



**efficiency - design - simplicity**

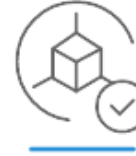
[www.mm-platformlifts.com](http://www.mm-platformlifts.com)



# ADVANTAGES



Security



Comfort



Easy assembly



Design



Affordable



Efficient

*The MM CPL innovative design, eco friendly residential and home lift that creates reliable access from one floor to another with a comfortable and luxurious feeling.*

## **Simple installation:**

Simple means less, but efficient so due to its easy installation that both Install team and end users appreciate. MM CPL takes couple of days to assemble depending on access and lift travel.

## **Single shipment:**

To facilitate assembly, all parts and Components are shipped in a single Package to avoid loss of parts and also Saves spaces on site.

## **Space saver:**

Being a MRL (motor room less) lift and no counterweight, the MM CPL Is one of the space saver residential and home lift in the market.

Also, unlike other platform lifts in the market, MM CPL doors are automatically slides in/out similar to a conventional lift, but absolutely lower cost and could be lower cost than a platform lift swing doors.

## **Innovative design:**

With refined lines and using unique leading generation materials, our cabin lifts creates a luxurios but comfortable experience.

Several choices of carriage panel designs, Flooring, profile finishes and any other custom Design that can be installed without tampering The safety feature of the lift.



# **TECHNICAL CHARACTERISTICS**



## General characteristics (mm)



	CPL model 1	CPL model 2
<b>Minimum head</b>	2.600	2.700
<b>Minimum pit</b>	190	200
<b>Max car dimensions</b>	1.000 x 1.250	1.000 x 1.400
<b>Min car dimensions</b>	900 x 1.000	1.000 x 1.200
<b>Minimum shaft required</b>	1.270 x 1.220	1.550 x 1.650
<b>Free door passage</b>	700/800	800/900
<b>Car clearance</b>	2.100	2.100

<b>Type of operation</b>	Electric by belt, without counterweight
<b>Utilization</b>	Passengers only
<b>Max. number of passengers</b>	Up to 5 people
<b>Carga nominal</b>	Up to 400 kg
<b>Cabin</b>	Aluminum composite
<b>Counterweight mass</b>	Without counterweight
<b>Nominal speed</b>	0,15 m/s - 0,30 m/s
<b>Maximum number of stops</b>	No limit within the maximum travel
<b>Boarding</b>	Simple or double at 90°, 180° or 270°
<b>Maximum travel</b>	15.000 mm
<b>Minimal headroom</b>	2.600 mm
<b>Minimum pit</b>	190 mm
<b>Doors</b>	Inox and primming
<b>Pull factor</b>	1:1
<b>Simple belt model</b>	Made of polyethylene, with 22 steel cables of 1 mm, each one inside. Total width: 5.5 cm
<b>Double belt model</b>	Made of polyethylene, with 16 steel cables. Width of 1 belt: 40 mm
<b>Machinery area</b>	Room-less, machinery on the end of the guides
<b>Motor</b>	1.5 Kw gear motor
<b>Supply</b>	220 V, single phase 50 Hz, with frequency variation
<b>The ceiling</b>	Walkable with maintenance control panel
<b>Control panel</b>	Surface both in the car (2 options) and outside
<b>Cabin doors</b>	Without doors / bus or car / stainless steel finish
<b>Landing doors</b>	Semi-automatic or auto / primming or stainless steel finish

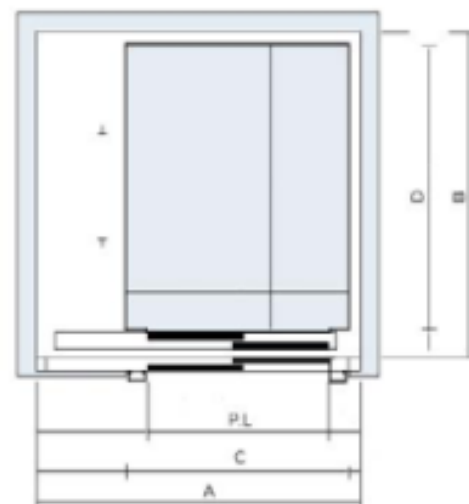
# MM CPL model 1

With automatic doors in the cabin.



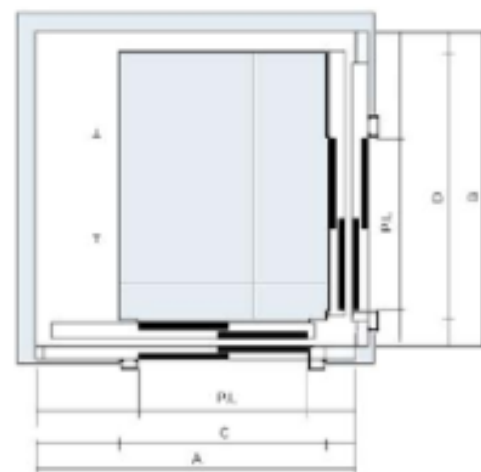
## Simple boarding:

Simple boarding	1.000 x 1.250 (max. measures)	1.000 x 1.000	900 x 1.000	850 x 900
Shaft width (A)	1.450	1.450	1.270	1.270
Hollow bottom (B)	1.450	1.200	1.200	1.100
Area (m <sup>2</sup> )	1.25	1	0.9	0.77
N°People	4	3	3	2
Load (Kg)	300	250	225	175
Free door passage (PL)	800	800	700	700



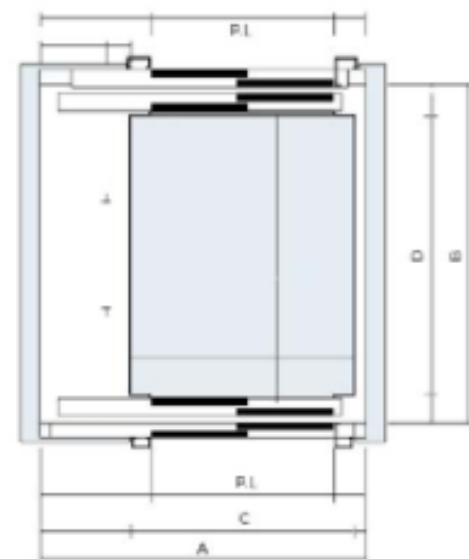
## Double boarding 90°:

Double boarding 90°	950 x 1.250 (max. measures)	950 x 1.100	900 x 1.000	900 x 900
Shaft width (A)	1.550	1.550	1.400/1.360	1.400
Hollow bottom (B)	1.500/1.450	1.500/1.450	1.450/1.300	1.400
Area (m <sup>2</sup> )	1.19	1.05	0.95	0.81
N°People	3	3	3	2
Load (Kg)	275	250	225	200
Free door passage (PL)	800	800	700	700



## Double boarding 180°:

Double boarding 180°	1.000 x 1.100 (max. measures)	1.000 x 1.000	900 x 1.000	900 x 900
Shaft width (A)	1.450/1.420	1.450/1.420	1.300	1.300
Hollow bottom (B)	1.400	1.300	1.300	1.200
Area (m <sup>2</sup> )	1.1	1	0.9	0.81
N°People	3	3	3	2
Load (Kg)	275	250	225	200
Free door passage (PL)	800	800	700	700

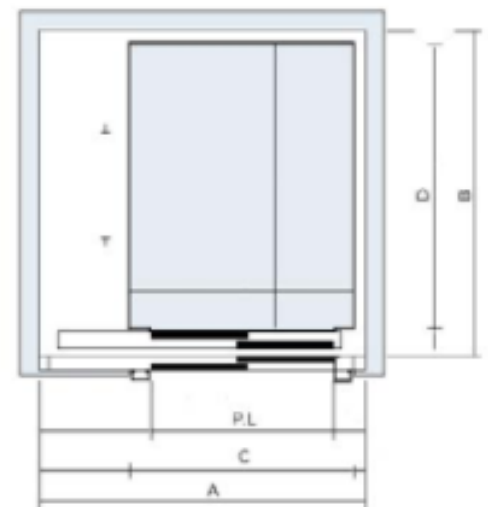


\* For other dimensions and / or configuration, consult.

## MM CPL model 2 Adapted to the UNE EN 81-40 standard.

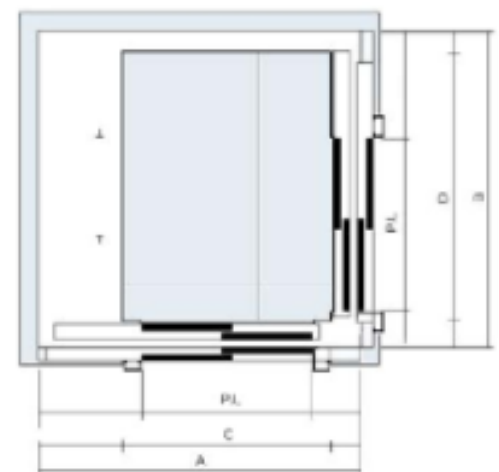
### Simple boarding:

Simple boarding	1.100 x 1.400 <small>(max. measured)</small>	1.000 x 1.200 <small>(min. measured)</small>
Shaft width (A)	1.600	1.500
Hollow bottom (B)	1.600	1.400
Area (mf)	1.54	1.1
N°People	5	3
Load (Kg)	400	300
Free door passage (PL)	900/800	800



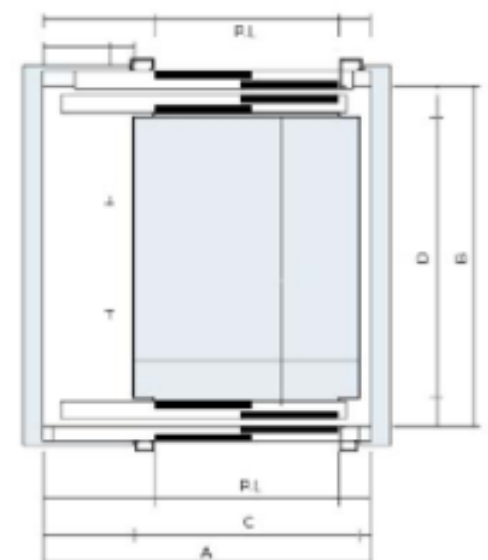
### Double boarding 90°:

Double boarding 90°	1.100 x 1.400 <small>(max. measured)</small>	1.000 x 1.200 <small>(min. measured)</small>
Shaft width (A)	1.700	1.550
Hollow bottom (B)	1.650	1.700
Area (mf)	1.54	1.1
N°People	5	3
Load (Kg)	400	300
Free door passage (PL)	900/800	800



### Double boarding 180°:

Double boarding 180°	1.100 x 1.400 <small>(max. measured)</small>	1.000 x 1.200 <small>(min. measured)</small>
Shaft width (A)	1.600	1.500
Hollow bottom (B)	1.650	1.750
Area (mf)	1.54	1.1
N°People	5	3
Load (Kg)	400	300
Free door passage (PL)	900/800	800



\* For other dimensions and / or configuration, consult.

**Absence of counterweight**  
(use max. of the shaft)

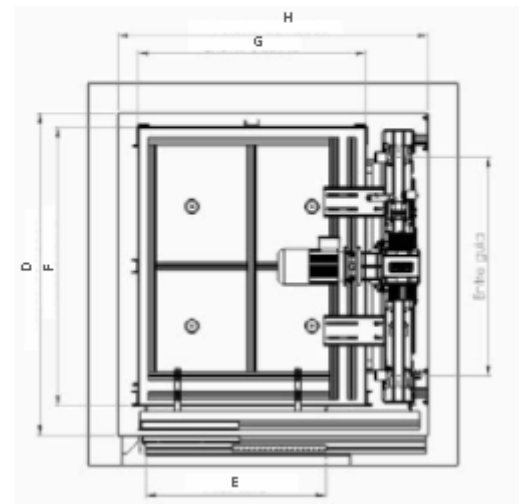
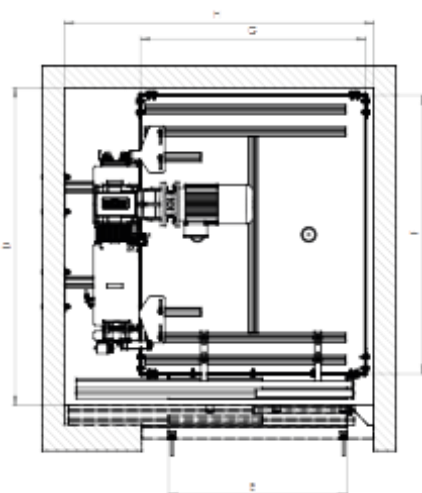
**Walkable car ceiling**  
Maintenance operation panel.

**Top motor**  
inside the hole.

**Belt**  
Designed to go 2000 rpm.  
cabines.  
Width of 1 belt: 40 mm.

**CPL model 1**  
With automatic doors

**CPL model2**  
Adapted to regulations  
UNE EN 81-40

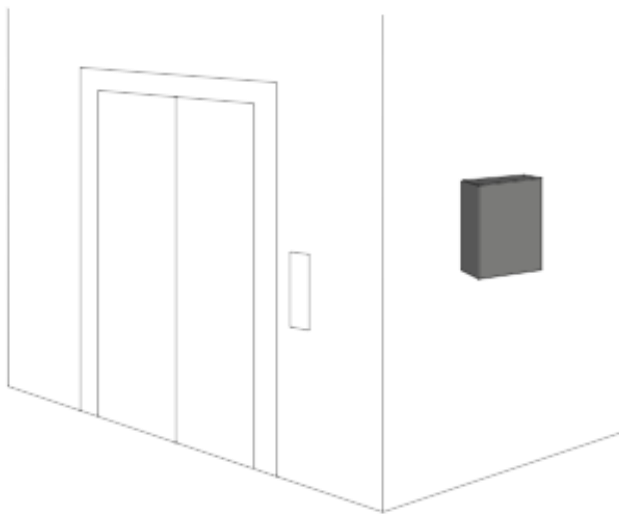


## Usual location of the control panel

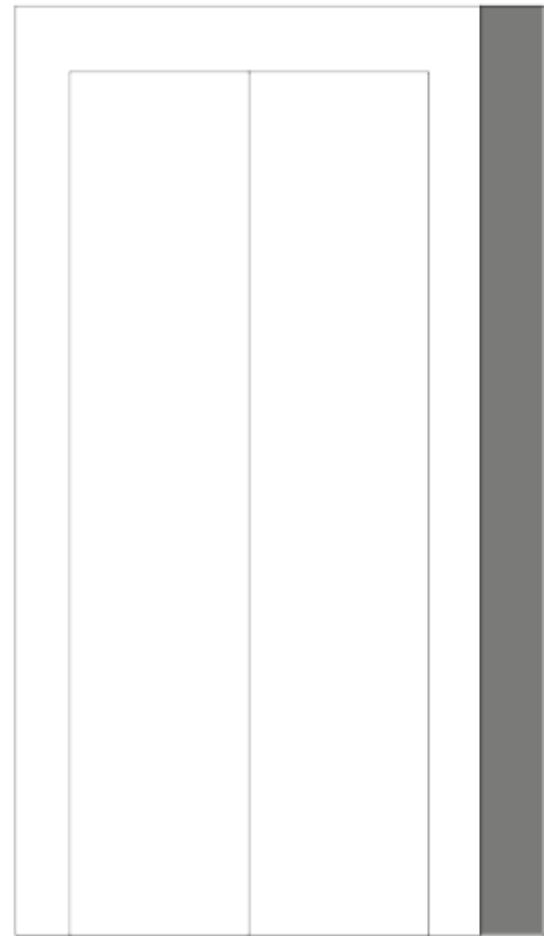
The MM CPL (cabin platform lift) models comes with a square control panel with dimensions of 600 x 600 x 250 mm.

It can be installed on any floor.

By request, a different cabinet measuring 250 x 2000 x 200 mm is available.



Control panel 600x600x250 mm.



Control panel 250x2000x200 mm.

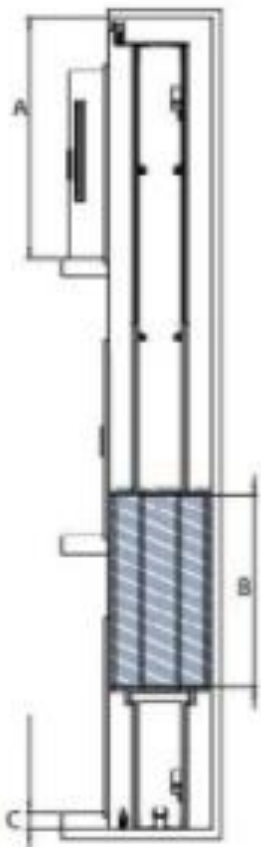
## Safety features

- ✓ Autonomous rescue system with opening of car doors in case of power failure.
- ✓ Stop button in the cabin (when it does not have doors).
- ✓ Two-way phone built into the control panel.
- ✓ Safety gear actioned by overspeed governor.
- ✓ Photoelectric barrier (when it does not have cabin doors).
- ✓ Hold to run button when there are no car doors (mandatory).
- ✓ Landing and cabin doors locking when in motion.
- ✓ Emergency lighting in case of power failure.





# Elevation



## Control cabinet



Standard dimensions:  
(Width x Height x  
Depth): 60 x 60 x 30 cm\*  
Finishes: Primer of  
Stainless Steel  
(Optional).

\*Possibility of putting a built-in wardrobe in the door frame.

## Space saver door



## Automatic

### Floor finishes

Standard car floor finishes:



**Lisboa**



**Faro**



**Viseu**

