



BUILDING THE FUTURE

HOISTING EQUIPMENT

HIGH QUALITY CONSTRUCTION
MACHINERY PRODUCT CATALOG

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Specialists in High Quality
Construction Machinery
Since 1957

Distributors in 77 countries, delivering trusted solutions for material and personnel hoists, transport platforms, mast climbers and modular suspended platforms with **over 65 years of experience you can trust.**



QUALITY, RELIABILITY AND LEADERSHIP

We offer the best quality in all our products and we provide optimal solutions. Our brilliant track record in workplace accidents ensures **superior safety** quality.

The electrical components and the motors of all our hoists are manufactured by European-based International brands, also available in North America, complying with all regulations.



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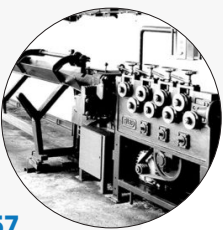


At ALBA we continue to innovate within our sector, developing new products and optimizing existing technology in order to respond to the needs of our market.

ENGINEERED FOR RELIABILITY, BUILT FOR THE FUTURE

With **more than 22,500 m²** of facilities located In Miranda de Ebro (Burgos, Spain) and Sondika (Bizkaia, Spain), we provide top class support, in-house engineering and leading edge technology in design and structural calculation software. Our team works day after day to offer to our customers the most reliable solutions, tailored for each project and specific needs; we guarantee the supply of spare components for machines more than 30 years old.

BUILDING THE FUTURE



1957
The ALBA is born in Bilbao (Bizkaia, Spain) with the color blue as its hallmark that will always accompany it.

2004
ALBA is the first manufacturer of collective protection systems to use dummies to investigate potential injuries caused by falls and develop the first work platform overload device, thus becoming a work pioneer.

2021
ALBA is developing TELEMATICS together with Trackunit. This is a pioneering tracking system for construction elevators. In 2022, the PMH model was a finalist in the IAPA (IPAF) awards in the Product of the Year category.



1998
ALBA creates the first PEC 120, thus launching a new product line: rack and pinion lifting machinery. The company becomes the first European manufacturer to pass the AENOR CE type certification for its rack and pinion platforms. Two years later, the doors of its new facilities in Miranda de Ebro (Burgos) open.



2007
Alb creates the electric suspended scaffold, a suspended platform designed for working at height.

2024
The American group Canopy Brands has acquired ALBA as part of its growth strategy. The company thus consolidates its international presence and strengthens its ability to offer innovative products globally, expanding its portfolio of construction lifts and improving its distribution network in key markets.



MAST CLIMBERS

The PEC range is the perfect solution for façade restoration or new construction, being able to cover the perimeter of a building with circular, corner and zigzag configurations.

These platforms, made of galvanized steel, present benefits in terms of safety that facilitate work in adverse weather conditions. Compared to other lifting alternatives, the PECs reduce installation and dismantling labor time, which increases productivity.

The electrical components and the motors of all our hoists are manufactured by reputable European based International brands that are also available in North America. All our Mast Climbers comply with ANSI A92.9 standards.

The PEC platform power consumption is low compared to its load capabilities due to the use of high efficiency gear-motors and lightweight, yet strong, components.





MAST CLIMBERS

PEC 90

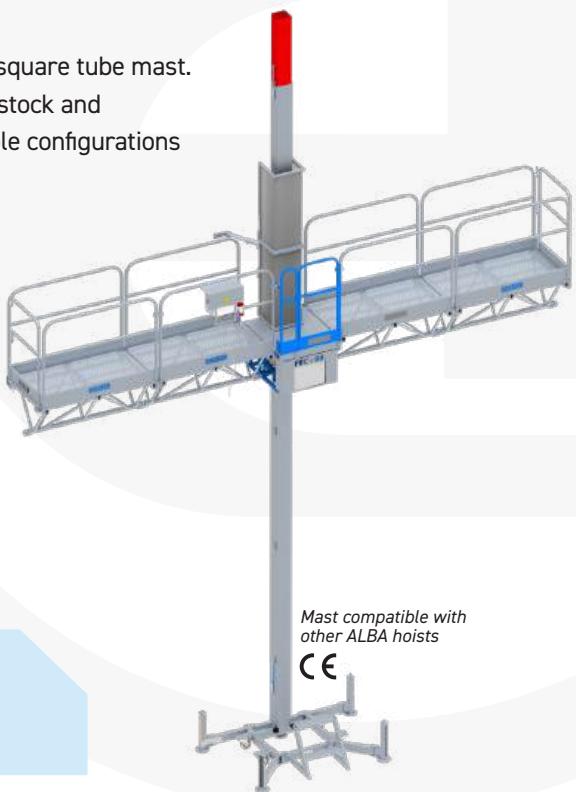
MAXIMUM SIZE,
MAXIMUM UTILITY

All the elements of the PEC 90 have been designed looking for the greatest ease of transport and mobility.

The PEC 90 platform can reach heights up to 300 ft (91 m) using the ALBA square tube mast. The square tube mast is also compatible with other ALBA hoists, reducing stock and investment for customers. Single and double mast set ups allow for multiple configurations and platform lengths.

Main Features

- Max. length: **single** 22' (6.8 m) / **twin** 74' (22.5 m)
- Max. load capacity: **single** 2,200 lb (1000 kg) / **twin** 4,630 lb (2100 kg)
- Max. speed: 28 ft/min (8.5 m/min)
- Max. height: 400 ft (120 m) *inquire about greater heights*
- Motor power: 2 x 0.90 kW (60 Hz)



MAST
SECTION



Single Square Tube:
Length: 59 in (1,500 mm)
Weight: 86 lb (39 kg)

Mast Compatibility:
Transport platform: PT 450
Material hoist: MC 450/MC 650

PEC 90

Technical Features

	Single Mast	Twin Mast
Maximum length	22 ft 4 in (6.8m)	74 ft 3 in (22.6 m)
Maximum load	2,200 lb (1000 kg)	4,630 lb (2100 kg)
Vertical speed	27 ft/min (8.5 m/min)	
Platform width	31.5 in (80 cm)	
Platform extension	Standard: 24 in (61 cm) Max.: 40 in (102 cm)	
Motor power	2 x 0.75 kW (50 Hz) 2 x 0.90 kW (60 Hz)	4 x 0.75 kW (50 Hz) 4 x 0.90 kW (60 Hz)
Maximum height (*)	400 ft (120 m)*	
Anchorage each (max.)	20 ft (6 m)	
Height over last anchorage	5 ft (1.5 m)	
First anchorage height (max.)	20 ft (6 m)	
Loading height-to-ground	35 in (89 cm)	
Regulations reference	ANSI A92.9	

Electrical Data

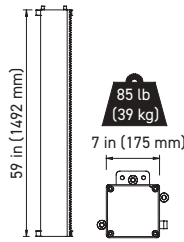
	Single Mast		Twin Mast	
	50 Hz	60 Hz	50 Hz	60 Hz
Motor power	2 x 0.75 kW	2 x 0.90 kW	4 x 0.75 kW	4 x 0.90 kW
Input power connection (**)	220 V – 60 Hz – 3 phase			
Power consumption	1.8 kW	1.8 kW	3.6 kW	3.6 kW
Nominal current	7 Amp		14 Amp	
Supply power	5 kVA		10 kVA	
Starting current	32 Amp		70 Amp	
Overload protection	4 x 16 A			
Differential protection Calibration Sensitivity	16 A 300 mA			
Control voltage	48 V			
Auxiliary hand tools socket	230 V – 50 Hz 16 A 265 V – 60 Hz 16 A			
Cable section	4 x AWG 13		4 x AWG 10	

(*) Case of higher installation, ask to manufacturer.

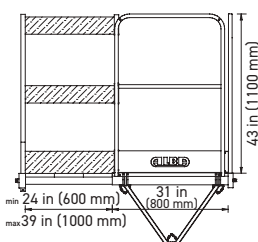
(**) Transformer 220-460 V available for 220 V-60 Hz main supply. Ask to manufacturer.

Optional: Available single phase connection 230 V-1 ph-60 Hz. Single: 10 Amp / Twin mast: 20 Amp.

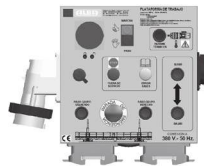
Product Features



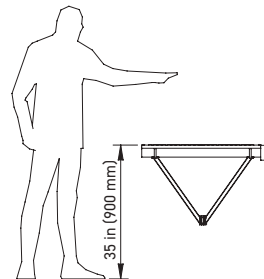
Easy to transport,
handling and assembly



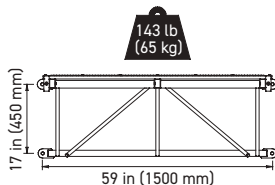
Platform with auxiliary extension



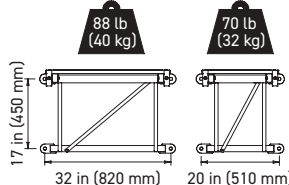
Panel with validating
control system



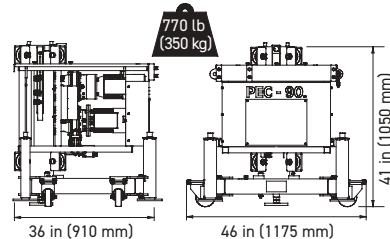
Height-to-ground reduced



Platform module 59"



Platform module 32" / 20"



Main motor group

Safety Devices

Included

Gearmotors with electromechanical brake

Safety centrifugal brake

Emergency lowering lever

Platform door with automatic self-closing

Buffers at the ground base

Panel with validating control system

Upper/lower track-end limit switch

Safety track-end limit switch

Mast presence detector

Last mast without rack

Motor fault led and recovery push-button

Automatic leveling system

Platform floor of non-slip galvanized steel

Movement warning horn

Phase control relay and warning led

Emergency stop

Base frame equipped with wheels

Auxiliary hand tools socket

Input power connector w/phase quick - change

Optional

Platform extension of special length

Modular floors for platform extension

Internal perimeter handrail posts

Safety networks to avoid falling materials

Angle 45° platform for special assemblies

Load limiter

Automatic greaser

Remote connection for hoist management



MAST CLIMBERS

PEC 120

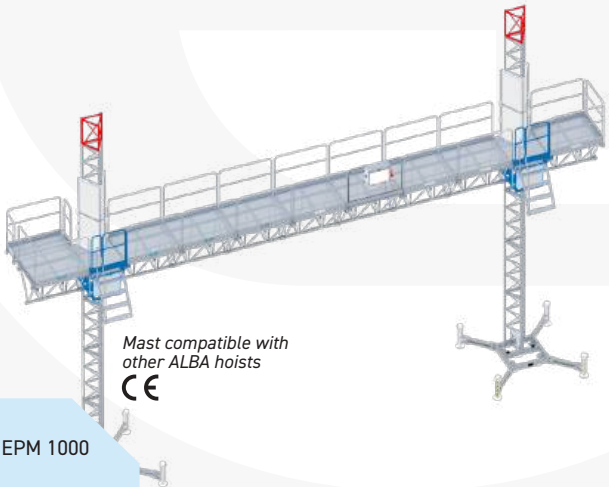
EXCELLENT PERFORMANCE
AT A COMPETITIVE PRICE

Mast climbers provide key safety and efficiency benefits, especially in tough weather conditions. They reduce installation and disassembly time by up to 90% and cut overall work time by up to 40% compared to traditional methods. This makes them a smart choice for improving job site productivity.

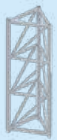
The PEC 120 is our most popular model, offering great performance at a competitive price. It runs on ALBA's triangle mast, which is also compatible with the EPM 1000 Personnel Hoist, PT 1200/1000 Transport Platform and MC 1000 Material Hoist. Reaching heights up to 400 ft (120 m), the PEC 120 supports single or double mast setups, giving users flexible platform length options while reducing inventory and equipment investment.

Main Features

- Max. length: **single** 30' (9.99 m) / **twin** 105' (32 m)
- Max. load capacity: **single** 4,000 lb (1800 kg) / **twin** 8,800 lb (4,000 kg)
- Max. speed: 30 ft/min (9 m/min)
- Max. height: 400 ft (120 m) *inquire about greater heights*
- Motor power: 2 x 2.65 kW (60 Hz)
- Variety of accessories for complex facades



MAST
SECTION



Triangle Mast:
Length: 59 in (1,500 mm)
Weight: 104 lb (47 kg)

Mast Compatibility:
Personnel & material hoist: EPM 1000
Material hoist: MC 1000
Transport platform: PT 1200

PEC 120

Technical Features

	Single Mast	Twin Mast
Maximum length	33 ft (10 m)	105 ft (32 m)
Maximum load	4,000 lb (1800 kg)	9,000 lb (4000 kg)
Vertical speed	30 ft/min (9 m/min)	
Platform width	47 in (120 cm)	
Platform extension	Standard: 40 in (102 cm) Max.: 80 in (204 cm)	
Motor power	2 x 2.65 kW (60 Hz)	4 x 2.65 kW (60 Hz)
Maximum height (*)	400 ft (120 m) *	
Anchorage each (max.)	20 ft (6 m)	
Height over last anchorage	5 ft (1.5 m)	
First anchorage height (max.)	20 ft (6 m)	
Loading height-to-ground	59 in (150 cm)	
Regulations reference	ANSI A92.9	

Electrical Data

	Single Mast	Twin Mast
	60 Hz	60 Hz
Motor power	2 x 2.65 kW	4 x 2.65 kW
Input power connection (**)	460 V – 60 Hz **	460 V – 60 Hz **
Power consumption	5.3 kW	10.6 kW
Nominal current	12 Amp	24 Amp
Supply power	10 kVA	20 kVA
Starting current	66 Amp	132 Amp
Overload protection	4 x 32 A	
Differential protection	32 A 300 mA	
Calibration		
Sensitivity		
Control voltage	48 V	
Auxiliary hand tools socket	120 V – 60 Hz 16 A	
Cable section	4 x AWG 10 ²	4 x AWG 8 ²

(*) For greater heights, ask to manufacturer.

(**) Transformer 220-460 V available for 220 V-60 Hz main supply. Ask to manufacturer

Safety Devices

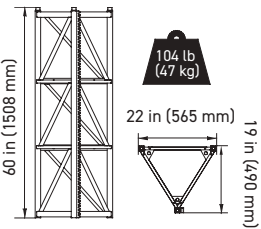
Included

- Gearmotors with electromechanical brake
- Safety centrifugal brake
- Emergency controlled descent
- Platform door with safety micro-switch
- Buffers at the ground base
- Panel with validating control system
- Upper/lower track-end limit switch
- Safety track-end limit switch
- Mast presence detector
- Last mast without rack for safety
- Automatic leveling system
- Platform floor of non-slip galvanized steel
- Movement warning horn
- Phase detection control relay and warning LED
- Emergency stop
- Base frame equipped with wheels
- Auxiliary hand tools socket
- Input power connector w/phase quick -change

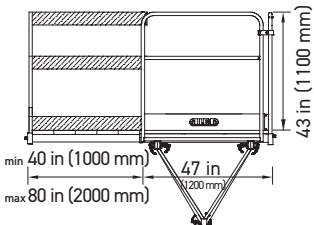
Optional

- Platform extension of special length
- Modular floors for platform extension
- Internal perimeter handrail posts
- Safety networks to avoid falling materials
- Angle 45° platform for special assemblies
- Jib-crane rail system for load handling
- Telescopic lateral handrail
- Load limiter
- Automatic greaser

Product Features



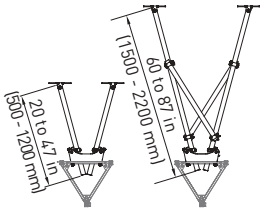
High strength and reduced weight



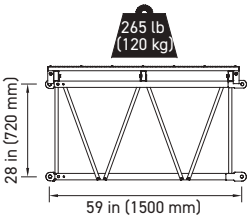
Platform with auxiliary extension



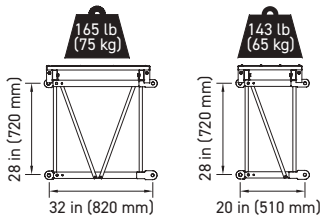
Panel with validating control system



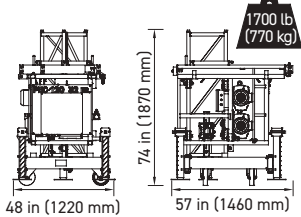
Arrangement of Anchors



Platform module 59"



Platform module 32"/20"



Main motor group



MAST CLIMBERS

PEC 130

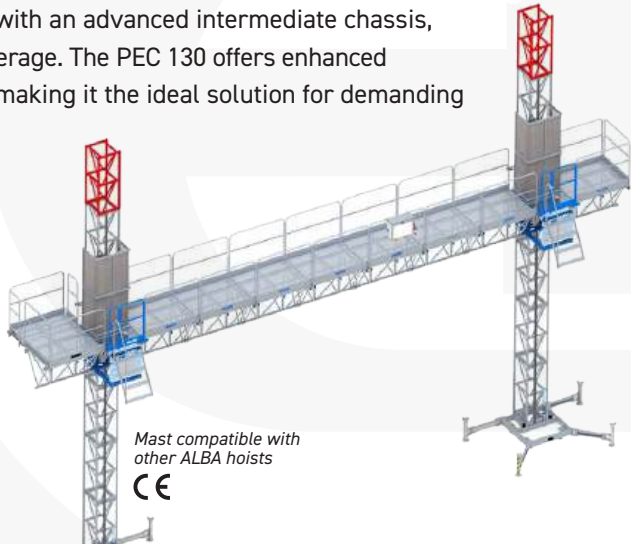
ROBUST STABILITY &
ENHANCED CAPACITY

The PEC 130 integrates the best features from across our range of mast climbers to deliver unparalleled performance and reliability. Engineered for maximum stability and strength, it features a robust square mast, similar to the PEC 150, ensuring superior support.

This model combines the lightweight, long platform of the PEC 120 with an advanced intermediate chassis, enabling it to reach standard construction lengths for full facade coverage. The PEC 130 offers enhanced load capacity, greater working height, and additional functionalities, making it the ideal solution for demanding construction projects.

Main Features

- Max. length: **single** 42 ft-8 in (13 m) / **twin** 112 ft-8 in (34 m)
- Max. load capacity: **single** 4,400 lb (2,000 kg) / **twin** 9,000 lb (4,100 kg)
- Max. speed: 30 ft/min (9 m/min)
- Max. height: 820 ft (250 m) *inquire about greater heights*
- Motor power: 2 x 2.65 kW (60 Hz)
- Possibility of installing two platforms on the same mast structure to work at double decker.



MAST
SECTION



Square Mast:
Length: 59 in (1,500 mm)
Weight: 1 Rack 216 lb (98 kg)
2 Rack 260 lb (118 kg)

Mast Compatibility:
Mast climber: PEC 150
Material hoist: MC 2000
Construction hoist: EDC 1700/2000
Transport platform: PT 1800/2000/PTB 3800

PEC 130

Technical Features

	Single Mast	Twin Mast
Maximum length	42 ft-8 in (13 m)	112 ft-8 in (34 m)
Maximum load	4,400 lb (2,000 kg)	9,000 lb (4,000 kg)
Vertical speed	30 ft/min (9 m/min) (60 Hz)	
Platform width	47 in (1,200 mm)	
Platform extension (*)	Standard: 40 in (1,000 mm) Max.: 79 in (2,000 mm)*	
Motor power	2 x 2.65 kW (60 Hz)	4 x 2.65 kW (60 Hz)
Maximum height (**)	820 ft (250 m)**	
Anchorage each (max.)	40 ft (12 m)	
Height over last anchorage	5 ft (1.5 m)	
First anchorage height (max.)	30 ft (9 m)	
Loading height-to-ground	59 in (1,500 mm)	
Regulations reference	ANSI A92.9	

Electrical Data

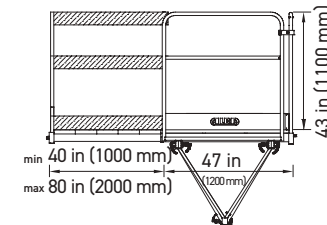
	Single Mast	Twin Mast
	60 Hz	60 Hz
Motor power	2 x 2.65 kW	4 x 2.65 kW
Input power connection (***)	460 V – 60 Hz ***	460 V – 60 Hz ***
Power consumption	5.3 kW	10.6 kW
Nominal current	12 Amp	24 Amp
Supply power	10 kVA	20 kVA
Starting current	66 Amp	132 Amp
Overload protection	4 x 32 A	
Differential protection	32 A 300 mA	
Calibration		
Sensitivity		
Control voltage	48 V	
Auxiliary hand tools socket	265 V – 60 Hz 16 A	
Cable section	5 x 4 mm ²	5 x 6 mm ²

(*) For longer floor extension, ask to manufacturer.

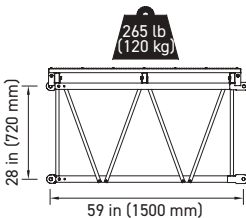
(**) For greater heights, ask to manufacturer

(***) Transformer 220-460 V available for 220 V-60 Hz main supply. Ask to manufacturer.

Product Features



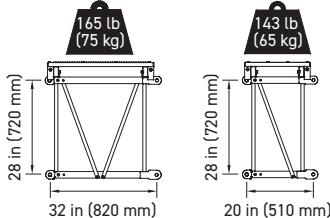
Platform with auxiliary extension



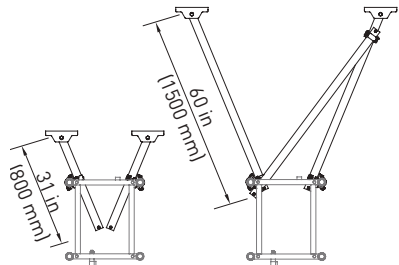
Platform module 59"



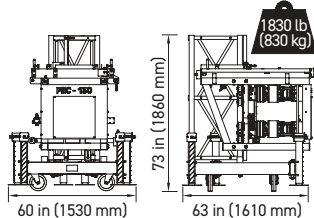
Panel with validating
control system



Platform module 32"/20"



Arrangement of Anchors



Main motor group

Modules compatible with model PEC 120.



MAST CLIMBERS

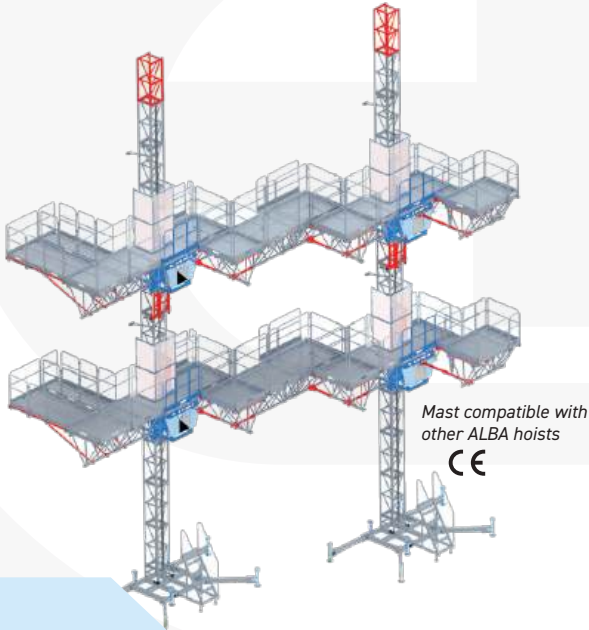
PEC 150

REDEFINING STRENGTH
AND PERFORMANCE

The PEC 150 is designed for heavy duty work. The width of the platform 59 in (1,5 m) combined with powerful motors and a robust square mast provide this model with great stability and load capacity. To double the productivity, an additional platform (double decker) can be installed on that mast.

Main Features

- Max. length: **single** 44 ft-10in (13.65 m) / **twin** 124' (37.80 m)
- Max. load capacity: **single** 6,000 lb (2,700 kg) / **twin** 11,000 lb (5,000 kg)
- Max. speed: 33 ft/min (10 m/min)
- Max. height: 820 ft (250 m) *inquire about greater heights*
- Motor power: 2 x 3.6 kW (60 Hz)



MAST
SECTION



Square Mast:
Length: 59 in (1,500 mm)
Weight: 216 lb (98 kg)

Mast Compatibility:
Mast climber: PEC 130
Material hoist: MC 2000
Personnel & material hoist: EDC 1700/2000
Transport platform: PT 1800/2000/PTB 3800

PEC 150

Technical Features

	Single Mast	Twin Mast
Maximum length	44 ft-10in (13.65 m)	124 ft (37.80 m)
Maximum load	6,000 lb (2,700 kg)	11,000 lb (5,000 kg)
Vertical speed	33 ft/min (10 m/min)	
Platform width	60 in (1,500 mm)	
Platform extension	Standard: 40 in (1,000 mm) Max.: 100 in (2,600 mm)	
Motor power	2 x 3.65 kW (60 Hz)	4 x 3.6 kW (60 Hz)
Maximum height (*)	820 ft (250 m)*	
Anchorage each (max.)	40 ft (12 m)	
Height over last anchorage	5 ft (1.5 m)	
First anchorage height (max.)	30 ft (9 m)	
Loading height-to-ground	79 in (2,000 mm)	
Regulations reference	ANSI A92.9	

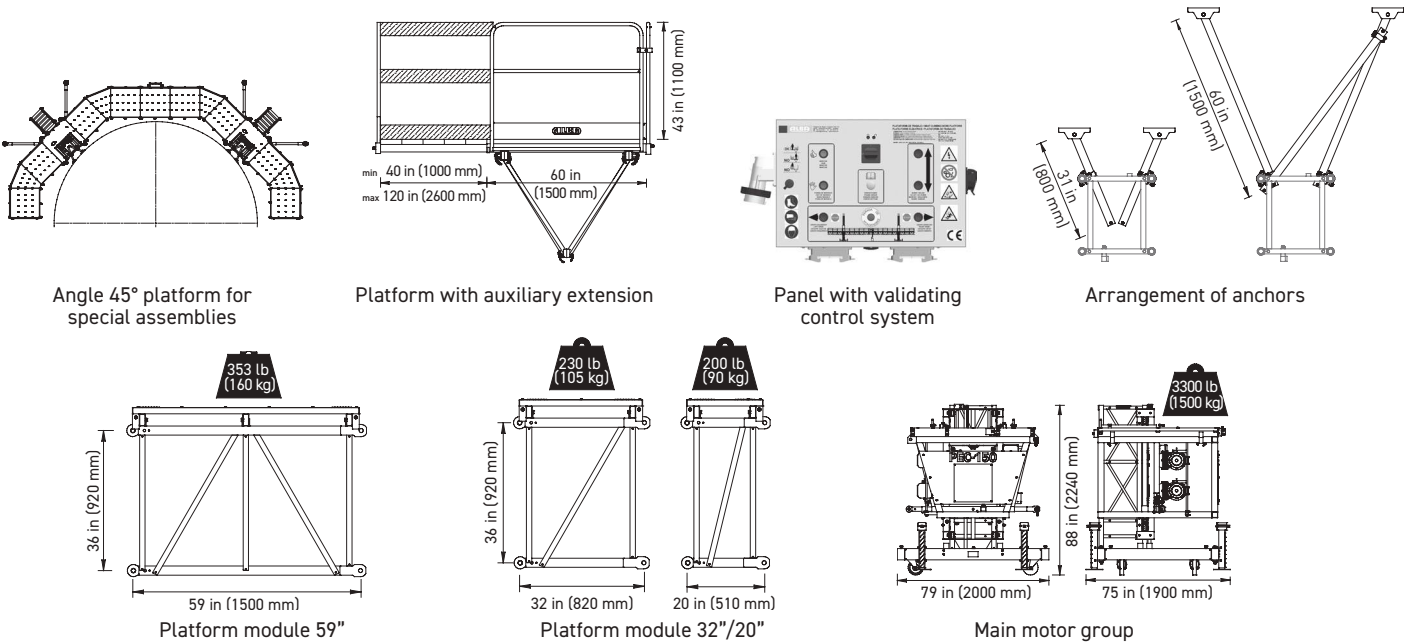
Electrical Data

	Single Mast		Twin Mast	
	50 Hz	60 Hz	50 Hz	60 Hz
Motor power	2 x 3 kW	2 x 2.65 kW	4 x 3 kW	4 x 3.6 kW
Input power connection (**)	400 V	460 V *	400 V	460 V *
Power consumption	6 kW	7.2 kW	12 kW	14.4 kW
Nominal current	14 Amp		28 Amp	
Supply power	15 kVA		25 kVA	
Starting current	70 Amp		140 Amp	
Overload protection	4 x 32 A			
Differential protection	32 A 300 mA			
Calibration				
Sensitivity				
Control voltage	48 V			
Auxiliary hand tools socket	230 V – 50 Hz 16 A 265 V – 60 Hz 16 A			
Cable section	5 x AWG 8		5 x AWG 10	

(*) For greater heights, ask to manufacturer

(**) Transformer 220-460 V available for 220 V-60 Hz main supply. Ask to manufacturer.

Product Features



Safety Devices

Included

- Gearmotors with electromechanical brake
- Safety centrifugal brake
- Emergency controlled descent
- Platform door with safety micro-switch
- Buffers at the ground base
- Panel with validating control system
- Upper/lower track-end limit switch
- Safety track-end limit switch
- Mast presence detector
- Last mast without rack for safety
- Automatic leveling system
- Platform floor of non-slip galvanized steel
- Movement warning horn
- Phase detection control relay and warning LED
- Emergency stop
- Base frame equipped with wheels
- Auxiliary hand tools socket
- Input power connector w/phase quick -change

Optional

- Auxiliary crane for mast assembly
- Platform extension of special length
- Modular floors for platform extension
- Internal perimeter handrail posts
- Safety networks to avoid falling materials
- Angle 45° platform for special assemblies
- Jib-crane rail system for load handling
- Telescopic lateral handrail
- Load limiter
- Automatic greaser



PERSONNEL & MATERIAL HOISTS

ALBA Personnel & Material hoists are divided into 3 model groups: the PT Transport Platforms for transporting personnel and/or materials and the EDC and EPM models for transporting personnel. All of them are made of a durable galvanized steel construction.

The electrical components and motors of all our hoists are manufactured by reputable European based international brands that are also available in North America. All our hoists comply with ANSI A10.4, A10.5 and A92.10 standards.





PERSONNEL & MATERIAL HOISTS

EPM 1000

COMPACT DESIGN WITH
HIGH LOAD CAPACITY

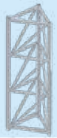
Easy to install, this hoist can transport up to 11 personnel and is suitable for smaller buildings and confined spaces. It presents optimal quality at a competitive price thanks to the use of the triangle mast. Its call control system between floors gives it high performance and convenience. In addition, we offer a version with a longer cabin for lifting 8 ft drywall (EPM 800).

- Overspeed parachute with auto-recovery system
- Galvanized steel finish with a non-slip cage floor
- Hoist controls with LED display

Main Features

- Max. load capacity: 2,200 lb (1,000 kg)
- Max. speed: 66 ft/min (20 m/min)
- Max. height: 400 ft (120 m) *inquire about greater heights*
- Motor power: 2 x 3.6 kW (60 Hz)
- Noise emission value: <70 dB

MAST SECTION



Triangle Mast:
Length: 59 in (1,500 mm)
Weight: 104 lb (47 kg)

Mast Compatibility:
Mast climber: PEC 120
Material hoist: MC 1000
Transport platform: PT1000/1200

Mast compatible with
other ALBA hoists



EPM 1000

Technical Features

Motor control	Direct
Vertical speed	108 ft/min (33 m/min)
Maximum capacity	11 people or 2,200 lb (1000 kg)
Cage gross inner dim. (LxWxH)	6'7" x 4'6" x 6'9" (2 m x 1.4 m x 2.1 m)
Maximum height (*)	400 ft (120 m)*
Anchorage each (max.)	20 ft (6 m)
Height over last anchorage	5 ft (1.5 m)
First anchorage height	20 ft (6 m)
Loading height-to-ground	1 ft (400 mm)
Base assembly weight	1,000 lb (454 kg)
Noise emission value	<70 dB
Regulations reference	ANSI A92.9

Electrical Data

Motor power	2 x 3 kW (60Hz)
Input power connection	380÷480V – 50/60 Hz - 3 phase
Power consumption	15 kW
Nominal current	30 Amp
Supply power	30 kVA
Overload protection	4 x 63 A
Differential protection Calibration Sensitivity	63 A 300 mA
Control voltage	48 V
Auxiliary hand tools socket	120 V – 50/60 Hz 16 A
Cable section	4 x AWG 8

(*) For greater heights, ask to manufacturer

Product Features



CPU and automatic
floor management



Landing levels
call system



Overspeed parachute
with auto-recovery system



Auxiliary catwalk
for anchorage assembly

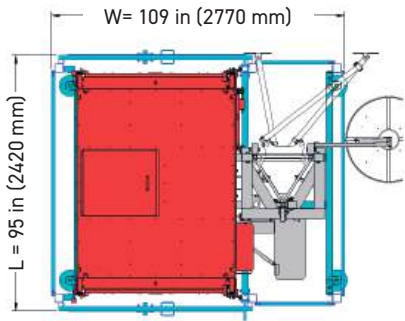
Safety Devices

Included

- Gear motors with electromechanical brake
- Overspeed parachute with auto-recovery system
- Emergency controlled descent
- Cage doors with mechanical / electrical interlock
- Hoist control display with LED signaling
- Automatic floor management
- Buffers at the ground base
- Hoist control CPU, with event log
- Upper/lower track-end limit switch
- Safety track-end limit switch
- Overload detection device
- Mast presence detector
- Last mast without rack for safety
- Aux. catwalk for anchorage assembly
- Platform floor of non-slip galvanized steel
- Movement warning horn
- Phase detection control
- Emergency stop
- Emergency exit, accessible roof with safety railing
- Parachute test remote control and mast assembly

Optional

- Operator aux. external cage
- Automatic greaser
- Landing doors with mechanical / electrical
- Base enclosure according to EN-12159
- Landing levels call system
- Auxiliary crane for mast assembly
- Motors with brake wear signal





PERSONNEL & MATERIAL HOISTS

EDC 2000

THE BEST SOLUTION FOR
PERSONNEL TRANSPORT

The EDC 2000 is designed to quickly lift up to 22 personnel and it has an advanced technology capable of storing information for the automatic selection of floors.

Available in double cab for extra productivity, the EDC 2000 climbs a square mast which gives it great stability and compatibility. The same mast can be used with PT 2000 and PTB 3800 Transport Platforms, the MC 2000 Material Hoist and the PEC 130/150 Mast Climbers.

Main Features

- Max. load capacity: 4,400 lb (2,000 kg)
- Max. speed: 196 ft/min (60 m/min)
- Max. height: 820 ft (250 m) *inquire about greater heights*
- Cabin dimensions: 10' 6" x 4' 7" x 6' 11" (3.2 m x 1.4 m x 2.1 m)

MAST SECTION



Square Mast:
Length: 59 in (1,500 mm)
Weight: 1 Rack: 216 lb (98 kg)
2 Rack: 260 lb (118 kg)

Mast Compatibility:
Mast climber: PEC 130/PEC 150
Material hoist: MC 2000
Transport platform: PT 2000/PTB 3800



Mast compatible with
other ALBA hoists



EDC 2000

Technical Features

	EDC 2000-40	EDC 2000-60
Maximum	20 people / 4,400 lb (2,000 kg)	
Vertical speed	0 - 132 ft/min (40 m/min)	0 - 196 ft/min (60 m/min)
Cage dimensions (LxWxH)	10' 6" x 4' 7" x 6' 11" (3.2 m x 1.4 m x 2.1 m)	
Net inner dim. (LxW)	9' 10" x 4' 7" (3 m x 1.4 m)	
Motor control	Frequency Converter	
Control Mode	Automatic or Hold-to-run	
Maximum height (*)	820 ft (250 m)	
Anchorage distance (max.)	30 ft (9 m)	
Height over last anchorage	10 ft (3 m)	
First anchorage height	20 ft (6 m)	
Loading height-to-ground	16 in (40 cm)	
with cable bin	27.5 in (70 cm)	
with cable trolley		
Base assembly weight	1000 lb (500 kg)	
Noise emission value	<70 dB	
Regulations reference	ANSI A10.4 / CSA Z 185	

Electrical Data

Motor power	2 x 11 kW	
Input power connection	380÷480V – 50/60 Hz	
Power consumption	30 kW	45 kW
Nominal current	50 Amp	90 Amp
Supply power	50 kVA	75 kVA
Starting current	60 Amp	125 Amp
Overload protection	3 x 63 A	3 x 125 A
Differential protection		
Calibration	63 A	125 A
Sensitivity	300 mA	300 mA
Control voltage	48 V	
Auxiliary hand tools socket	230 V – 50/60 Hz 1200 W	
Cable section	4 x AWG 6	4 x AWG 4

(*) For greater heights, ask to manufacturer

Product Features



CPU and automatic
floor management



Landing levels
call system



Overspeed parachute
with auto-recovery system



Single or Double Cage
Configurations Using a Single Mast

Safety Devices

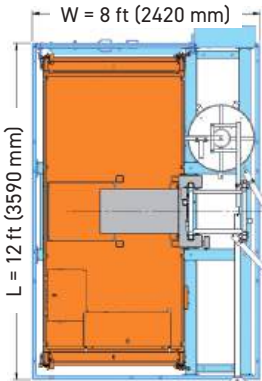
Included

- Gear motors with electromechanical brake
- Overspeed parachute with auto-recovery system
- Emergency controlled descent
- Cage doors with mechanical / electrical interlock
- Hoist control display with LED signaling
- Encoder based positioning system
- Buffers at the ground base
- Hoist control CPU, with event log
- Upper/lower track-end limit switch
- Safety track-end limit switch
- Overload detection device
- Mast presence switch
- Last mast without rack for safety
- Aux. catwalk for anchorage assembly
- Non-slip galvanized steel cage floor
- Movement warning horn
- Phase detection control
- Emergency stop
- Emergency exit, accessible roof with safety railing
- Frequency converter motor start control
- Bi-metal PTC thermal probe

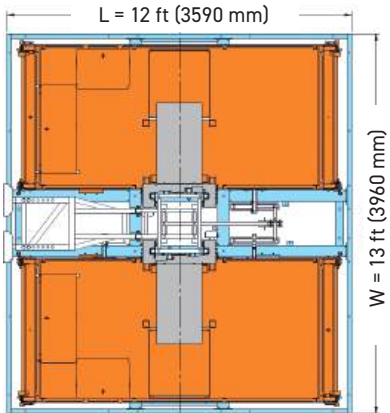
Optional

- Landing doors with mechanical / electrical interlock
- Base enclosure according to EN-12159
- Auxiliary crane for mast assembly
- Motors with brake wear signal
- Landing levels call system
- Parachute test remote control
- Operator aux. external cage
- Add-on platform for anchorage assembly
- Automatic greaser

Single Cabin



Double Cabin





PERSONNEL & MATERIAL HOISTS

PMH

HIGHER PERFORMANCE
GREAT LOAD CAPACITY

The PMH is ideal for large and/or very tall buildings. With a maximum capacity of 7,100 lb it can lift up to 35 people at up to 260 ft/min travel speed, offering maximum productivity. It is available in several car sizes and has advanced technology with remote connection for management and diagnosis.

To double its capacity, an additional cabin can be installed on the same MC 650 square mast which was created specifically for this hoist and is compatible with other brands of “Scando” type equipment.

Main Features

- Max. load capacity: 7,000 lb (3,200 kg)
- Max. speed: 260 ft/min (80 m/min)
- Max. height: 1,150 ft (350 m) *inquire about greater heights*
- Cabin dimensions: 130” or 177” x 61” x 95” (4,500 x 1,550 x 2,400 mm)

MAST
SECTION



Square Mast:
Length: 59 in (1,500 mm)
Weight: 1 Rack: 309 lb (140 kg)
2 Rack: 360 lb (165 kg)

Galvanized Mast:
Compatible with other brands equipment.



PMH

Technical Features

	PMH 2033-40 PMH 2033-80	PMH 3233-40 PMH 3233-80	PMH 2745-40 PMH 2745-80
Maximum load capacity	4,400 lb (200 kg) 25 pax	7,100 lb (3,200 kg) 35 pax	6,000 lb (2,700 kg) 33 pax
Car gross inner dim. (LxWxH)	130 x 61 x 94 in (3300 x 1,550 x 2400 mm)		177 x 61 x 95 in (4500 x 1,550 x 2,400 mm)
Vertical speed	130 ft/min (40 m/min) 260 ft/min (80 m/min)		
Motor control	Drive Unit		
Control Mode	Automatic or Button Control		
Maximum mast height (*)	1,150 ft (350 m) *		
Anchors every (max.)	40 ft (12 m)		
Height over last hanger	29 ft (9 m)		
Loading height-to-ground	2,700 ft (820 m)		
Noise emission value	<70 dB		
Regulations reference	ANSI A10.4 / CSA Z185		

Electrical Data

	PMH 2033-40 PMH 1545-40	PMH 3233-40 PMH 2745-40	PMH 2033-80 PMH 1545-80	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	480V			
Power consumption	37 kW	55 kW	75 kW	130 kW
Nominal current	60 Amp	95 Amp	105 Amp	156 Amp
Supply power	50 kVA	75 kVA	100 kVA	200 kVA
Supply power (400V)	75 Amp	100 Amp	150 Amp	190 Amp
Overload protection	3 x 100 A	3 x 125 A	3 x 175 A	3 x 225 A
Differential protection Calibration Sensitivity	100 A 300 mA	125 A 300 mA	175 A 300 mA	225 A 300 mA
Control voltage	48 V			
Auxiliary hand tools socket	230 V – 1200 W			
Cable section	4 x AWG 5	4 x AWG 3	4 x AWG 3	4 x AWG 0

(*) For greater heights, ask to manufacturer

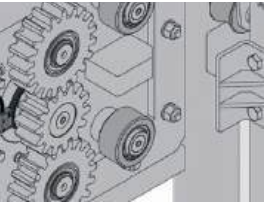
Product Features



Lateral loading “C” door (option)
PLC with automatic or hold-to-run control



Remote connection
for hoist management



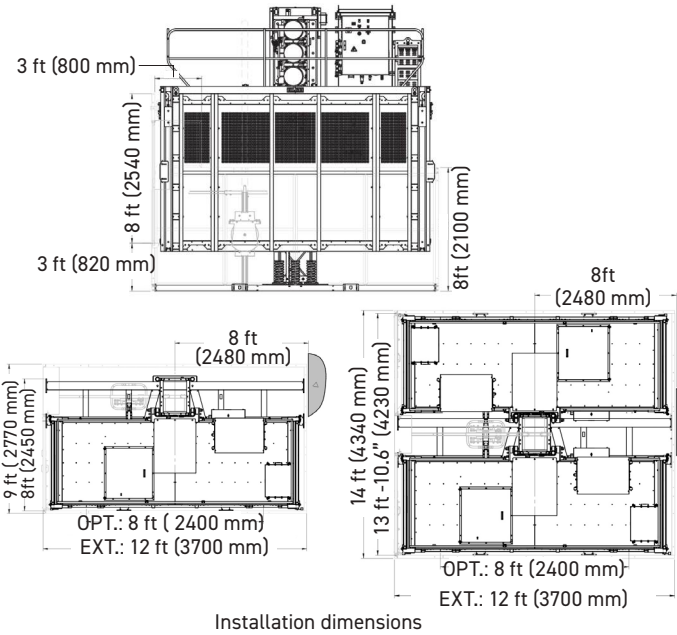
Overspeed parachute
with auto-recovery system

Safety Devices

Included
Gear motors with electromechanical brake
Overspeed parachute with auto-recovery system
Emergency controlled descent
Cage doors with automatic side protection
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 track-end limit switch
Safety track-end limit switch
Overload detection device
Mast presence switch
Last mast without rack for safety
Smooth starting with frequency converter
Thermal protection probe inside motors
Cage floor of non-slipping steel sheet
Movement warning horn
Phase detection control
Emergency stop
Emergency exit, accessible roof with safety railing

Optional

Landing doors with mechanical / electrical interlock
Base enclosure according to ANSI A10.4
Auxiliary crane for mast assembly
Landing levels call system with traffic management
Parachute test remote control
Remote connection for hoist





TRANSPORT PLATFORM

A large range of platforms (PT) with semi-open cabin, designed to hoist Personnel and materials with different load capacity in order to adapt to various settings and heights of buildings.

THIS PAGE IS A BIT EMPTY NEEDS MORE VERBIAGE





TRANSPORT PLATFORMS

PT 450

SMALL FOOT PRINT FOR
HIGH PRODUCTIVITY

With a load capacity of 1,000 lb (450 kg) and a small foot print, this transport platform is ideal for lifting men and/or materials in tight spaces such as elevator shafts. This, along with a budget friendly price, makes the hoist highly productive and profitable.

- Overspeed parachute with auto-recovery system
- Galvanized steel finish with a non-slip cage floor
- Hoist controls with LED display

Main Features

- Max. load capacity: 1,000 lb (450 kg)
- Max. speed: 60 ft/min (18 m/min)
- Max. height: 300 ft (90 m) *inquire about greater heights*
- Cabin dimensions: 49 in x 33 in x 80 in (124 cm x 84 cm x 202 cm)
- Noise emission value: <70 dB

MAST SECTION



Square Tube:
Length: 59 in (1.5 m)
Weight: 86 lb (39 kg)

Mast Compatibility:
Mast Climber: PEC 90
Material Hoist: MC 450



Mast compatible with
other ALBA hoists



PT 450

Technical Features - PT 450-2V

Maximum load capacity	2 people + 550 lb (250 kg) material or 1000 lb (450 kg) material only
Vertical speed	Personnel: 40 ft/min (12 m/min) Material: 60 ft/min (18 m/min)
Cage dimensions (LxWxH)	49 in x 33 in x 80 in (124 cm x 84 cm x 202 cm)
Minimum hoist way	59 in x 59 in (150 cm x 150 cm)
Motor power	202 kW (50/60 Hz)
Motor control	Frequency Converter
Maximum height (*)	300 ft (90 m) *
Anchorage each (max.)	20 ft (6 m)
Height over last hanger	5 ft (1.5 m)
First anchorage height	13 ft (4 m)
Loading height-to-ground	16 in (40 cm)
Base assembly weight	440 lb (200 kg)
Noise emission value	<70 dB
Regulations reference	ANSI A92.10

Electrical Data

Motor power	2.2 kW (50 Hz)
Input power connection	380 ÷ 460V - 50/60 Hz - 3 phase
Power consumption	4kW
Nominal current	10 Amp
Supply power	8 kVA
Overload protection	4 x 16 A
Differential protection Calibration Sensitivity	16 A 300 mA
Control voltage	48 V
Auxiliary hand tools socket	120 V - 50/60 Hz 16 Amp
Cable section	4 x AWG 10

(*) For greater heights, ask to manufacturer

Product Features



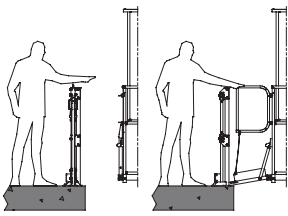
CPU and automatic
floor management



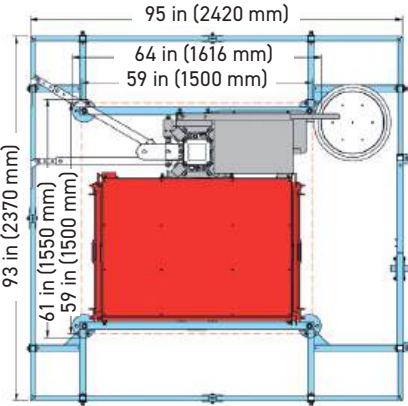
Landing levels call system



Overspeed parachute with
auto-recovery system



Folding ramp with automatic
side protection



Dual operation mode:
personnel & material

Safety Devices

Included

- Gear motors with electromechanical brake
- Overspeed parachute with auto-recovery system
- Emergency controlled descent
- Cage doors with automatic side protection
- Hoist control display with LED signaling
- Automatic floor management
- Buffers at the ground base
- Hoist control CPU with event log
- Upper/lower track-end limit switch
- Safety track-end limit switch
- Overload detection device
- Mast presence switch
- Last mast without rack for safety
- Cage floor of non-slipping steel sheet
- Movement warning horn
- Phase detection control
- Emergency stop

Optional

- Landing doors with mechanical / electrical interlock
- Base enclosure with electrical interlock
- Motor with brake wear signal
- Landing levels call system
- Parachute test remote control
- Automatic greaser



TRANSPORT PLATFORMS

PT 650

XXXXXXXXXX
XXXXXXXXXX

Lorem ipsum dolor sit amet consectetur adipiscing elit. Quisque faucibus ex sapien vitae pellentesque sem placerat. In id cursus mi pretium tellus dui convallis. Tempus leo eu aenean sed diam urna tempor. Pulvinar vivamus fringilla lacus nec metus bibendum egestas. Iaculis massa nisl malesuada lacinia integer nunc posuere. Ut hendrerit semper vel class aptent taciti sociosqu. Ad litora torquent per conubia nostra inceptos himenaeos.

Main Features

- Max. load capacity: 1,400 lb 650 kg)
- Max. speed: 60 ft/min (18 m/min)
- Max. height: 300 ft (90 m) *inquire about greater heights*
- Cabin dimensions: 63 in x 40 in x 80 in (1.60 mm x 1.040 mm x 2.020 mm)
- Noise emission value: <70 dB

MAST SECTION



Square Mast:
Length: 59 in (1.5 m)
Weight: 86 lb (39 kg)

Mast Compatibility:
Mast Climber: PEC 90
Material Hoist: MC 450/MC 650



PT 650

Technical Features - PT 650-2V

Maximum load capacity	1,400 lb (650 kg) material only
Vertical speed	Personnel: 40 ft/min (12 m/min) Material: 60 ft/min (18 m/min)
Cage dimensions (LxWxH)	63 in x 40 in x 80 in (1.600 x 1.040 x 2.020 mm)
Motor power	2 x 1.5 kW (50 Hz)
Motor control	Frequency Converter
Maximum height (*)	300 ft (90 m) *
Anchorage each (max.)	20 ft (6 m)
Height over last anchorage	5 ft (1.5 m)
First anchorage height	13 ft (4 m)
Loading height-to-ground	16 in (40 cm)
Base assembly weight	440 lb (200 kg)
Noise emission value	<70 dB
Regulations reference	ANSI A92.10

Electrical Data

Motor power	2 x 1.5 kW
Input power connection	380 ÷ 460 V - 50/60 Hz
Power consumption	4kW
Nominal current	12 Amp
Supply power	10 kVA
Overload protection	4 x 16 A
Differential protection	
Calibration	16 A
Sensitivity	300 mA
Control voltage	48 V
Auxiliary hand tools socket	230 V - 50/60 Hz 1200 W
Cable section	4 x 4 mm ²

(*) For greater heights, ask to manufacturer

Product Features



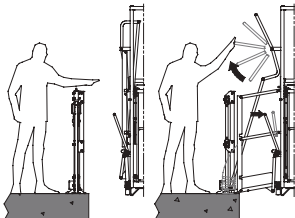
CPU and automatic floor management



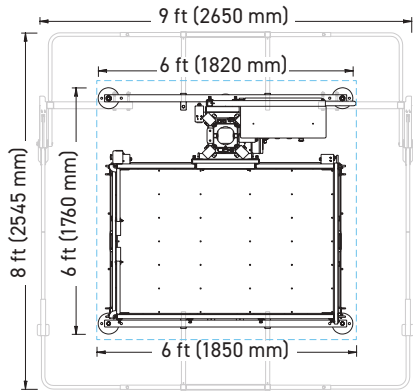
Landing levels call system



Overspeed parachute with auto-recovery system



Folding ramp with automatic side protection



Dual operation mode:
personnel & material

Safety Devices

Included

- Gear motors with electromechanical brake
- Overspeed parachute with auto-recovery system
- Emergency controlled descent
- Cage doors with automatic side protection
- Hoist control display with LED signaling
- Buffers at the ground base
- Hoist control CPU with event log
- Upper/lower track-end limit switch
- Safety track-end limit switch
- Overload detection device
- Mast presence switch
- Last mast without rack for safety
- Cage floor of non-slipping steel sheet
- Movement warning horn
- Phase detection control
- Emergency stop

Optional

- Landing doors with mechanical / electrical interlock
- Base enclosure with electrical interlock
- Landing levels call system
- Parachute test remote control



TRANSPORT PLATFORMS

PT 1000

A GREAT SOLUTION FOR
MEDIUM SIZE JOBS

The larger cabin footprint of the PT 1000F is ideal for drywall transportation at height. With a load capacity of 2200 lb (1000 kg) this transport platform is ideal for lifting men and/or materials on medium to large jobs. The footprint and single mast set up of this unit is still small enough for limited space jobs. This, along with a budget friendly price, makes the hoist highly productive and profitable.

- Overspeed parachute with auto-recovery system
- Galvanized steel finish with a non-slip cage floor
- Hoist controls with LED display

Main Features

- Max. load capacity: 2,200 lb (1,000 kg)
- Max. speed: 66 ft/min (20 m/min)
- Max. height: 400 ft (122 m) *inquire about greater heights*
- Cabin dimensions: 99 in x 55 in x 82 in (251 cm x 140 cm x 208 cm)
- Noise emission value: <70 dB

MAST SECTION



Square Mast:
Length: 59 in (1.5 m)
Weight: 104 lb (47 kg)

Mast Compatibility:
Mast Climber: PEC 120
Material Hoist: MC 1000
Construction hoist: EPM 1000



Mast compatible with
other ALBA hoists



PT 1000

Technical Features - PT 1000F-2V

Maximum load capacity	7 people + 1,200 lb (544 kg) material or 2,200 lb (998 kg) material only
Vertical speed	Personnel: 40 ft/min (12 m/min) Material: 80 ft/min (24 m/min)
Cage dimensions (LxWxH)	99 in x 55 in x 82 in (251 cm x 140 cm x 208 cm)
Motor power	2 x3 kW
Motor control	Frequency Converter
Maximum height (*)	400 ft (120 m) *
Anchorage each (max.)	20 ft (6 m)
Height over last anchorage	5 ft (1.5 m)
First anchorage height	20 ft (6 m)
Loading height-to-ground	16 in (40 cm)
Base assembly weight	1000 lb (450 kg)
Noise emission value	<70 dB
Regulations reference	ANSI A92.10

Electrical Data

Motor power	2 x 3.6 kW
Input power connection	380 ÷ 460 V - 50/60 Hz - 3 phase
Power consumption	7.2 kW
Nominal current	17/83 Amp
Supply power	20 kVA
Overload protection	3 x 25 A
Differential protection Calibration Sensitivity	25 A 300 mA
Control voltage	48 V
Auxiliary hand tools socket	120 V - 50/60 Hz 16 A
Cable section	4 x AWG 8

(*) For greater heights, ask to manufacturer

Product Features



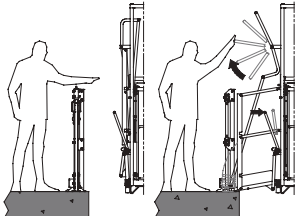
CPU and automatic
floor management



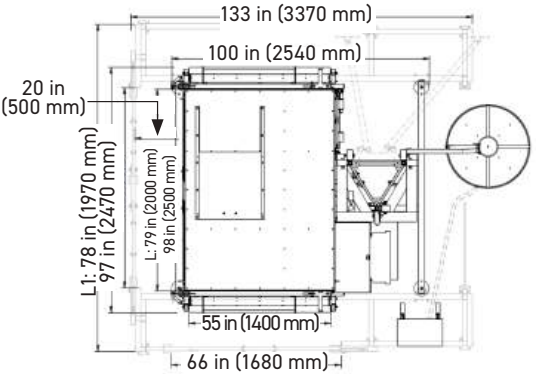
Landing levels call system



Overspeed parachute with
auto-recovery system



Folding ramp with automatic
side protection



Dual operation mode:
personnel & material

Safety Devices

Included

- Gear motors with electromechanical brake
- Overspeed parachute with auto-recovery system
- Emergency controlled descent
- Cage doors with automatic side protection
- Hoist control display with LED signaling
- Buffers at the ground base
- Hoist control CPU with event log
- Upper/lower track-end limit switch
- Safety track-end limit switch
- Overload detection device
- Mast presence switch
- Last mast without rack for safety
- Cage floor of non-slipping steel sheet
- Movement warning horn
- Phase detection control
- Emergency stop

Optional

- Landing doors with mechanical / electrical interlock
- Base enclosure with electrical interlock
- Landing levels call system
- Parachute test remote control
- Automatic greaser



TRANSPORT PLATFORMS

PT 2000

GREAT LIFTING CAPACITY
FOR LARGE PROJECTS

The PT 2000 can transport up to 11 personnel with material and equipment, or 4,400 lb (2,000 kg) of material only. With optional extensions, the cabin can be suited especially for lifting drywall. It climbs a robust square mast which is compatible with the EDC 2000 personnel hoist, the MC 2000 material hoist and the PEC 130/150 mast climbers.

- Overspeed parachute with auto-recovery system
- Galvanized steel finish with a non-slip cage floor
- Hoist controls with LED display
- Includes side loading doors

Main Features

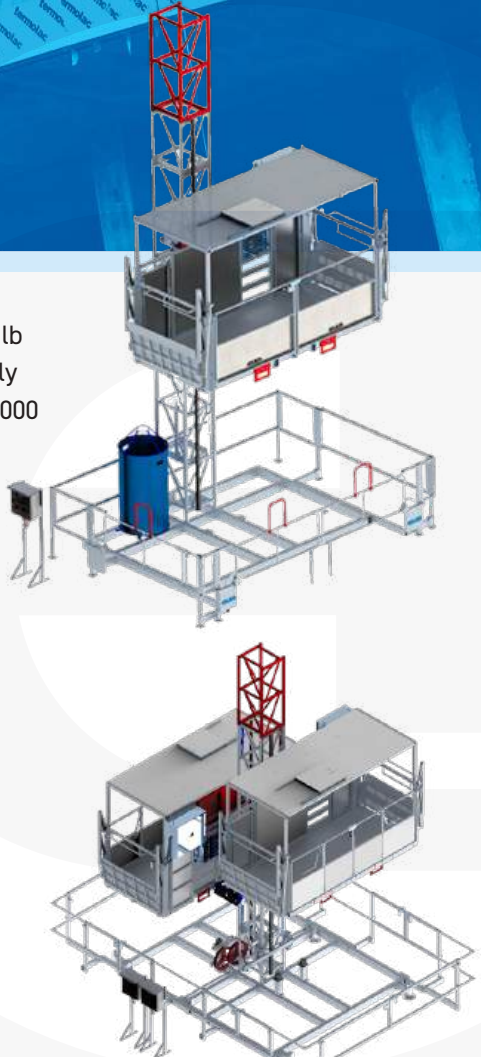
- Max. load capacity: 4,400 lb (2,000 kg) or 3,750 lb (1,700 kg) w/cabin extensions
- Max. speed: 39 & 72 ft/min (12 & 22 m/min)
- Max. height: 820 ft (250 m) *inquire about greater heights*
- Cabin dimensions: 130 in x 55 in x 82 in (3.3 m x 1.4 m x 2.1 m) with extensions: 161 in x 55 in x 83 in (4.1 m x 1.4 m x 2.1 m)
- Noise emission value: <70 dB

MAST SECTION



Square Mast:
Length: 59 in (1.5 m)
Weight: 1 Rack: 216 lb (98 kg)
2 Rack: 260 lb (118 kg)

Mast Compatibility:
Mast Climber: PEC 130/PEC 150
Material Hoist: MC 2000
Construction hoist: EDC 2000
Transport platform: PT 3800



Double Cabin Configurations Available
Personnel & Material Cabin Options

PT 2000

Technical Features - PT 2000

Maximum load capacity	11 people + 2,200 lb (1,000 kg) material or 4,400 lb (2,000 kg) material only
Vertical speed	Personnel: 40 ft/min (12 m/min) Material: 72 ft/min (22 m/min)
Cage dimensions (LxWxH) with Extensions	130 in x 55 in x 82 in (330 cm x 140 cm x 208 cm) 161 in x 55 in 83 in (4.1 m x 1.4 m x 2.1 m)
Motor control	Frequency Converter
Maximum height (*)	820 ft (250 m) * <500 ft (150 m) w/Standard mast or >500 ft with Reinforced mast
Anchorage each (max.)	30 ft (9 m)
Height over last anchorage	10 ft (3 m)
First anchorage height	20 ft (6 m)
Loading height-to-ground with cable bin with cable trolley	20 in (50 cm) 32 in(80 cm)
Base assembly weight	1100 lb (500 kg)
Regulation reference	ANSI A92.10

Electrical Data

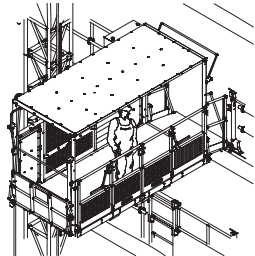
Motor power	2 x 5.5 kW
Input power connection	380 ÷ 460 V - 50/60 Hz - 3 phase
Power consumption	15 kW
Nominal current	32 Amp
Supply power	30 kVA
Overload protection	3 x 32 A
Differential protection Calibration Sensitivity	32 A 300 mA
Control voltage	48 V
Auxiliary hand tools socket	120 V - 50/60 Hz 16 A
Cable section	4 x AWG 7

(*) For greater heights, ask to manufacturer

Product Features



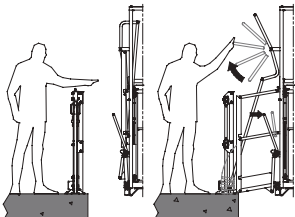
CPU and automatic floor management



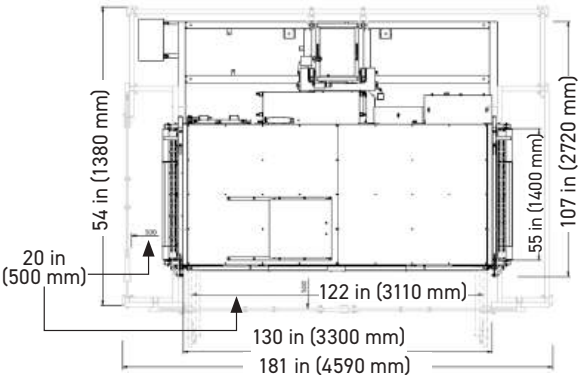
Falling object protection guard



Overspeed parachute with auto-recovery system



Folding ramps with automatic side protection



Dual operation mode: personnel & material

Safety Devices

Included

- Gear motors with electromechanical brake
- Overspeed parachute with auto-recovery system
- Emergency controlled descent
- Cage doors with automatic side protection
- Hoist control display with LED signaling
- Automatic floor management
- Buffers at the ground base
- Falling object protection guard
- Hoist control CPU with event log
- Upper/lower track-end limit switch
- Safety track-end limit switches
- Overload detection device
- Mast presence switch
- Last mast without rack for safety
- Aux. platform for mast and anchorage assembly
- Cage floor of non-slip galvanized steel
- Movement warning horn
- Phase detection control
- Emergency stop

Optional

- Landing doors with mechanical / electrical interlock
- Base enclosure with electrical interlock
- Aux. crane for mast assembly
- Motor with brake wear signal
- Landing levels call system
- Parachute test remote control
- Automatic greaser



TRANSPORT PLATFORMS

PTB 3800

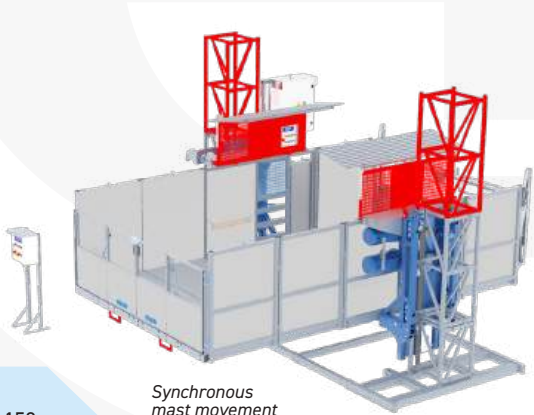
HIGHEST LOAD CAPACITY IN THE ALBA PRODUCT LINE

The PTB 3800 Twin Mast Transport Platform is made up of a 10.5 ft wide modular platform system driven by means of a cardan drive shaft transmission for smooth synchronization of the twin motor groups.

Three optional platform extensions allow for flexibility and a maximum platform length of 17ft-5in. to meet special job requirements such as lifting prefabricated structures or large equipment. A great hoist solution for maximum productivity on large job sites.

Main Features

- Max. load capacity: 8,400 lb (3,800 kg)
- Max. speed: 66 ft/min (20 m/min)
- Max. height: 820 ft (250 m) *inquire about greater heights*
- Cabin dimensions: 17 ft x 10 ft (5.3 m x 3.2 m)



Synchronous mast movement
CE

MAST SECTION



Square Mast:
Length: 59 in (1.5 m)
Weight: 1 Rack: 216 lb (98 kg)
2 Rack: 260 lb (118 kg)

Mast Compatibility:
Mast climber: PEC 130/PEC 150
Material hoist: MC 2000
Construction hoist: EDC 1700/2000
Transport platform: PT 1800/PT 2000

PTB 3800

Technical Features - PTB 3800 - 2V

	Cage dimensions (WxL) 10.5 x 6.9 ft 10.5 x 10.5 ft 10.5 x 13.8 ft 10.5 x 17.4 ft	Maximum capacity 8,400 lb - (7 people) 7,700 lb - (7 people) 7,050 lb - (7 people) 6,400 lb - (7 people)
Vertical speed	72 ft/min (22 m/min)	
Motor control	Frequency Converter	
Maximum height (*)	820 ft (250 m) *	
Anchorage each (max.)	39 ft (12 m)	
Height over last anchorage	10 ft (3 m)	
First anchorage height	20 ft (6 m)	
Loading height-to-ground with cable bin with cable trolley	3 ft (800 mm) 4 ft (1.150 mm)	
Transporting Dimensions	8 ft x 19 ft x 8 ft (2.350 x 5.680 x 2.400 mm)	
Regulation reference	ANSI A92.10	

Electrical Data

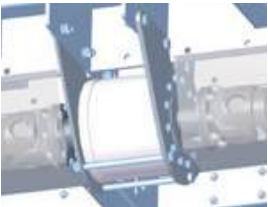
Motor power	4 x 5.5 kW
Input power connection	380 ÷ 460 V - 50/60 Hz
Power consumption	30 kW
Nominal / Starting current	50 Amp
Supply power	50 kVA
Overload protection	3 x 36 A
Differential protection Calibration Sensitivity	32 A 300 mA
Control voltage	48 V
Auxiliary hand tools socket	120 V - 50/60 Hz 1200 W
Cable section	4 x 6 AWG

(*) For greater heights, ask to manufacturer

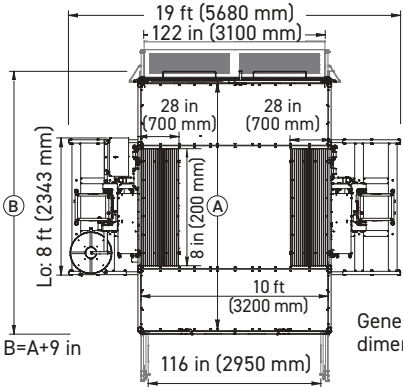
Product Features



CPU and automatic floor management



Overspeed parachute with auto-recovery system



General platform dimensions



Dual operation mode: personnel & material

Safety Devices

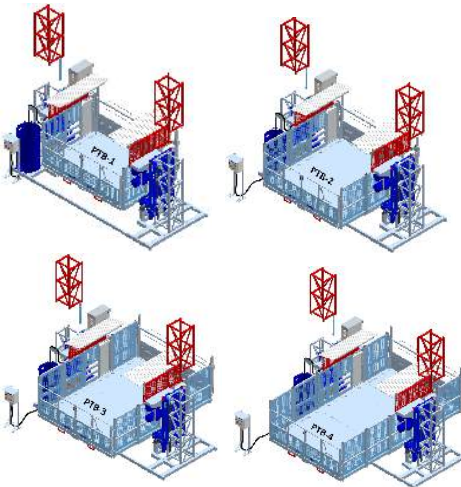
Included

- Gear motors with electromechanical brake
- Overspeed parachute with auto-recovery system
- Emergency controlled descent
- Cage doors with automatic side protection
- Hoist control display with LED signaling
- Automatic floor management
- Buffers at the ground base
- Falling object protection guard
- Hoist control CPU with event log
- Upper/lower track-end limit switch
- Safety track-end limit switches
- Overload detection device
- Mast presence switch
- Last mast without rack for safety
- Aux. platform for mast and anchorage assembly

- Cage floor of non-slip galvanized steel
- Movement warning horn
- Phase detection control
- Emergency stop

Optional

- Landing doors with mechanical / electrical interlock
- Base enclosure with electrical interlock
- Aux. crane for mast assembly
- Motor with brake wear signal
- Landing levels call system
- Parachute test remote control
- Automatic greaser





MATERIAL HOISTS

The material hoists are used to lift material vertically in construction and restoration projects and are characterized by their speed, smooth transport and simplicity of assembly.

Our experience allows us to adapt to the needs of the customer and thus create hoists and carriers for every application. The MC range of hoists climb the mast by means of the rack and pinion system, thus eliminating all the problems derived from cable lifts. The latest safety technology is used by incorporating an overspeed parachute with auto-recovery system.

The electrical components and the motors of all our hoists are manufactured by reputable European based International brands that are also available in North America. All our material hoists comply with ANSI A10.5 standards.





MATERIAL HOISTS

MC 250

QUICK & EASY ASSEMBLY,
MINIMUM MAINTENANCE

The MC 250 is a reliable rack & pinion Scaffold Material Hoist compatible with all brands and types of scaffolding on the market. It can be equipped with different interchangeable carriers depending on the type of materials to be lifted. There are carriers for system scaffolding, plywood/frame scaffolds, dry goods, pivoting carriers and more. Options include wireless remote control and battery power pack.

Main Features

- Max. load capacity: 550 lb (250 kg)
- Max. speed: 67 ft/min (20m/min)
- Max. height: 230 ft (70 m) *inquire about greater heights*
- Inside dimensions (LxWxH):
- System Scaffold Carrier: 39.75 x 19.75 x 75 in.
- Plywood Carrier: 63 x 19.25 x 72 in.
- Standard Carrier: 35 x 19.63 x 32.38 in.
- Pivoting Carrier: 49.5 x 31.5 x 43 or 72 in.

MAST
SECTION



Flat Mast:
Length: 6 ft (1.8 m)
Weight: 86 lb (39 kg)



MC 250

Technical Features

Maximum capacity	550 lb (250 kg)
Vertical speed	67 ft/min (20 m/min)
Standard carrier (LxWxH)	35 in x 20 in x 35 in (900 x 500 x 900 mm)
Easy access carrier (LxWxH)	51 in x 31 in x 39 in (1,300 x 800 x 1,100 mm)
System scaffold cage (LxWxH)	35 in x 20 in x 71 in (900 x 500 x 1,800 mm)
Motor power	1,5 kW (50Hz) 1,8 kW (60Hz)
Maximum height	230 ft (70 m)
Anchorage each (max.)	7 ft (2 m)
First anchorage height	3 ft (1 m)
Noise emission value	<70 dB
Regulation reference	ANSI A10.5

Electrical Data - 60Hz

Motor power	1.8 kW
Input power connection	208 V
Nominal current	10 Amp
Supply power	5 kVA
Overload protection	2 x 16 A
Differential protection Calibration Sensitivity	16 A 300 mA
Control voltage	48 V

Product Features

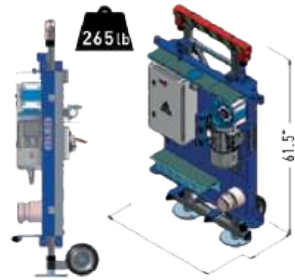
Safety Devices

Included

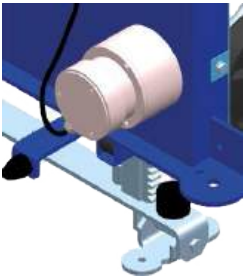
- Gear motors with electromechanical brake
- Overspeed parachute with auto-recovery system
- Emergency controlled descent
- LED for fault detection
- Buffers at the ground base
- Upper track-end buffer
- Upper/Lower track-end limit switch
- Safety track-end limit switches
- Mast presence detector (proximity switch)
- Emergency stop
- System scaffold cage specially designed to hold tubular scaffolding
- Special cage stand for 4m long tubes

Optional

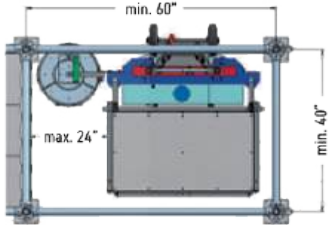
- Kit for installation of 3-intermediate stops in mast



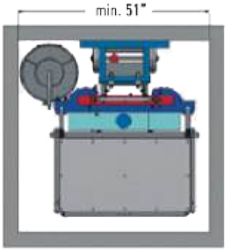
Base kit with wheels for
easy transportation



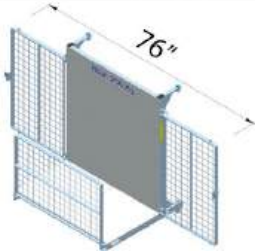
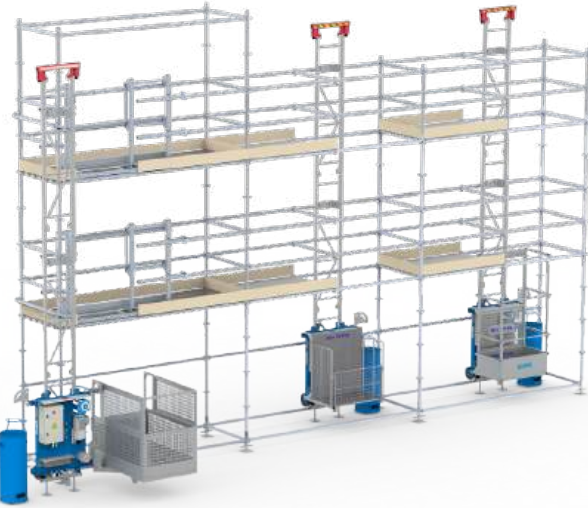
Overspeed parachute
with auto-recovery system



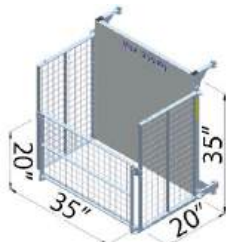
Installation dimensions
inside scaffolding



Installation dimensions
inside shaft



Carrier built with galvanized
steel and aluminum



Standard carrier
dimensions



MATERIAL HOISTS

MC 450

SUITABLE FOR TIGHT SPACES
(ELEVATOR SHAFT)

The MC 450 is lifted by a square tube mast, compatible with the PT 450 transport platform for passengers and materials and the PEC 90 mast climber, which represents an advantage for our customers in terms of investment and stock.

Main Features

- Max. load capacity: 1,000 lb (450 kg)
- Max. speed: 70 ft/min (20 m/min)
- Max. height: 400 ft (120 m) *inquire about greater heights*
- Cabin dimensions: 49 in x 33 in (1240 x 840 mm)



Mast compatible with other ALBA hoists

MAST SECTION



Square Tube:
Length: 59 in (1.5 m)
Weight: 86 lb (39 kg)

Mast Compatibility:
Mast Climber: PEC 90
Material Hoist: MC 450

MC 450

Technical Features

Maximum capacity	1,000 lb (450 kg)
Vertical speed	17 m/min (50 Hz) 20 m/min (60 Hz)
Car dimensions (LxW)	49 in x 33 in (1,240 x 840 mm)
Minimum hoistway	60 in x 60 in (1.500 x 1.500 mm)
Motor power	2,2 kW (50 Hz) 2,65 kW (60 Hz)
Motor control	Direct
Maximum height (*)	400 ft (120 m) *
Anchorage each (max.)	20 ft (6 m)
Height over last anchorage	5 ft (1,5 m)
First anchorage height	13 ft (4 m)
Minimum load height	1 ft (350 mm)
Maximum load (assembly)	440 lb (200 kg)
Noise emission value	<70 dB
Regulation reference	ANSI A92.10

Electrical Data

	50 Hz	60 Hz
Motor power	2,2 kW	2,65 kW
Input power connection	400 V – 50Hz	220 V – 60Hz 440 V – 60Hz
Power Consumption	2,2 kW	
Nominal current	6 Amp	
Supply power	8 kVA	
Starting current	33 A	66/33 A
Overload protection	4 x 10 A	4 x 16/10 A
Differential protection		
Calibration	10 A	16/10 A
Sensitivity	300 mA	300 mA
Control voltage	48 V	
Auxiliary hand tools socket	230 V – 50/60 Hz 16 A	
Cable section	5 x 2,5 mm²	4 x 4 / 6 x 2,5 mm²

(*) For greater heights, ask to manufacturer

Product Features



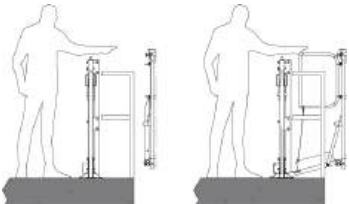
CPU and automatic floor management



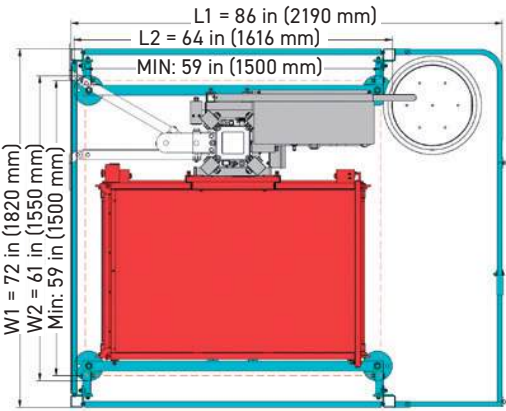
Landing levels call system



Overspeed parachute with auto-recovery system



Folding ramp with automatic side protection



Installation dimensions

Safety Devices

Included

- Gear motors with electromechanical brake
- Overspeed parachute with auto-recovery system
- Emergency controlled descent
- Cage doors with automatic side protection
- Hoist control display with LED signaling
- Automatic floor management
- Buffers at the ground base
- Hoist control CPU with event log
- Upper/lower track-end limit switch
- Safety track-end limit switches
- Overload detection device
- Mast presence switch
- Last mast without rack
- Cage floor of non-slip galvanized steel
- Phase detection control
- Emergency stop

Optional

- Landing doors with mechanical / electrical interlock
- Base enclosure with electrical interlock
- Overload detection device
- Motor with brake wear signal
- Landing levels call system
- Parachute test remote control
- Automatic greaser

MATERIAL HOISTS

MC 650

COMPACT YET HEAVY DUTY
ENOUGH FOR LARGE LOADS

The MC 650 was designed to easily load pallets using a forklift making transportation of material a breeze. With a load capacity of 1,450 lb (650 kg) and a small foot print, this material hoist is ideal for lifting materials in tight spaces. This, along with a budget friendly price, makes the hoist highly productive and profitable.

- Overspeed parachute with auto-recovery system
- Galvanized steel finish with a non-slip cage floor
- Hoist controls with LED display

Main Features

- Max. load capacity: 1430 lb (650 kg)
- Max. speed: 69 ft/min (21 m/min)
- Max. height: 400 ft (120 m) inquire about greater heights
- Cabin dimensions: 61in x 41 in (1,550 x 1,040 mm)
- Noise emission value: <70 dB

MAST
SECTION



Square Tube:
Length: 59 in (1.5 m)
Weight: 86 lb (39 kg)

Mast Compatibility
Mast Climber: PEC 90
Material Hoist: MC 450
Transport Platform: PT 450

Mast compatible with
other ALBA hoists



MC 650

Technical Features

Maximum capacity	1,450 lb (650 kg) material
Vertical speed	69 ft/min (21 m/min) (60 Hz)
Cage dimensions (LxW)	60 in x 40 in (155 cm x 140 cm)
Minimum hoist way	72 in x 72 in (185 cm x 185 cm)
Motor control	Direct
Maximum height (*)	400 ft (120 m) *
Anchorage each (max.)	20 ft (6 m)
Height over last anchorage	5 ft (1.5 m)
First anchorage height	13 ft (4 m)
Minimum loading height	13.7 in (35 cm)
Base assembly weight	440 lb (200 kg)
Noise emission value	<70 dB
Regulation reference	ANSI A10.5

Electrical Data - 60Hz

Motor power	2 x 1.8 kW
Input power connection	440V – 60 Hz
Power consumption	3.6 kW
Nominal current	7.5 A
Supply power	8 kVA
Starting current	38 A
Overload protection	4 x 10 A
Differential protection Calibration Sensitivity	10 A 300 mA
Control voltage	48 V
Auxiliary power tool socket	120V – 60 Hz 15A

(*) For greater heights, ask to manufacturer

Product Features



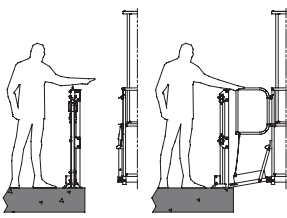
CPU and automatic
floor management



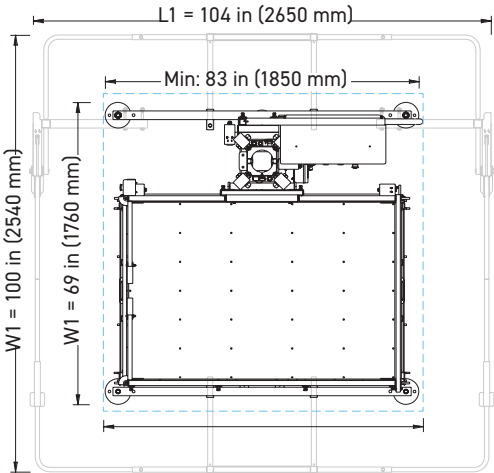
Landing levels call system



Overspeed parachute with
auto-recovery system



Folding ramp with automatic
side protection



Safety Devices

Included

- Gear motors with electromechanical brake
- Overspeed parachute with auto-recovery system
- Emergency controlled descent
- Cage doors with automatic side protection
- Hoist control display with LED signaling
- Automatic floor management
- Buffers at the ground base
- Hoist control CPU with event log
- Upper/lower track-end limit switch
- Safety track-end limit switches
- Mast presence switch
- Cage floor of non-slip galvanized steel
- Phase detection control
- Emergency stop

Optional

- Landing doors with mechanical/electrical interlock
- Base frame enclosure
- Overload detection devise
- Landing levels call system
- Parachute test remote control
- Automatic greaser



MATERIAL HOISTS

MC 1000

A VERY VERSATILE
MATERIAL HOIST

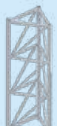
The MC 1000 Material Hoist can be used to lift loads both on new construction and restoration jobs.

Also available with a larger cabin (the MC 1000F version), this hoist climbs a triangle mast compatible with the PEC 120 Mast Climber and the PT 1200 Transport Platform and EPM 1000 Personnel Hoist.

Main Features

- Max. load capacity: 2,200 lb (1,000 kg)
- Max. speed: 66 ft/min (20 m/min)
- Max. height: 400 ft (120 m) inquire about greater heights
- Cabin dimensions: 79 in x 69 in (2,000 mm x 1,750 mm)

MAST SECTION



Triangle Mast:
Length: 59 in (1.5 m)
Weight: 106 lb (47 kg)

Mast Compatibility
Mast Climber: PEC 120
Personnel & Material Hoist: EPM 1000
Transport Platform: PT 450/PT 1200



MC 1000

Technical Features

Maximum capacity	2,200 lb (1,000 kg) material
Vertical speed	66 ft/min (20 m/min)
Cage dimensions (LxW)	79 in x 69 in (2.000 x 1.750 mm)
Motor Power	2 x 3 kW (50 Hz)
Motor control	Direct
Maximum height (*)	400 ft (120 m) *
Anchorage each (max.)	20 ft (6 m)
Height over last anchorage	5 ft (1.5 m)
First anchorage height	20 ft (6 m)
Minimum load height	2 ft (400 kg)
Maximum load height (assembly)	300 kg
Noise emission value	<70 dB
Regulation reference	ANSI A10.5

Electrical Data - 50Hz

Motor power	2 x 3 kW
Input power connection	400V
Power consumption	6 kW
Nominal current	14 A
Supply power	20 kVA
Starting current	77 A
Overload protection	4 x 25 A
Differential protection Calibration Sensitivity	25 A 300 mA
Control voltage	48 V
Auxiliary power tool socket	230 V – 50 Hz 16 A
Cable Section	5 x AWG 6

(*) For greater heights, ask to manufacturer

Safety Devices

Included
Gear motors with electromechanical brake
Overspeed parachute with auto-recovery system
Emergency controlled descent
Hoist control display with LED signaling
Automatic floor management
Buffers at the ground base
Hoist control CPU with event log
Upper/lower track-end limit switch
Safety track-end limit switches
Mast presence switch
Last mast without rack
Aux. catwalk for anchorage assembly
Cage floor of non-slip galvanized steel
Phase detection control
Emergency stop
Optional
Landing doors with mechanical/electrical interlock
Base enclosure with electrical interlock
Overload detection devise
Aux. crane for mast assembly
Motors with brake wear signal
Landing levels call system
Parachute test remote control
Automatic greaser

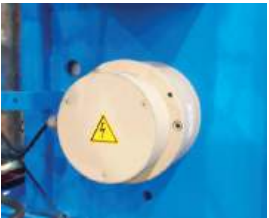
Product Features



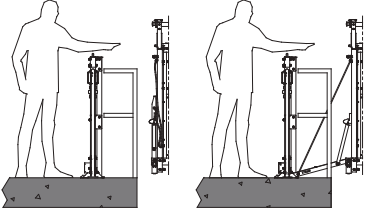
CPU and automatic floor management



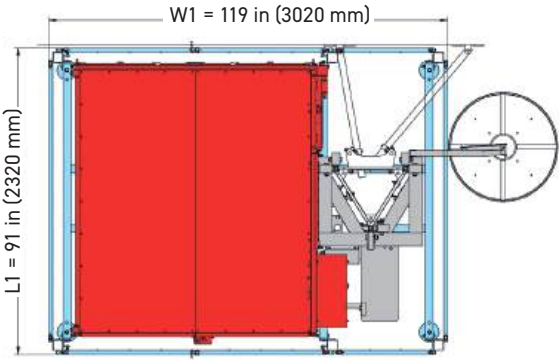
Landing levels call system



Overspeed parachute with auto-recovery system



Landing doors with mechanical / electrical interlock



Installation dimensions



MATERIAL HOISTS

MC 2000

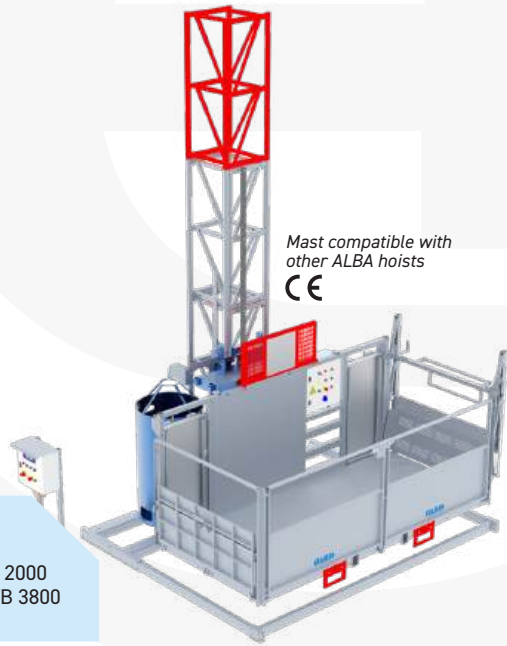
SUITABLE FOR LARGE BUILDING SITES

This heavy duty material hoist is available with a short and wide or long and narrow cabin with a 4,400 (2,000 kg) load capacity to fit the needs of a wide variety of large construction or restoration jobs.

The robust square mast is compatible with the EDC 2000 Personnel Hoist, PT 2000 Transport Platform and the PEC 130/150 Mast Climbers.

Main Features

- Max. load capacity: 4,400 lb (2,000 kg)
- Max. speed: 66 ft/min (20 m/min)
- Max. height: 820 ft (250 m) inquire about greater heights
- Cabin dimensions: : 126 in x 55 in (3,200 mm x 1,400 mm)



MAST SECTION

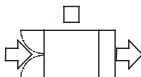
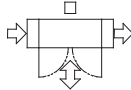
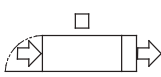


Square Mast:
Length: 59 in (1.5 m)
Weight: 1 Rack: 216 lb (98 kg)
2 Rack: 260 lb (118 kg)

Mast Compatibility
Mast climber: PEC 130/PEC 150
Personnel & material hoist: EDC 2000
Transport Platform: PT 1800/PTB 3800

MC 2000

Technical Features

	MC 2000	MC 2000FA	MC 2000FB
			
Cage dimensions (LxW)	79 in x 69 in (2.000 x 1.750 mm)	126 in x 55 in (3200 x 1400 mm)	
Maximum capacity	4,400 lb (2,000 kg) material		
Vertical speed	66 ft/min (20 m/min)		
Motor control	Direct		
Maximum height (*)	820 ft (250 m) *		
Anchorage each (max.)	30 ft (9 m)		
Height over last anchorage	10 ft (3 m)		
First anchorage height	20 ft (6 m)		
Loading height-to-ground with cable bin with cable trolley	1 ft (400 mm) 2 ft (700 mm)		
Maximum load (assembly)	1,000 lb (500 kg)		
Noise emission value	<70 dB		
Regulation reference	ANSI A10.5		

Electrical Data

	50 HZ	60 HZ
Motor power	2 x 5.5 kW	2 x 6.6 kW
Input power connection	400 V	440 V
Power consumption	11 kW	14 kW
Nominal current	25 A	25 A
Supply power	30 kVA	
Starting current	165 A	
Overload protection	4 x 32 A	
Differential protection		
Calibration	32 A	
Sensitivity	300 mA	
Control voltage	48 V	
Auxiliary power tool socket	230 V – 50/60 Hz 1200 W	
Cable Section	4 x AWG 8	

(*) For greater heights, ask to manufacturer

Product Features



CPU and automatic floor management



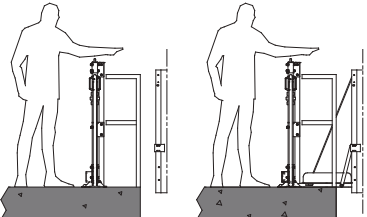
Landing levels call system



Overspeed parachute w/auto-recovery system



MC 200 FA: Load door opening L = 122 in (3.1 m)



Landing doors with mechanical / electrical interlock

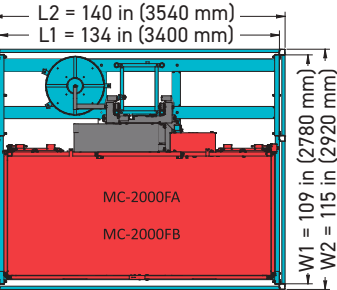
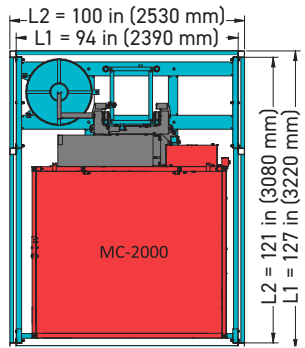
Safety Devices

Included

- Gear motors with electromechanical brake
- Overspeed parachute with auto-recovery system
- Emergency controlled descent
- Hoist control display with LED signaling
- Automatic floor management
- Buffers at the ground base
- Hoist control CPU with event log
- Upper/lower track-end limit switch
- Safety track-end limit switches
- Mast presence switch
- Last mast without rack
- Aux. platform for mast and anchorage assembly
- Cage floor of non-slip galvanized steel
- Phase detection control
- Emergency stop

Optional

- MC 2000 ONLY - Third door on cage (front side)
- Landing doors with mechanical/electrical interlock
- Base enclosure with electrical interlock
- Overload detection devise
- Aux. crane for mast assembly
- Motors with brake wear signal
- Landing levels call system
- Parachute test remote control
- Automatic greaser





CRANE OPERATOR LIFT

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CRANE OPERATOR LIFT

EG 250

EFFICIENCY AND SAFETY
WHEN OPERATING CRANES

Efficiency and safety when lifting through the crane with capacity for 2 Personnel 550 lb (250 kg), this lift gives operators the greatest safety and comfort when rising by the crane, since it has a centrifugal brake and overspeed parachute.

Quick and easy to assemble, the EG 250 has a universal anchor for all types of tower cranes every 14 ft (4.2 m).

Main Features

- Max. load capacity: 4,400 lb (250 kg)
- Max. speed: 66 ft/min (20 m/min)
- Max. height: 400 ft (120 m) inquire about greater heights
- Cabin dimensions: : 47 in x 24 in x 81 in (1,200 x 600 x 2,050 mm)

MAST SECTION



Ladder Mast:
Length: 59 in (1.5 m)
Weight: 55 lb (25 kg)



EG 250

Technical Features

	50 Hz	60 Hz
Maximum load capacity	2 Pax - 550 lb (250 kg)	
Vertical speed	66 ft/min (20 m/min)	
Cage dimensions (LxWxH)	51 in x 24 in x 81 in (1,300 mm x 600 mm x 2,050 mm)	
Minimum hoistway	59 in x 59 in (1,500 mm x 1,500 mm)	
Motor power	2 x 1.1 kW	2 x 1.32 kW
Motor control	Direct	
Maximum height (*)	400 ft (120 m) *	
Anchorage each (max.)	14 ft (4.2 m)	
Minimum load height	1 ft (300 mm)	
Maximum load (assembly)	331 lb (150 kg)	
Noise emission value	<70 dB	
Regulation reference	EN 81-43	

Electrical Data

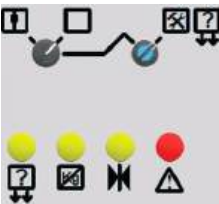
	50 Hz	60 Hz
Motor power	2 x 1.1 kW	2 x 1,32 kW
Input power connection	400 V - 50Hz	440 V - 60Hz
Power consumption	2,2 kW	2,64 kW
Nominal current	6 A	7 A
Supply power	8 kVA	
Starting current	33 A	38 A
Overload protection	10 A	
Differential protection Calibration Sensitivity	10 A 300 mA	
Control voltage	48 V	
Auxiliary hand tools socket	230 V - 50/60 Hz 16 A	
Cable section	5 x 2.5 mm²	

(*) For greater heights, ask to manufacturer

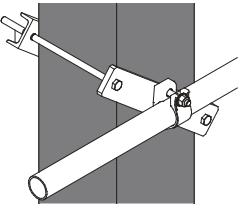
Product Features



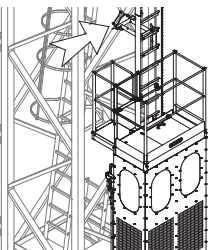
Overspeed parachute w/auto-recovery system



Validating control system and diagnostic LEDs



Anchorage compatible with all types of crane



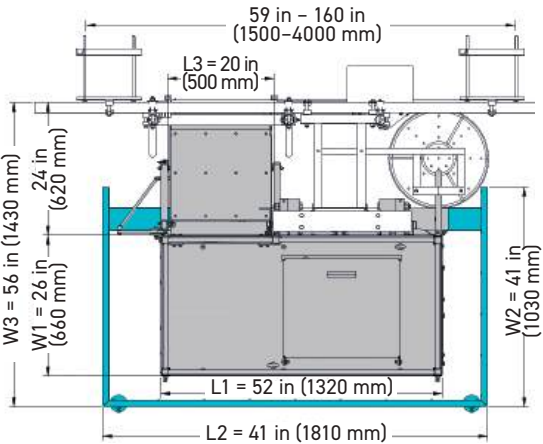
Fast union single point anchorage for specific crane models



Control to send or call the hoist at access points



Additional safety device - centrifugal brake



Interior and exterior control + inspection mode

Safety Devices

Included

- Gear motors with electromechanical brake
- Overspeed parachute with auto-recovery system
- Emergency controlled descent
- Cage door with automatic side protection
- Hoist control display with LED signaling
- Buffers at the ground base
- Upper/lower track-end limit switch
- Safety track-end limit switches
- Overload detection device
- Mast presence detector
- Upper endtrack buffers
- Cage floor of non-slipping material
- Phase control
- Emergency stop
- Emergency exit, accessible roof with handrails
- Portable control panel for hoist assembly
- Control panel at lower access to send or call the hoist

Optional

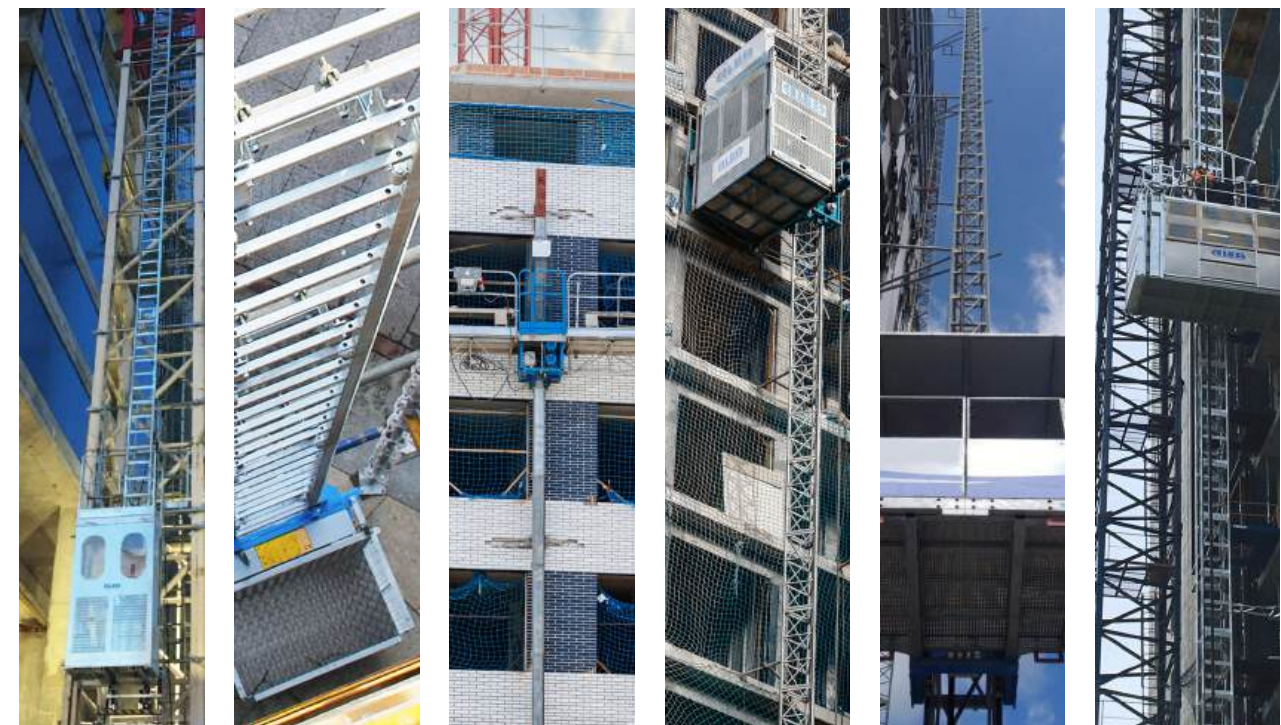
- Centrifugal brake
- Landing doors with mechanical/electrical interlock
- Base frame enclosure
- Auxiliary catwalk for anchor assembly
- Auxiliary mast carrier for column erection
- Control panel at upper access to send or call the hoist



MAST COMPATIBILITY

All ALBA masts are designed and manufactured in-house to ensure the highest standards of quality, precision and full compatibility between hoists. As pioneers in the construction machinery industry, ALBA blends advanced engineering with decades of expertise—delivering reliable mast systems supported by world-class service.

MAST COMPATIBILITY



LADDER

Length
59" (1.5 m)

Weight
55 lb (25 kg)



FLAT

Length
78" (2 m)

Weight
55 lb (25 kg)



SQUARE TUBE

Length
59" (1.5 m)

Weight
86 lb (39 kg)



TRIANGLE

Length
59" (1.5 m)

Weight
104 lb (47 kg)



SQUARE

Length
59" (1.5 m)

Weight
216 lb (98 kg)



M650

Length
59" (1.5 m)

Weight
308 lb (140 kg)

MAST CLIMBERS

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PEC 90

PEC 120

PEC 130
& 150

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TRANSPORT PLATFORMS

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PT 450

PT 1200

PT 1800
& PTB 3800

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PERSONNEL & MATERIAL HOISTS

EG 250

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EPM 1000

EDC 1700
& 2000

PMH

MATERIAL HOISTS

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MC 250

MC 450

MC 1000

MC 2000

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