



Mp Flex

Efficient Flexibility

Refurbishment solutions
for buildings without lifts

Accessibility and comfort

MP 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





PASSENGER LIFTS

Mp Flex



FEATURES

TYPE:	Gearless Lift
SUSPENSION:	1:1
LOAD:	180 kg to 1000 kg
CAPACITY:	2 to 13 persons
SPEED:	1 m/s
TRAVEL RANGE:	Up to 50 m
STOPS:	16 stops
ENTRANCES:	Single entrance, double 180° entrance, double 90° entrance and triple entrance
SERIES:	"S" machine room less "C" with a machine room

CAR

MODEL:	D-100 with 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:	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:	Display made up of 2 digits with Leds of 7 segments
	(Optional LCD and TFT display)
SAFETY:	Emergency light and telephone

LANDING OPERATING PANEL

MODEL:	P001, door frames
FINISH:	Stainless steel plate (XO2)
PUHSBUTTON:	Mechanical, polycarbonate plastic, fireproof pushbutton lit up with Leds
	(Optional: Mechanical, stainless steel pushbutton with halo lighting)
ENGRAVING:	Black logo (done with laser)

CONTROLLER

TYPE:	Via Serie controller and DSP inverter. Down collective or universal
CONTROLLER CABINET:	On the highest floor. Epoxy finish for "S" series
	(Optional: cabinet may be located on any floor)
	For "C" Series, located in the upper projection.

ELECTRIC INSTALLATION

	Pre-assembled with "Plug & Play" connectors
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MACHINE

	Gearless. Permanent maGO magnets With thermal safety cover for motor. Automatic rescue with emergency electrical controller
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BUFFERS

	Made from polyurethane with a metal pedestal included
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GUIDE RAILS

	Cold-Drawn / Machined
	In accordance with ISO 7465

FIXINGS

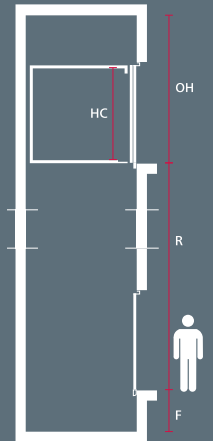
	Fixing brackets and plugs for concrete enclosure
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ELECTRICAL FEATURES

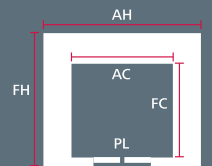
POWER SUPPLY VOLTAGE:	380 V three-phase
	(220 V single-phase option, see catalogue)
LIGHTING VOLTAGE:	220 V
FREQUENCY:	50 Hz

NOTE: Specifications correspond to the basic rate model.

DIAGRAM



STANDARD ENTRANCE



DOUBLE 180° ENTRANCE



DOUBLE 90° ENTRANCE



TRIPLE ENTRANCE





Gearless



2 to 13 persons



180 to 1000 kg



With machine room and machine roomless

Mp Flex



No. persons/Q/min. car area	2/180 kg/0,49 m²	3/225 kg/0,60 m²		4/320 kg/0,79 m²		5/375 kg/0,98 m²		6/450 kg/1,17 m²		8/630 kg/1,45 m²		10/800 kg/1,73 m²		13/1000 kg/2,15 m²	
Machine position	ON THE REAR WALL														
Shaft depth (mm)	1360	1440	Shaft width 900 mm	1380	Shaft width 1270 mm	1580	Shaft width 1270 mm	1580	Shaft width 1425 mm	1680	Shaft width 1575 mm	1930	Shaft width 1850 mm	1830	Shaft width
Minimum car dimension (width x depth)	700 x 820	700 x 900		1100 x 800		1050 x 950		1250 x 1000		1400 x 1100		1500 x 1200		2100 x 1100	
Clear opening (mm)/ Type of doors	600/BUS TYPE	600/BUS TYPE		700/T2		700/T2		800/T2		900/T2		1000/T2		1100/T2	
Machine position	ON A SIDE WALL														
Shaft width (mm)	1300	1500	Shaft depth 930 mm	1330	Shaft depth 1350 mm	1480	Shaft depth 1300 mm	1530	Shaft depth 1500 mm	1630	Shaft depth 1630 mm	1920	Shaft depth 1800 mm	1830	Shaft depth
Car dimension (width x depth)	780 x 750	820 x 750		800 x 1100		950 x 1050		1000 x 1250		1100 x 1400		1200 x 1500		1100 x 2100	
Clear opening (mm) / Type of doors	600/BUS TYPE	700/BUS TYPE		700/T2		800/T2		800/T2		900/T2		1000/T2		1000/T2	
Minimum pit in accordance with EN 81-20/50	1300	1300		1024		1024		1024		1024		1350		1350	
Minimum pit in accordance with EN 81-21	315	315		315		315		315		315		810		810	
Minimum headroom in accordance with EN 81-20/50	4325	4325		3400		3400		3400		3400		3800		3800	
Minimum headroom in accordance with EN 81-21	2800 mm* S Series 2450 mm C Series	2800 mm* S Series 2450 mm C Series		2800 mm* S Series 2450 mm C Series		2800 mm* S Series 2450 mm C Series		2800 mm* S Series 2450 mm C Series		2800 mm* S Series 2450 mm C Series		3626 mm* S Series		3626 mm* S 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		6 kW / 8,1 HP		7,4 kW / 10 HP	
Nominal Intensity (A)	5,4	6,8		7,7		9,3		11		14		17		20	
Single-phase option	YES	YES		YES		YES		YES		NO		NO		NO	
90°/270°/180° double entrance option	PLEASE CONSULT	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		PLEASE CONSULT	
Option for adaptation to flat sliding folding door (Bus)	YES	YES		YES		YES		YES		YES		YES		YES	

* This may be reduced to 2700 mm if the height of the car is decreased to 2000 mm.

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

* In the event of adapting the MP GOI 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.

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