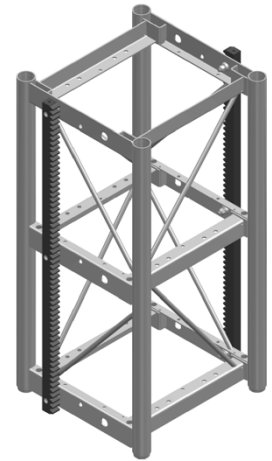
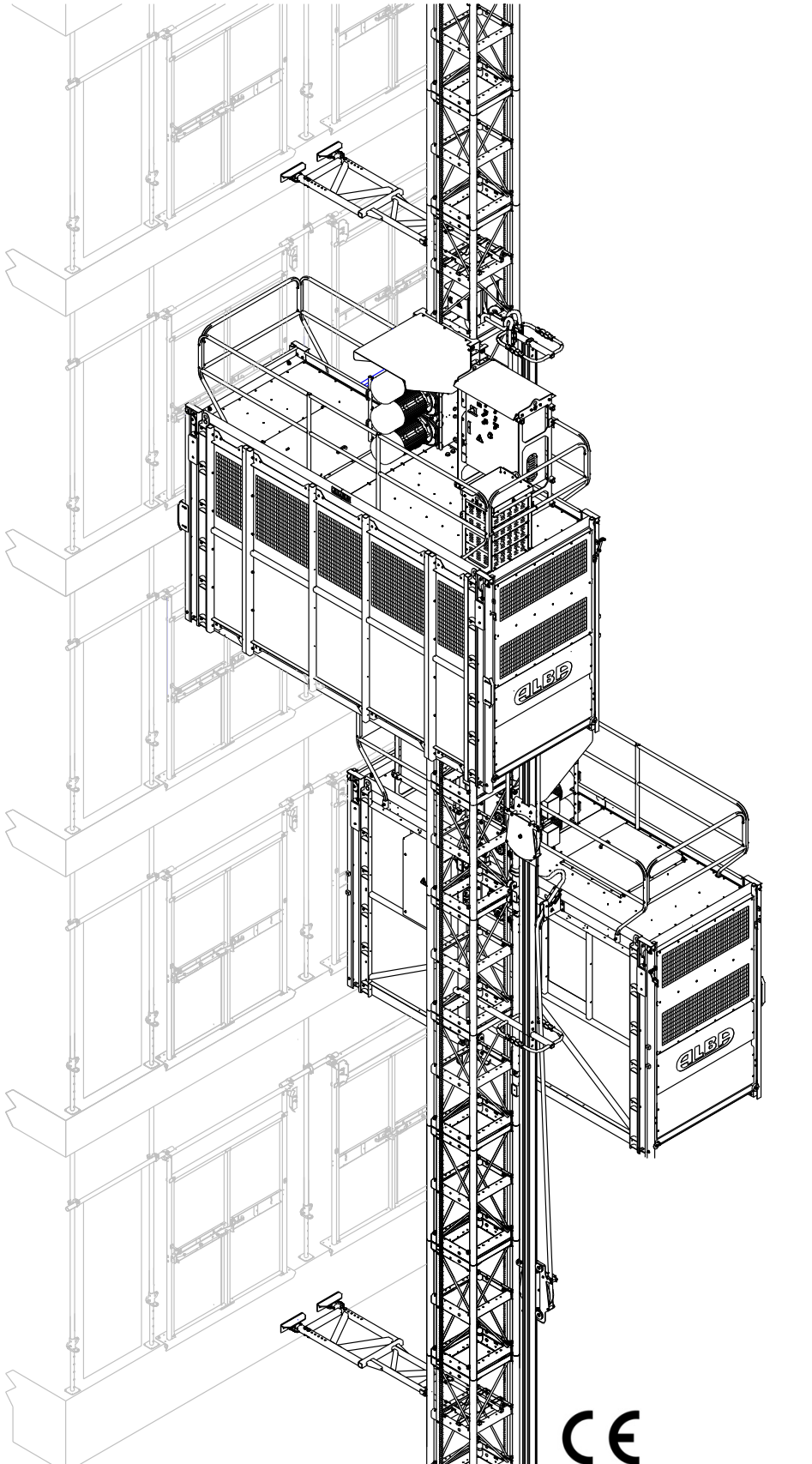




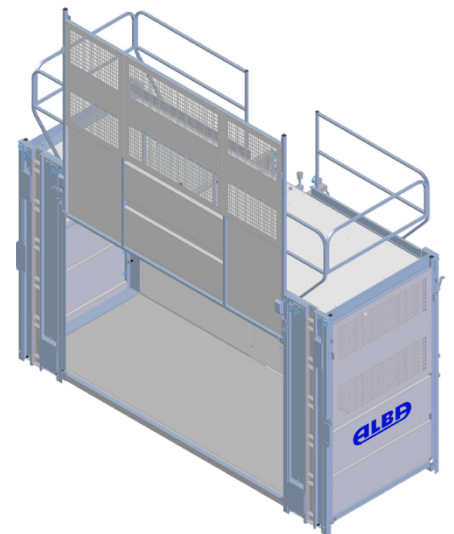
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PMH

RACK-PINION PASSENGERS & MATERIAL HOIST



650 COMPATIBLE MAST
M8 HOT GALVANIZED STEEL

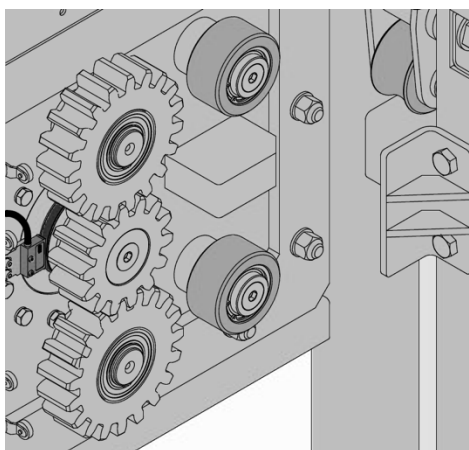
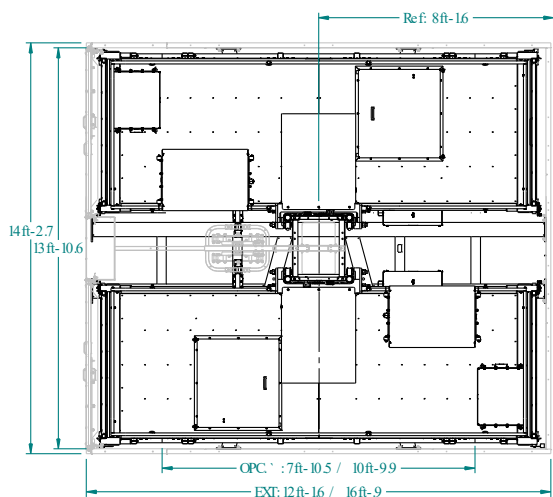
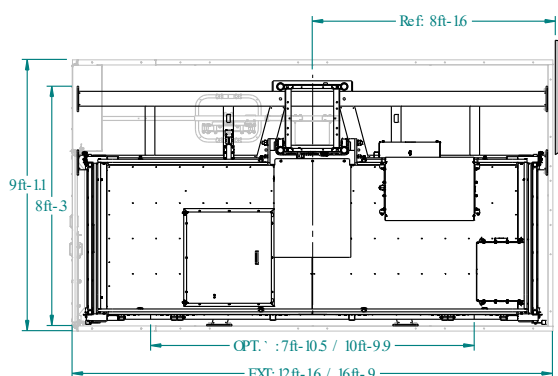
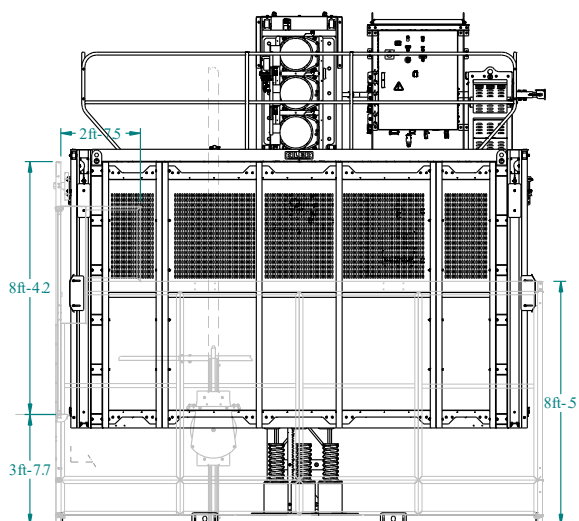


LATERAL LOADING "C" DOOR (OPTION)
PLC WITH AUTOMATIC
OR HOLD-TO-RUN CONTROL



REMOTE CONNECTION
FOR HOIST MANAGEMENT

INSTALLATION DIMENSIONS



OVERSPEED PARACHUTE, WITH AUTO-RECOVERY SYSTEM
DRIVEN WHEELS, COUNTERROLLER AND MECHANIC LIMIT EDGE

TECHNICAL FEATURES

	PMH 2033-40 PMH 2033-80	PMH 3233-40 PMH 3233-80	PMH 2745-40 PMH 2745-80
Maximum load capacity:	4400 lb 22 pax	7100 lb 25 pax	6150 lb 30 pax
Car gross interior dim (LxWxH):	10' 10" x 5' 1" x 7' 10.5"		14' 9" x 5' 1" x 7' 10.5"
Net interior dim (LxW):	10' 2" x 5' 1"		14' 1" x 5' 1"
Vertical speed:	0~130 ft/min 0~260 ft/min		
Motor control:	FREQUENCY CONVERTER		
Control mode:	AUTOMATIC OR HOLD-TO-RUN		
Maximum mast height ^(*) :	1150'		
Max. mast tie spacing:	39'		
Max. mast overhang:	Max.: 30'		
Loading height-to-ground:	3' 7.7"		
Mast section	M650		
Length:	58.6"		
Weight – 1Rack:	309 lb		
Weight – 2Rack:	364 lb		
Regulations references:	ANSI A10.4 / CSA Z185 (PMH 3233)		
Noise emission value:	<70 dB		

(*) h < 500 ft → Standard mast, h > 500 ft → Reinforced mast

ELECTRICAL DATA

	PMH 2033-40 PMH 2745-40	PMH 3233-40 PMH 2745-80	PMH 2033-80	PMH 3233-80 PMH 2745-80
Motor power:	2 x 15 kW	3 x 15 kW	2 x 15 kW	3 x 15 kW
Input power connection:	380÷480V – 50/60 Hz			
Power consumption:	37 kW	55 kW	75 kW	130 kW
Nominal current:	60 A	95 A	105 A	156 A
Supply power:	50 kVA	75 kVA	100 kVA	200 kVA
Supply current (400V):	75 A	110 A	150 A	190 A
Overload protection:	3 x 80 A	3 x 125 A	3 x 175 A	3 x 225 A
Differential protection req.				
Calibration:	80 A	125 A	175 A	225 A
Sensitivity:	300 mA	300 mA	300 mA	300 mA
Control voltage:	48 V			
Auxiliar handtools socket:	230 V – 50/60 Hz 1200 W			
Cable section:	4 x AWG 3	4 x AWG 3	4 x AWG 3	4 x AWG 0

SAFETY DEVICES

	INCLUDED	OPTION
· Gearmotors with electromechanical brake	✓	
· Overspeed parachute, with auto-recovery system	✓	
· Emergency lowering lever	✓	
· Cage doors with mechanical/electrical interlock	✓	
· Landing doors with mechanical/electrical interlock		✓
· Base enclosure according to ANSI A10.4		✓
· Control panel with diagnosis display	✓	
· Buffers at the ground base	✓	
· PLC and automatic floor selection	✓	
· Automatic or hold-to-run control	✓	
· Encoder based hoist positioning system	✓	
· Upper/lower endtrack limit switch	✓	
· Safety endtrack limit switch	✓	
· Overload detection device	✓	
· Mast presence switch	✓	
· Last mast without rack	✓	
· Aux. crane for mast assembly		✓
· Smooth starting with frequency converter	✓	
· Thermal protection probe inside motors	✓	
· Cage floor of non-slipping steel sheet	✓	
· Movement warning horn	✓	
· Phase control	✓	
· Emergency stop	✓	
· Emergency exit, accessible roof with safety railing	✓	
· Landing levels calling system with traffic management		✓
· Parachute test remote control		✓
· Remote connection for hoist management		✓

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