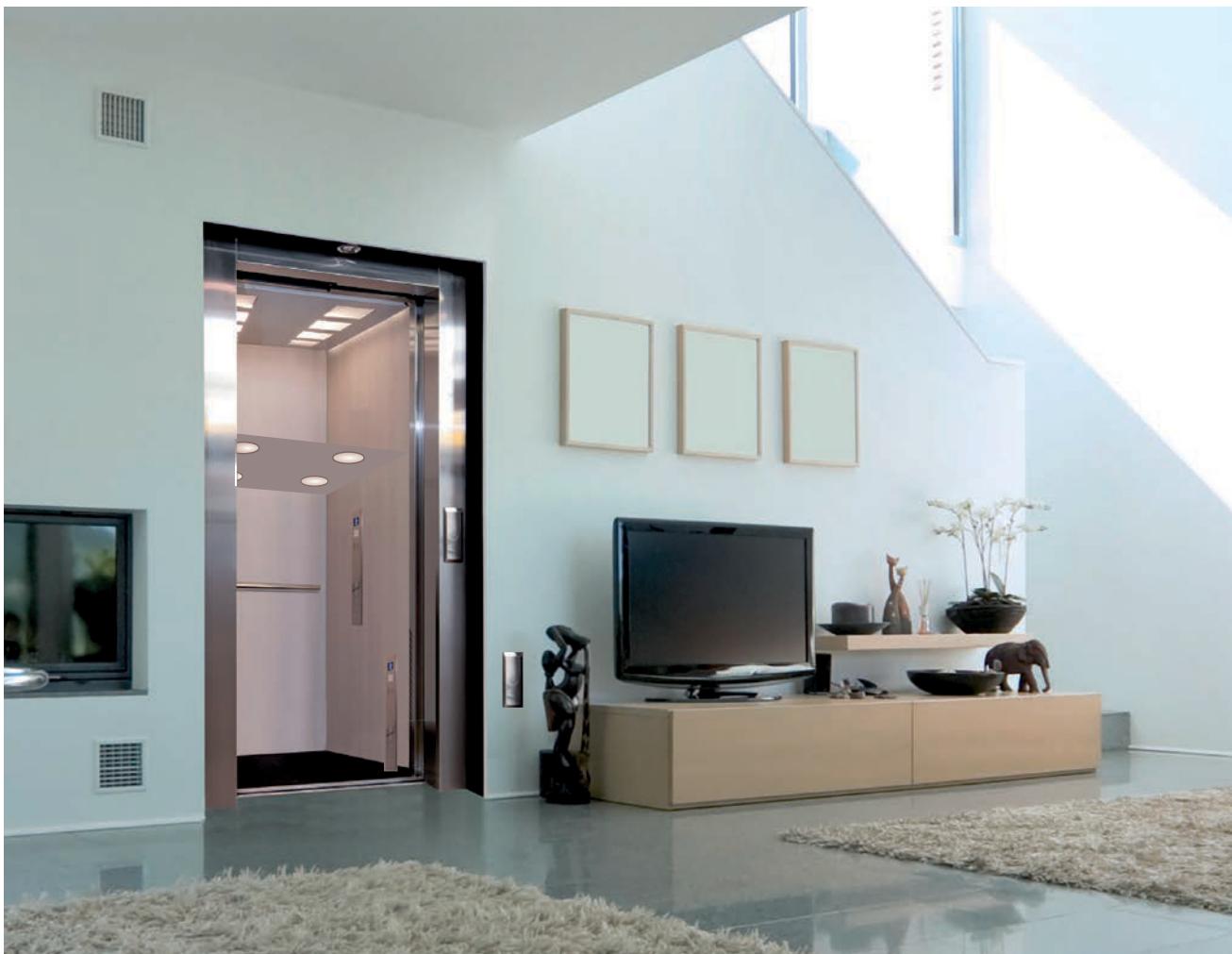




**Mark
Care**

MC-P1100

PASSENGER ELEVATOR GERMAN TECHNOLOGY



*** *Sustain & Durability***



**Mark
Care**



MC-PL1100 Presents Home Elevator

MARK CARE, manufacturer of elevator components, now presents the MCH100, a home elevator specifically designed for the discerning customer.

MC- PL1100 FEATURES

Flexibility

- Suitable for civil and structural shafts.
- Can be easily installed in existing building architecture with minimum disruption.
- Suits applications ranging from Villas, Duplex/Triplex Penthouses and G+6 constructions.
- Wide range of sizes to suit every need.



Ride & Comfort

- Ultra Smooth starting and stopping
- Silent Operation



Care for Seniors & Differently Abled

- Inverter ready - can work when power supply fails
- Automatic Rescue Device (ARD)
- ARD malfunction alert
- Wide doors for easy wheelchair access
- Buttons easy to reach from a wheelchair
- Handrails in the Cabin



High on Customization

- Wide choice of Colours
- Special Finishes in Stainless Steel
- Glass Cabins and Doors
- Varieties of operating panels

Safety & Reliability

- Emergency Rescue - Electrical & Mechanical
- Full Height Light Curtain
- Emergency Light in Cabin
- Alarm
- Intercom

German Technology

- Precision Engineering, Proven Reliability and Solid Dependability.



THE MC - PL1100 ADVANTAGES



FULL COMPLIANCE TO INDIAN STANDARDS

Guaranteed Lift Licence
Easy Building Permit



OPERATES ON SINGLE PHASE POWER SUPPLY

Suits both single / three phase
Works on Inverter*
Very low cabling costs
Lesser electrical hardware costs



COMPACT DESIGN

Low pit & Low Overhead
Lesser Lift shaft requirement



QUICK INSTALLATION

Optimized Packing
User Friendly Manuals
Plug and Play Controllers



DURABLE AND RELIABLE

German Technology
FEA Calculations
ARD Self diagnosis



A SILENT AND COMFORTABLE RIDE

Gearless Machine
Integrated VVVF Drive



REDUCED ENERGY CONSUMPTION

LED Lights
Zero watt standby mode doors

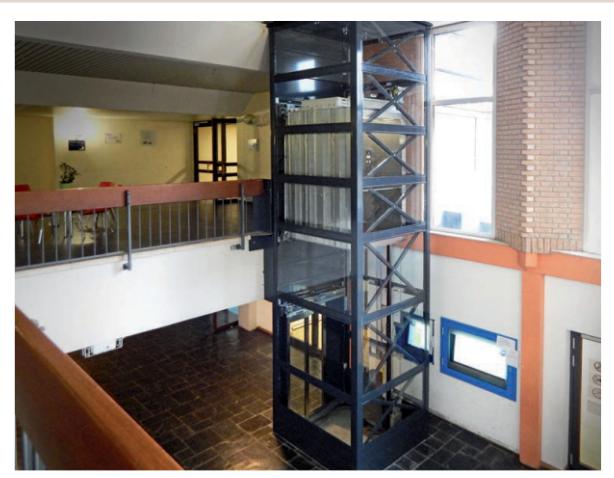
* 6 kVA



Specification	Details	IS 15259 Compliance
Capacity	4 - 6p	✓
Load, Kg	256 - 408	✓
Speed, mps	0.7 & 1	✓
Stops	4	✓
Travel, mtr	12	✓
Low pit, 300mm	Mechanical Stopper	✓

Specifications:

Type :	Machine-Roomless, Electric Traction Drive
Power supply :	Single Phase 230V 408 kgs 2.8 kw
Machine :	PMSM Gearless
Hoistway :	Civil/Structural-customer scope
Controller :	Integrated VVVF Drive
Cabin finishes :	Mild Steel Powder coated / Stainless steel / Glass
Cabin height (below suspended ceiling) :	2050mm
Doors :	Center opening (C2) & Telescopic opening (T2)
Door Finishes :	Mild Steel Powder coated / Stainless steel/ Framed Glass Doors
LOP/COP :	SS Face plate with Button-surface mount / Touch-Box type
Display (LOP/COP) :	SS Face plate with Buttons - Dot Matrix & TFT Touch - TFT
False ceiling :	Stainless steel with LED spot lights
Flooring :	PVC mat / Recess (20mm / 25mm)
Handrail :	Optional
Infrared sensor :	Full Height
Overload Indicator :	Optional
Intercom :	2 way
Automatic Rescue Device :	Provided
Emergency Light :	Provided
Wheel Chair access :	Optional
Floor Annunciator :	Optional
Levelling Accuracy :	+/-5mm



Technical Data - Controller

- Compact and slim service panel
- Service Controller beside the top landing door in SS finish
- Shaft Controller inside the shaft on top floor
- Automatic evacuation function with indication on COP
- Down collective, full collective (Optional)
- The Plug-and-play controller with CAN-bus-technology for quick installation
- Pre-wired travelling cable
- Landing operation panels and car operation panels pre-wired and plug-in-type
- Automatic car light off
- Hand held terminal for easy programming and diagnosis
- Automated testing (Daily/Weekly) of ARD

Drive Technology

- Field-oriented frequency Drive integrated into controller cabinet for a smooth drive
- Programming via graphical keypad directly connected to the controller
- Supports Single/Dual entrances (Through Car)
- Dual entrances can be operated independently

Car and Landing Operating Panel



COP - MC001



COP - MC002



COP - MC003

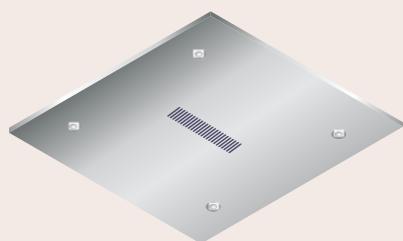
Car Operation Panel

- Surface mount SS hairline/Black glass touch type
- Round micro push buttons (Braille - optional)
- Alarm, Door open, Door close & intercom buttons
- Customer Logo on COP and LOP

Display & Floor Designation

- Dot-matrix - (-1 to -8, 0 to 9, B,G,M,T)
- TFT Display - (-1 to -8, 0 to 9, B,G,M,T,PB1,B2)

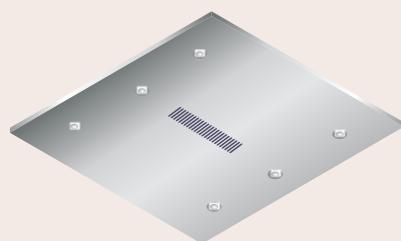
Suspended Ceiling Design



Handrail



Suspended Ceiling Design



Polished Stainless steel handrail,
38mm diameter, on rear cabin wall

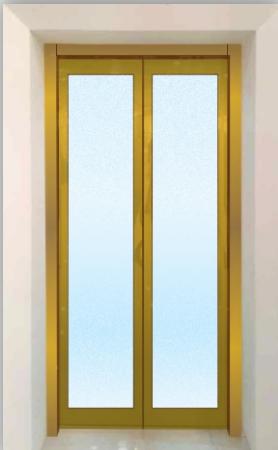
SS Metal Door



SmallVision Panel Door



Glass Door

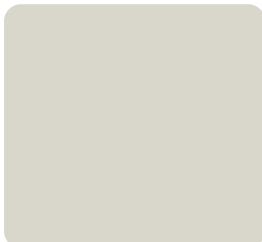


Cabin Finishes



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Standard Finishes



RAL 7035H*



00304 - No. 4



304M



EXP01 Vertical silver

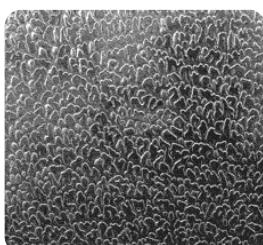


SP 074 - HCSS

Special Finishes*TC



SP 003 - Golden Mirror



SP 011 - Leather



SP 020 - DL7E



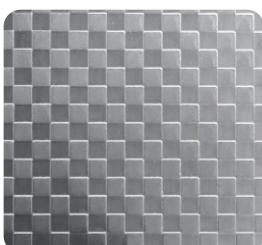
SP 032 - Bronze No. 4



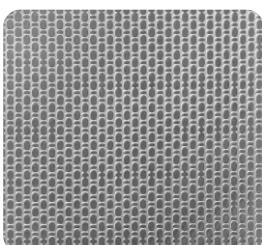
SP 034 - Bronze Mirror



SP 001 - Honey comb



SP 006 - Checks



SP 007 - Linen



SP 009 - Moon rock



SP 012 - Black mirror



SP 047 - Black hairline

*RAL 7035H not available in Suspended ceiling

**other finishes also available on request

Floor Finishes (PVC Floor Mat)



SP 025 - Wood finish



SP 026 - Shadow white



SP 027 - N Blue



Shaft Sizes & Car Sizes

CAPACITY	SPEED	DOOR		CAR SIZES		SHAFT SIZES		OVERHEAD	PIT
in kg	in m/s	Door Type	EW x 2000mm ht.	W in mm	D in mm	SW in mm	SD in mm	in mm	in mm
272, 340 & 408	0.5 to 1	T2	700	800 to 1200	1000 to 1400	W+600	D+350		
		T2	800	900 to 1200	1000 to 1400	W+600	D+350		
		C2	700	800	1000 to 1400	1600	D+300		
		C2	700	850	1000 to 1400	1600	D+300		
		C2	700	900	1000 to 1400	1600	D+300		
		C2	700	950	1000 to 1400	1650	D+300		
		C2	700	1000	1000 to 1400	1650	D+300		
		C2	700	1050	1000 to 1400	1650	D+300		
		C2	700	1100	1000 to 1400	1700	D+300		
		C2	700	1150	1000 to 1400	1750	D+300	Min. 3000	Min. 300
		C2	700	1200	1000 to 1400	1800	D+300		
		C2	800	900	1000 to 1400	1775	D+300		
		C2	800	950	1000 to 1400	1775	D+300		
		C2	800	1000	1000 to 1400	1775	D+300		
		C2	800	1050	1000 to 1400	1775	D+300		
		C2	800	1100	1000 to 1400	1775	D+300		
		C2	800	1150	1000 to 1400	1775	D+300		
		C2	800	1200	1000 to 1400	1800	D+300		

T2 = Telescopic 2 panel

D = Car Inside Depth

C2 = Center opening 2 panel

SW = Shaft Width

EW = Entrance Width

SD = Shaft Depth

W = Car Inside Width

➤ 3100mm Overhead for 2100mm Door Height

➤ 3400mm Overhead for Glass Cabin

➤ Specifications/dimensions may vary as per local lift rules applicable. Responsibility to verify the same lies with the buyer

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