

TB-MP009

## TECHNICAL BULLETIN

INFORMATION ONLY

**For the Attention of :** Graham Mears, Paul Ayers, Larry Power, Peter Amura, Passenger Salesteam, CDO

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**Date :** 24 Nov 2014

**Product :** MP

**Subject :** Fire Fighting Lifts, Doors and Helpmate

**Pages :** 2

### Background

The recent Job ST340011 gave us the opportunity to research in depth issues around ordering a Fire Fighting lift with door type (Fermator or Massen) clarify the internal car height and corresponding headroom.

This bulletin will provided you with additional information to assist when ordering Fire Fighting lifts from MP using HelpMATE. The aim of this research and bulletin is to clarify 100% specific points we have come across over the past few months, thus avoiding any additional costs to rectify after the order has been placed.

### Ordering Fire Fighting lifts

When the Fire Fighting lift using Helpmate, you **MUST** follow these rules:

Decription	Value
» Capacity ( Kg )* «	630
No. of passengers	8
Lift drive	MACHINE-ROOMLESS TRACTION LIFT
Normative	DC 95/116/EC
EN81-1/2-96+A3:2009	YES
Other additional normative	NO
Disabled accessibility local normative	NO
EN81-70 Normative	YES
EN81-26 Normative	YES
Firefighters maneuver*	EN81-72
No. of landings*	6
Rated speed ( m/s )*	1.6
Double entrance	NO
Lift in operation	SIMPLEX
Self-supporting structure	NO
ACCESS TO SHAFT PLUGIN. MAIN MENU	OK
Car dimensions	DEFINED BY MP
Counterweight safety gear	NO
Drive technology	GEARLESS
MRL configuration	SELF-SUPPORTING
Serie	GO!
Automatic drawings (see options in "help")	NO
Suspension	2.1
Lift model	MP GO! EVOLUTION

1. If you specify in Helpmate Fermator doors (landing & car) then there are **no** issue with the Internal car height – the **usual 2,100mm** height will apply and no change to the headroom requirement 3,400mm to U/S of the lifting beams. Fermator doors are more expensive and have longer lead time than Massen - Reveco.
2. However, if you specify Massen – Reveco (landing & car doors) the internal car height **needs to be adjusted to either 2,150mm or 2,050mm** (depending on what your customer wants). The reason for this dimension is so the car door does not collapse against the ladder used for the fire fighting.
3. If your customer wants an internal car height of 2,050mm your headroom will remain at 3,400mm to U/S of the lifting beams.
4. If your customer wants an internal car height of 2,150mm then you will need a headroom of 3,500mm to the underside of the lifting beams. **Please note – when you specify an internal car height of 2,150mm, HelpMATE will automatically adjust the door clear opening height to 2,100mm and you need to adjust it manually to 2000mm if it needs to.**

## Recommendations:

- For internal car height of **2,100mm** HelpMATE will default to Fermator doors only and a standard headroom of 3,400 to U/S of the lifting beams.
- For internal car height of **2,050mm** HelpMATE gives you the choice of Massen & Reveco doors with standard headroom of 3,400 to U/S of the lifting beams.
- For internal car height of **2,150mm** HelpMATE gives you the choice of Massen & Reveco doors but you will need a headroom dimension at least 3,500mm to u/s of lifting beams. **Please note – when you specify an internal car height of 2,150mm, HelpMATE will automatically adjust the door clear opening height to 2,100mm and you need to adjust it manually to 2000mm if it needs to.**

I hope you all find this Bulletin to be of help and should you have any questions about this topic or would like to know a little more about 'absolute positing' then please contact me on **Ext 8646 or DDI 01264 34 36 46**

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