contact MP.
- If one of the following situations, the dimensions marked with * shall be extended 500mm:
 Double drive
 VVVF
- Client should provide the intermediate support base, which can be made of reinforced concrete or metallic structure in right position, in case of horizontal distance L higher than 10m.
- 4. The requirements of escalators and building interfaces must be according with the national standards (EN115-1:2008+A1:2010). In case of doubt, please contact MP.

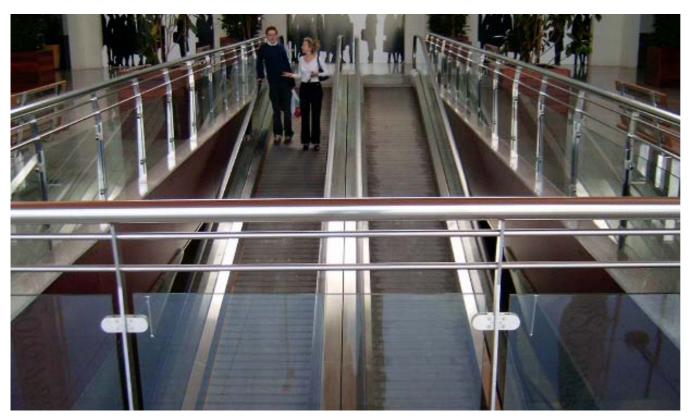


MP PONT F 10, MP PONT F 11, MP PONT F 12

Sloped moving walkways with smooth access for shopping centres, department stores, supermarkets and the like.

Needs which are transformed into solutions





	MP PONT F 10	MP PONT F 11	MP PONT F 12
a	10°	11°	12°
L	Hx5671+3945	Hx5145+3755	Hx4705+3595
KK	17700	16700	15800
FF	4750	4550	4500

А	REACTION (KN)
	R1=3.45xL2+12.5
800	R2=3.45xL1+4
	R3=4xL+14.5
	R1=3.85xL2+14
1000	R2=3.85xL1+4.5
	R3=4.5xL+15.5

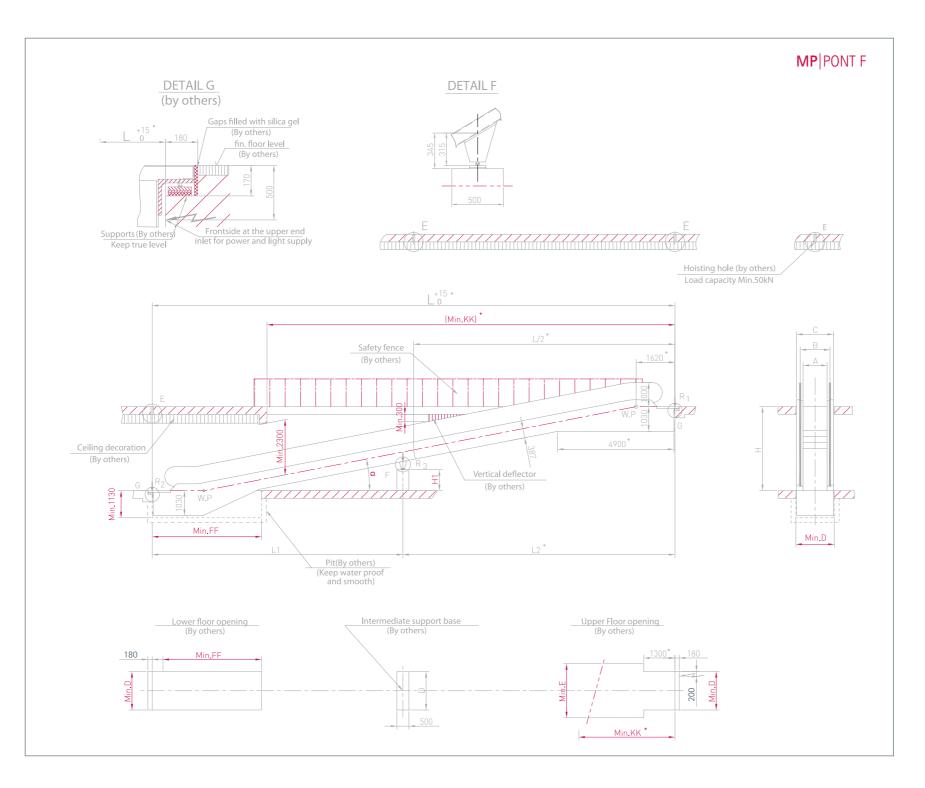
- Notes:

 1. L, L1 and L2 are in meters

 2. L1 and L2 do not exceed 10 meters.

 3. Applicable in case of one intermediate support. In case of doubt, please contact MP.

А	В	C	D	E
800	1037	1345	1400	1920
1000	1237	1545	1600	2120





NOTES:

- Height above sea level of the escalator place should not be higher than 1000m. In case of doubt, please contact MP.
 If one of the following situations, the
- If one of the following situations, the dimensions marked with * shall be extended 500mm:
 Double drive
 VVVF
- Client should provide the intermediate support base, which can be made of reinforced concrete or metallic structure in right position, in case of horizontal distance L higher than 10m.
- 4. The requirements of escalators and building interfaces must be according with the national standards (EN115-1:2008+A1:2010). In case of doubt, please contact MP.



MP PONT H

Horizontal moving walkways for airports and for carrying passengers over considerable distances.

Pure movement technology





А	1400	1400 1200										
REACTION (KN)												
R1	73	64	55									
R2	69	69 61										
R3	125	110	90									
R4	5	5	5									

VERTICAL BALUSTRADE											
А	В	С	D								
1000	1237	1595	1670								
1200	1437	1795	1870								
1400	1637	1995	2070								

	SLOPED BALUSTRADE											
А	В	С	D									
1400	1710	1995	2070									
1200	1510	1795	1870									
1000	1310	1595	1670									

MP|PONT H 10030 * M×P (length Return Drive Drainage hole Drainage hole (By others) (By others) for outdoor installation for outdoor installation D-D DETAIL B DETAIL C (by others) Gaps filled with silica gel (By others) fin. floor level (By others) Frontside at the upper end Assemble Bolt on sit /inlet for power and light supply 5x10mm² (cable) and 3x6mm² (cable) Drill Hole ø23



NOTES:

- 1. Height above sea level of the escalator place should not be higher than 1000m. In case of doubt, please contact MP.
- 2. If one of the following situations, the dimensions marked with * shall be extended 500mm:
- (1) Double drive
- (2) VVVF
- 3. Client should provide the intermediate support base, which can be made of reinforced concrete or metallic structure in right position, in case of horizontal distance L higher than 10m.
- 4. The requirements of escalators and building interfaces must be according with the national standards (EN115-1:2008+A1:2010). In case of doubt



AESTHETICS



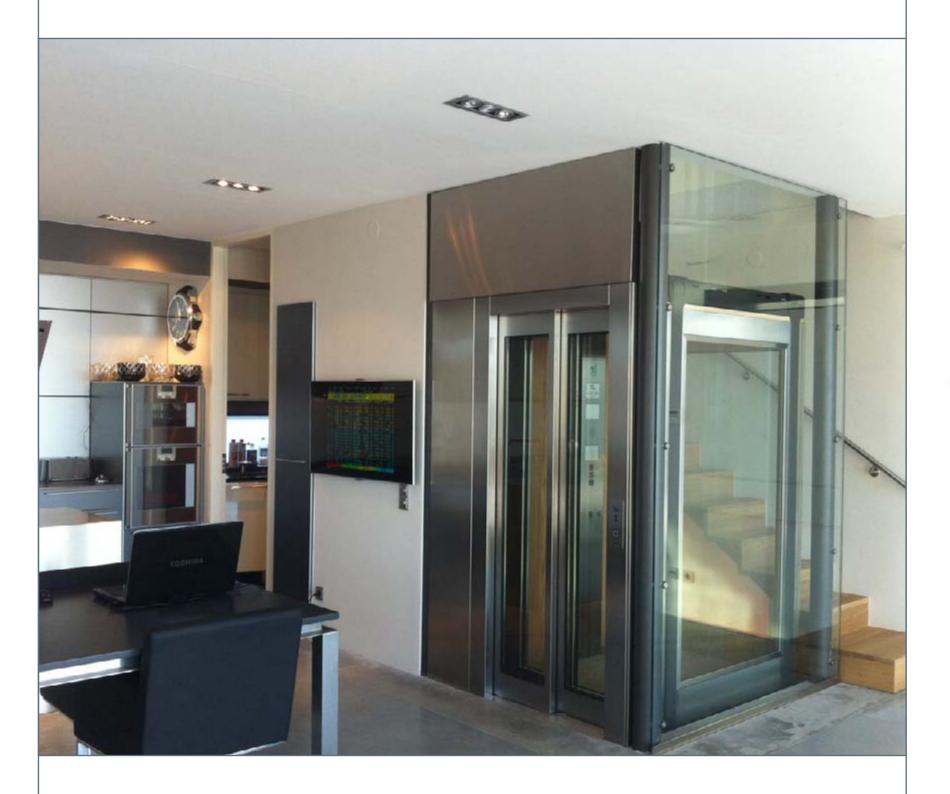
CARS



OPERATING PANELS

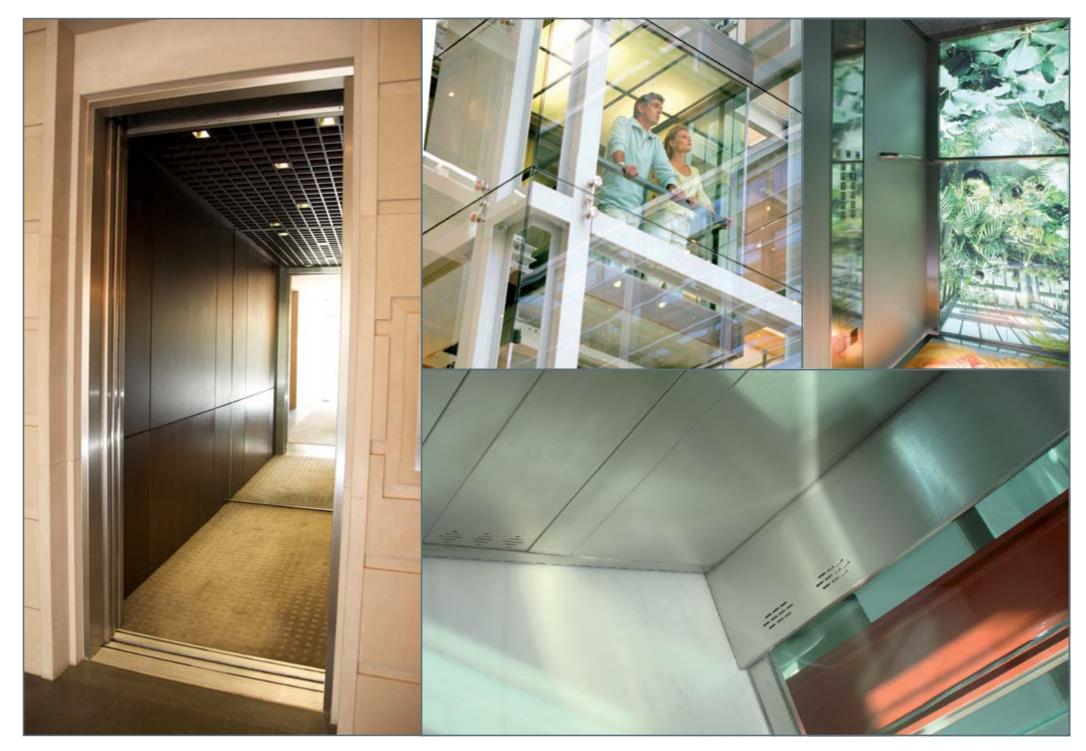


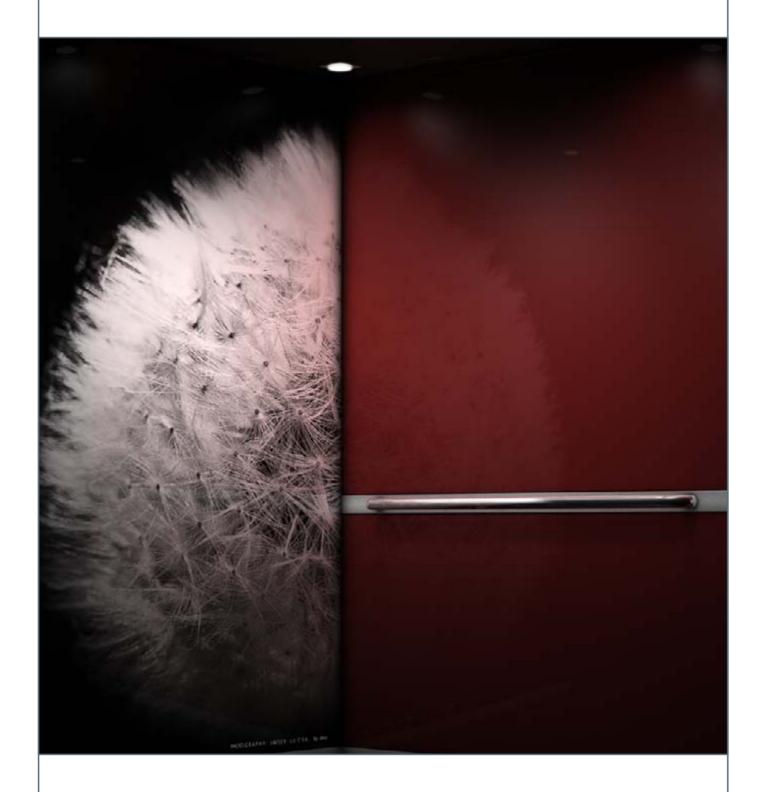














Flexibility and adaptation

Aesthetic and innovative solutions

Our wide range of cars offers functional, aesthetic and flexible solutions.

With a wide range of finishes, materials and designs, we offer the possibility of designing a unique car in line with your preferences and budget.

Tailored styles





D-100 D-300 C-400









Prêt-à-porter cars

The wide range of finishes as well as functional and structural elements allows for numerous combinations.

In this way we achieve cabins which integrate aesthetically into any kind of environment and satisfy the most stylish and functional preferences.

C-600 C/D-700 C/D-900

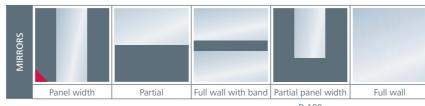






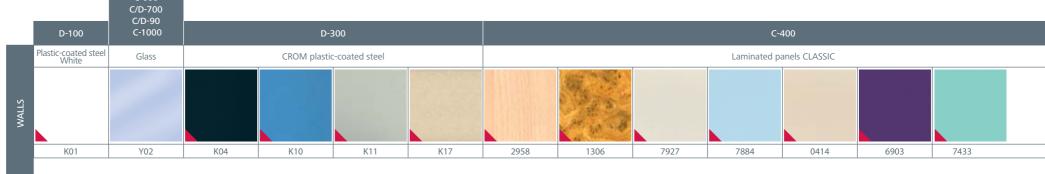


D-100 D-300 C-400 C-600



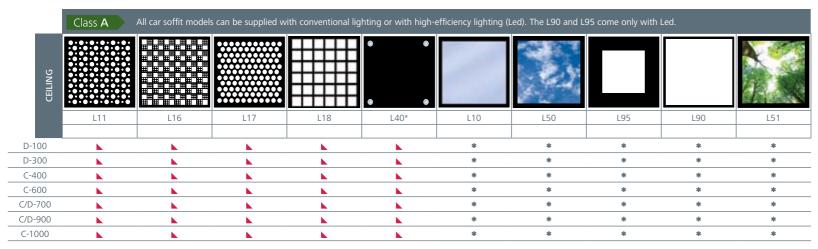
	D-100
	D-300
	D-700
-	D-900





	▼ CIRCLE-PATTERN	NED RUBBER		▼ VINYL RUBBER				▼ ANTI-BACTERIA	AL VINYL RUBBER	▼ PLATE		▼ NATURAL GRANITE	
FLOORS							4 + 4 + 4 + 4 + 4						
	R24	R28	R23	R37	R41	R58	R59	R11	R12	C03	C04	G00	
												Prepared for granite	
D-100	L	N	N	*	*	*	*	*	*	*	*	*	
D-300	k	N	L	*	*	*	*	*	*	*	*	*	
C-400	k	.	L	*	*	*	*	*	*	*	*	*	
C-600	*	*	*	k	k	k	k	*	*	*	*	*	
C/D-700	*	*	*	.	N		N	*	*	*	*	*	
C/D-900	*	*	*	*	*	*	*	*	*	*	*	*	
C-1000	*	*	*	*	*	*	*	*	*	*	*	*	





	*L40 FINISHES with protected ha	
K01	K04	K10
	100	
K11	K17	
KII	KI7	

C-600				C/D-700			CD-900					C-1000		
Laminated panels, TIMBER range				Stainless Steel, steel ZERO-ONE A range		Stainless steel, Steel One B-TWO range			ME	METAL laminated panels				
												, ,		
1293	7520	1672	2884	X02	X16	X12	X13	X14	X22	X25	F4770	F2026	F2063	
				Sb finish stainless steel	Sb finish stainless steel Plus	Stainless steel Mirror finish	Linen	Pigskin	Supermirror Shine	Golden Shine				

▼ GRANITE "ATIKA" GAMIV	1a angle			▼ ARTIFICIAL GRANITE			▼ PREPARED FOR C	-	
	MA.								
G01	G02	G03	G04	G53	G54	G59	G63	G64	G69
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
<u> </u>	<u> </u>	L		*	*	*	*	*	*
<u> </u>	N	k		*	*	*	*	*	*





FINISHES for Cars ROUNDED CORNERS AT REAR | SKIRTING AND ENTRANCES | HANDRAILS

ROUNDED CORNERS AT REAR		Œ	1		
ROI	X02	X12	X25	X16	X22
CORI	Sb finish stainless steel	Mirror finish stainless steel	Golden shine	Sb finish stainless steel plus	Supermirror shine
D-100					
D-300					
C-400	*	*	*	*	*
C-600	*	*	*	*	*
C-700	*	*	*	*	*
C-900	*	*	*	*	*
D-900					
C-1000	*	*	*	*	*

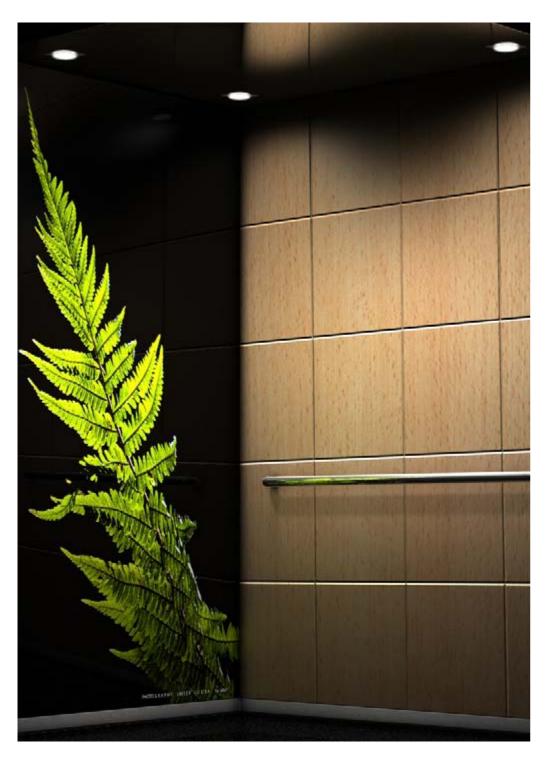


SKIRTING AND ENTRANCES							
E E	K04	X02	X12	X22	X25	X16	K10
S E	Plastic-coated	Sb finish stainless steel		Mirror finish stainless steel	Supermirror shine	Sb finish stainless steel plus	Sky. K10 plastic-coated
D-100	k	k	*			*	k
D-300	k	k	*			*	
C-400	*	L	*	*	*	*	
C-600	*	k	*	*	*	*	
C/D-700	*	k	*	*	*	*	
C/D-900	*	k	*	*	*	*	
C-1000	*	L	*	*	*	*	



HANDRAILS	No.								9	-
	P11X12	P12X12	P12X25	P12E04	P13X12	P13X25	P13E04	P13E10	P50X12	P50X25
D-100	*	*		*	N		k	k	*	
D-300	*	*		*	k		k	*	*	
C-400	*	*	*	*	<u> </u>	*	*	*	*	*
C-600	*	*	*	*		*	*	*	*	*
C/D-700	*	*	*	*		*	*	*	*	*
C/D-900	*	*	*	*		*	*	*	*	*
C-1000	*	*	*	*		*	*	*	*	*





MP AMBIENTUM

Customised cars

The new MP AMBIENTUM range offers innovative and aesthetic solutions. Customise the rear wall of the car with striking colours, stunning photographs or your company's logo.

Choose one of our standard motifs or choose an image of your choice.

Available for all cars







Customise the rear wall

Thanks to our MP Ambientum range and the flexibility which characterises it, all our cars can be designed to satisfy any taste.

Available for all cars



































MP GLASS

Designs tailored to your imagination

The perfect partnership between our adaptability and a design developed to surprise in all aspects.

The MP GLASS Lift is another demonstration of our spirit of innovation, flexibility and customer service, which have made us world leaders in this sector.



Adaptability and Versatility

Whether customising a standard option or developing a tailored design, MP GLASS Lift adapts to your needs.

Seeing lifts in a whole new light





CUSTOMIZATION

Going to town on design and service

The products in the MP GLASS lift range are capable of taking very different forms in accordance with the specific requirements of each design.



CONCEPT

We work closely with the architect, dealing with as many ideas and specifications as may be necessary in order to generate 3D images from which a close idea of what the end result will look like can be obtained.

DESIGN

From the proposal to manufacturing. We monitor all the phases involved in manufacturing to guarantee an optimum result on an aesthetic and functional level.

TRANSPORT

Translated into special transport. Goods are transported right up to their final destination by specialist personnel.

INSTALLATION AND START-UP

Turnkey projects. The process culminates in the installation and start-up of the lift.

Our service goes even further: we take charge of the maintenance of the product throughout its entire useful life.

STANDARD PANORAMIC CARS

Freedom to adapt

As well as complete customisation, we also offer you a series of standard models. Your specific needs will guide you when choosing from between various available options, all designed to be integrated into their surroundings, bringing you beauty and adaptability.

	MURANO	BOHEMIA	SAN LUIS	BACCARAT	SOWERBY	SEVRES
			TECHNICA	L DRAWING		
4 passengers						
6 passengers		~	~	→	→	<u> </u>
8 passengers		<u> </u>		<u> </u>	→	
10 passengers		V	<u> </u>	<u> </u>	→	Y
13 passengers		<u> </u>	<u> </u>	<u> </u>	<u> </u>	Y
16 passengers		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
20 passengers	· · · · · · · · · · · · · · · · · · ·	•	•	•	•	

OPTIONS

- Panel landing doors
- · Enclosed mechanisms
- · Enclosed frames

- · Panelled car entrances
- · Covered toe guard
- Domes
- Panelled car door
- Covered operator
- External components painted in matt black

CHARACTERISTICS (common to all panoramic models)

- DOMES: Straight, made from AISI 304 (X01) satin-finish stainless steel
- EXTERIOR WALLS: Glass surface, made from AISI 304 (X01) satin-finish stainless steel
- INTERIOR WALLS: Panels without separation, made from AISI 304 (X01) satin-finish stainless steel
- · HANDRAILS: With a glass surface. Tubular.
- LIGHTING: Halogen spotlights made from mirror shine stainless steel (X12)
- · FLOOR: Granite. Atica range.
- INNER CAR HEIGHT: 2100mm.



(4) Only at the rear and in type C cars

(5) Only in cars D700 and D900

EMENTS	SERIES	FINISHES								
		LIMIDUED	REFERENCES	D100	D300	C400	C600	C700/D700	C900/D900	C100
	Chrome	White	K01	.						
	Chrome	Black/ Ivory Cream/ Atlantic Blue/ Techno Grey/ Polar Silver	K04 / K08 / K10 / K11 / K14		L					
	Classic	Beech/ Blue/ Sand/ Grey/ Maple Amber/ Cassis/ Navy	2958/ 7884/ 0414/ 7927/ 1306/ 6903/ 7433			k				
	Timber	Secoya/ Tulipwood/ Saxon Oak/ Pear wood	1293 / 1672 / 7520 / 2884				L			
	Metal	Neptune	F4770							
WALLS	Metal	Copper/ Riveti	F2026 / F2063							*
	Steel Zero	X02 Sb finish stainless steel	X02					L		
	Steel One A	X12 mirror finish steel / X16 sb finish stainless steel plus	X12 / X16					*		
	Steel One B	X13 Linen/X14 pigskin	X13 / X14						L	
	Steel Two	X22 supermirror shine/X25 golden shine	X22 / X25						*	
	Vision	Glass wall	Y02	*	*		*	*	*	þ
	Entire panel width			N	N	N	N	N	N	1
IDDODG	Partial panel width			*	*			* ⁵	* 5	
IIRRORS	Partial			*	*	*	*	*	*	a)
	Full wall / full wall with band			*	*	*	*	*	*	3
	P13 Tubular	Painted black	E04	1	1	*	*	*	*	þ
	P13 Tubular	Painted blue	E10	2	*	*	*	*	*	3
	P13 Tubular	Mirror finish	X12	3	▶3				N	
NDRAILS	P13 Tubular	Golden Shine	X25			*	*	*	*	3
	P11 Tubular	Mirror finish	X12	*	*	*	*	*	*	3
	P12 Tubular (6)	Painted black / mirror finish / golden shine	E04 / X12 / X25	*9	* 9	*	*	*	*	3
	P50 Tubular	Mirror finish / golden shine	X12 / X25	*9	* 9	*	*	*	*	3
	Steel Zero	X02 Sb finish stainless steel	X02			*	*	*	*	3
DUNDED	Steel One A	X12 mirror finish steel / X16 sb finish stainless steel plus	X12 / X16			*	*	*	*	3
RNERS (4)	Steel Two	X22 supermirror shine/X25 golden shine	X22 / X25			*	*	*	*	3
	Circle-patterned rubber	Black / grey / blue	R24 / R28 / R23		<u> </u>		*	*	*	a
	Vinyl rubber	Sahara / beech / Moka grip / Carbon grip / Indigo	R37 / R41 / R58 / R59	*	*	*			*	3
	Antibacterial rubber	Altro blue / Altro grey	R11 / R12	*	*	*	*	*	*	3
	Metal	Almunium Grid / Inox drops	C03 / C04	*	*	*	*	*	*	3
LOORS	Granite	Prepared	G00	*	*	*	*	*	*	3
	Atica Granite	Ochavo Black / Porri Pink / Pearly Grey / White Glass	G01 / G02 / G03 / G04	*	*	*	*	*		
	Artificial granite	Night Mist/ haze/ City White	G53 / G54 / G59	*	*	*	*	*	*	3
	Artificial Eco Granite	Starlight/ Polar Cap/ Luna	G63 / G64 / G69	*	*	*	*	*	*	3
	Geometries	Perforated plate	L1X							
	Geometries	Halogen spotlights	140							
EILINGS	Geometries	Frosted glass	L10	*	*	*	*	*	*	3
	Geometries	Vinyl + frosted glass	L50	*	*	*	*	*	*	3
	Finishes	Painted	F04	7	T	-		T		
EILINGS	Finishes	Stainless steel mirror finish	X12	*	*	*	*	*	*	3
	Finishes	Golden finish stainless steel finish	X25			*	*	*	*	3
	Eco-efficient lighting	Fluoled/ Haloled	L1X / L40 / L10 / L50	*	*	*	*	*	*	3
EILINGS	Eco-efficient lighting	Placaled	L90 / 195	*	*	*	*	*	*	- 1
	Chrome	Black	K04	<u></u>	*	*	*	*	*	3
	Steel Zero	X02 Sb finish stainless steel	X02	3	3		*			
IRTING		Atlantic blue	K10	2						
IKTING	Chrome			*	*		*	-	- de	#
	Steel One A	X12 mirror finish steel / X16 sb finish stainless steel plus	X12 / X16	<u> </u>	<u> </u>	*	*	**	**	ج د
	Steel Two	X22 supermirror shine/X25 golden shine	X22 / X25	1						
	Chrome Stool Zoro	Black	K04	3	<u>1</u>	*	*	*	*	3
FRANCEC	Steel Zero	X02 Sb finish stainless steel	X01							
TRANCES	Chrome	Atlantic blue	K10	2	- Alle		- alla			
	Steel One A Steel Two	Mirror finish / sb finish stainless steel plus Supermirror shine / golden shine	X12 / X16 X22 / X25	*	*	*	*	*	*	*

(6) Only on the rear wall

(7) Painted E10 blue in D100 Sky

(8) Not in cars D700 and D900

(9) Finish X25 not permitted

(1) Night

(2) Sky

(3) Day



		CARS MP GLASS	MURANO	BACCARAT	вонеміа	SOWERBY	SEVRES	SAN LUIS
		Smooth, transparent glass	k	k				
		Transparent, semicircular 180 glass			k	k		
	VISION	Transparent, semicircular > 180 glass					k	k
		Panoramic ceiling. Smooth, transparent glass	*	*	*	*	*	*
		Direct joint between glass (without profiles)	*	.				
		Framed joint between glass (profile)	k	*				
O	EXTERNAL WALLS	Non-glass surface: Galvanised walls	k	k	k	k	k	
T	EXTERNAL WALLS	Non-glass surface: Covered in stainless steel	*	*	*	*	*	
D		Satin-finish stainless steel AISI304. (X01)	k	N	k	k	N	k
0	GLASS FRAMES	Stainless steel range STEEL ONE/TWO	*	*	*	*	*	*
R		Plastic-coated / painted steel	*	*	*	*	*	*
		Straight	k	L	k	L	L	k
		Other geometries	*	*	*	*	*	*
	DOMES	Satin-finish stainless steel AISI304 (X01)	k		k	L	L	<u> </u>
	DOIVIES	Stainless steel range STEEL ONE/TWO	*	*	*	*	*	*
		Plastic-coated / painted steel	*	*	*	*	*	*
		Decorative exterior lighting	*	*	*	*	*	*
	INTERNAL WALLS	Satin-finish stainless steel AISI304 (X01)	k	.	k	k	.	
		Stainless steel range STEEL ONE/TWO	*	*	*	*	*	
		Laminated / plastic-coated steel panels	*	*	*	*	*	
	WALL PANEL JOINTS	Panels without separations	k	k	k	k	k	
	HANDRAILS	Tubular, shine finish stainless steel	k	L	k	k	L	k
	HANDRAILS	Tubular, golden shine stainless steel	*	*	*	*	*	*
		Satin-finish stainless steel AISI304 (X01)	k		k	k	k	<u> </u>
	ENTRANCES	Stainless steel range STEEL ONE/TWO	*	*	*	*	*	*
I N		Plastic coated steel	*	*	*	*	*	*
D		Satin-finish stainless steel AISI304 (X01)	k		k	k	.	<u> </u>
0	SKIRTING	Stainless steel range STEEL ONE/TWO	*	*	*	*	*	*
R	SKIKHNO	Plastic coated steel	*	*	*	*	*	*
		Hidden	*	*	*	*	*	*
		Halogen spotlights on the ceiling made from MIRROR FINISH stainless steel (X12)	k	N	k	k	k	k
	INTERIOR LIGHTING	Halogen spotlights on the ceiling made from stainless STEEL ONE B/TWO	*	*	*	*	*	*
	INTERIOR EIGITING	False ceiling dotted with fluorescent lighting	*	*	*	*	*	*
		Optical fibre	*	*	*	*	*	*
		Marble / Granite Atica Range.	k	k	k	k		k
	FLOORS	Prepared for other types of floors	*	*	*	*	*	*
		Artificial granites. Artificial, ecological	*	*	*	*	*	*





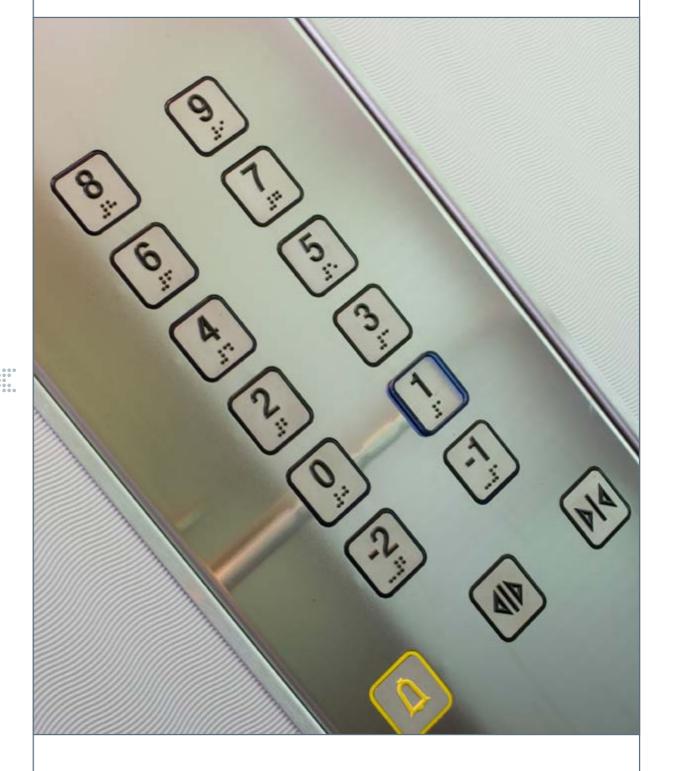






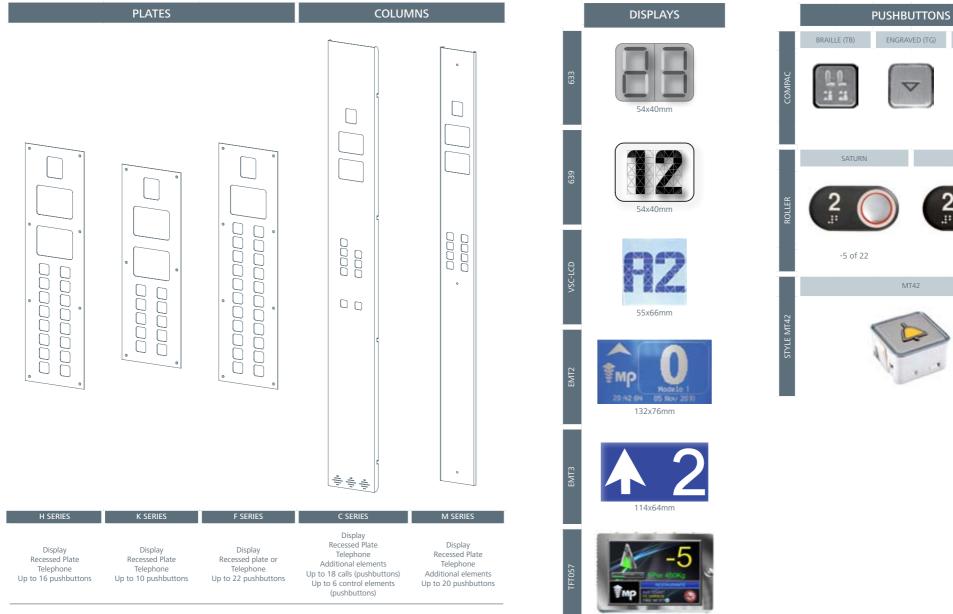
Car control station modules with pushbuttons

COMPAC | ROLLER | STYLE









TFT 5,7"



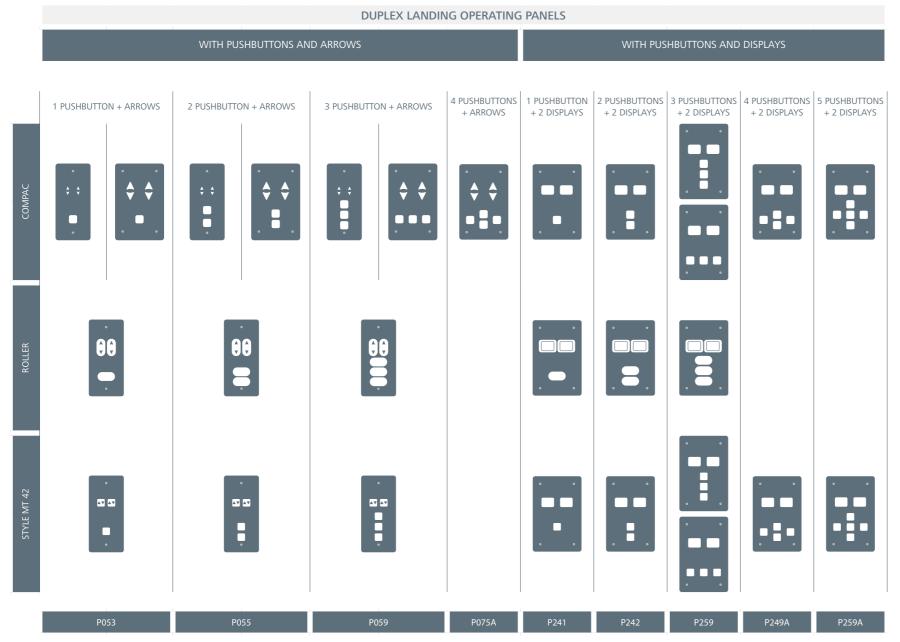


Landing OPERATING PANEL



				SIMPLEX LANDING	OPERATING PANEL			
	W	TTH PUSHBUTTO	NS	WITH PUS		WITH PUSHBUTTONS AND DISPLAYS		
	1 PUSHBUTTON	2 PUSHBUTTONS	3 PUSHBUTTONS	1 PUSHBUTTON	2 PUSHBUTTONS	3 PUSHBUTTONS	1 PUSHBUTTON	2 PUSHBUTTONS
COMPAC	•	•		• • • • • • • • • • • • • • • • • • •	÷			
ROLLER	•	•			· · · · · · · · · · · · · · · · · · ·	**************************************		
STYLE MT42	•							
	P001	P002	P006	P003	P005	P010	P101	P102









	POSITION INDICATORS AND NEXT DEPARTURE ARROWS										
		HORIZON ⁻	VERTICAL SERIES								
	WITHOUT DISPLAY	639 DISPLAY	EMT2 DISPLAY	EMT3 DISPLAY	WITHOUT DISPLAY	639 DISPLAY					
WITHOUT ARROWS		• PH110	PH110E	PH110E3		PV010					
1 ARROW (TOP LANDING)	°	· ▼ ■ ·	PH111E	PH111E3	PV001						
2 ARROWS (INTERMEDIATE LANDING)	° ▼ ♠ °	• ▼ ■ ♠ •	PH112E	PH112E3	♣ ▼ PV002						







PUSHBUTTON AREA WITH PUSHBUTTON STYLE MT42

IMAGES OF CAR CONTROL STATION MODULES

MB

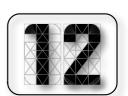
VS







CAR DISPLAYS



54X40mm



39X50mm

DISPLAYS ON IDP LANDING

54X40mm



114x64mm

STYLE MS42Lx KEY

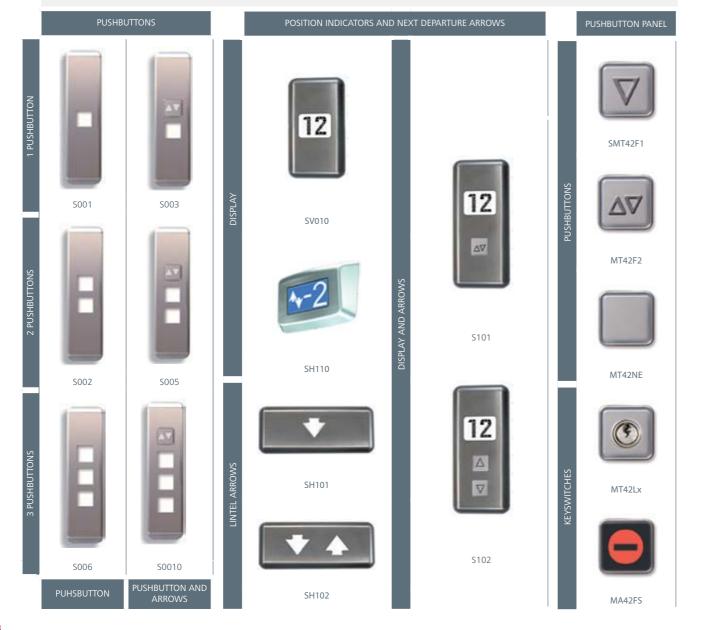
STYLE MT42AL PLISHBUTTON







LANDING OPERATING PANELS AND SURFACE INDICATOR STYLE MT42









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