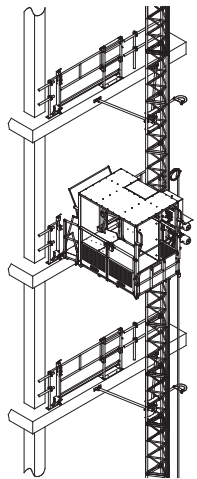


DATA SHEET PT 1200



Mast compatible with other Alba hoists



CPU and automatic floor management



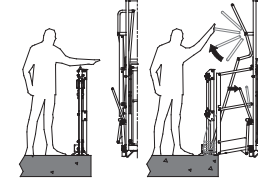
Overspeed parachute with auto-recovery system



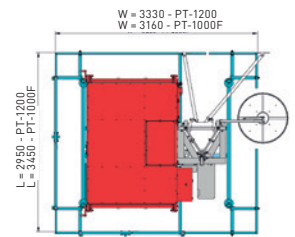
Landing levels call system



Folding ramps with automatic side protection



Installation dimensions



Dual operation mode: persons - loads



TECHNICAL FEATURES

| | PT 1200-2V | PT 1000F-2V | PT 1200-1V | PT 1000F-1V |
|----------------------------|----------------------------|----------------------------|--|--------------------|
| Maximum capacity | 7 pax + 500 kg 1.200 kg | 7 pax + 300 kg 1.000 kg | 12 pax 1.200 kg | 10 pax 1.000 kg |
| Cage dimensions (LxWxH) | 2 x 1,4 x 2,1 m | 2,5 x 1,4 x 2,1 m | 2 x 1,4 x 2,1 m | 2,5 x 1,4 x 2,1 m |
| Vertical speed | 12+20 m/min | | 20 m/min | |
| Motor power | 2 x 3 kW | | 2 x 3 kW (50 Hz) 2 x 3,6 kW (60 Hz) | |
| Motor control | FREQUENCY CONVERTER | | DIRECT | |
| Maximum height (*) | 120 m (*) | | | |
| Anchorage each (max.) | 6 m | | | |
| Height over last anchorage | 1,5 m | | | |
| First anchorage height | 6 m | | | |
| Loading height-to-ground | 400 mm | | | |
| Maximum load (assembly) | 300 kg | | | |
| Noise emission value | <70 dB | | | |
| Regulations reference | EN-16719 | | EN-12158 | |

ELECTRICAL DATA

| | PT 1200/1000F-2V | | PT 1200/1000F-1V | |
|---|------------------------|--------------|------------------|--------------|
| | 50 Hz | 50 Hz | 50 Hz | 60 Hz |
| Motor power | 2 x 3 kW | 2 x 3 kW | 2 x 3 kW | 2 x 3,6 kW |
| Input power connection | 380÷460 V – 50/60Hz. | 400 V – 50Hz | 440 V – 60Hz | 380 V – 60Hz |
| Power consumption | 7,5 kW | 6 kW | 7,2 kW | |
| Nominal current | 17 A | 14 A | 15 A // 17 A | |
| Supply power | 20 kVA | | | |
| Starting current | - | 70 A | 83 A | 97 A |
| Overload protection | 3 x 25 A | | | |
| Differential protection Calibration Sensitivity | 25 A 300 mA | | | |
| Control voltage | 48 V | | | |
| Auxiliar handtools socket | 230 V – 50/60 Hz 1200W | | | |
| Cable section | 4 x 6 mm ² | | | |

MAST SECTION



Triangle mast
Length: 1,5 m
Weight: 47 kg

Mast compatibility: (see p.50)
Mast climber: PEC 120
Material hoist: MC 1000
Passengers & material hoist: EPM 1000

(*) For greater heights, ask to manufacturer.

In our constant improving, we reserve the right to make modifications. The images in this catalogue are merely illustrative and in no case contractual.

SAFETY DEVICES INCLUDED AND OPTIONS

| | INCLUDED | OPTION |
|--|----------|--------|
| GENERALS | | |
| Gearmotors with electromechanical brake | ✓ | |
| Overspeed parachute with auto-recovery system | ✓ | |
| Emergency lowering lever | ✓ | |
| Cage doors with automatic side protection | ✓ | |
| Landing doors with mechanical / electrical interlock | | ✓ |
| Base enclosure with electrical interlock | | ✓ |
| Hoist control display with signaling LEDs: | ✓ | |
| - Cage / landing door open | | |
| - End of mast | | |
| - Upper/lower endtrack | | |
| - Aux. Crane interfering | | |
| - Fault on brake of motor | | |
| - Last 2 m. Zone | | |
| - Overspeed parachute | | |
| - Cage overload | | |
| - Motor overheat fault | | |
| - Hoist free / busy | | |
| Automatic floor management | ✓ | |
| Buffers at the ground base | ✓ | |
| Hoist control CPU, with event log | ✓ | |
| Upper/lower endtrack limit switch | ✓ | |
| Safety endtrack limit switch | ✓ | |
| Overload detection device | ✓ | |
| Mast presence switch | ✓ | |
| Last mast without rack | ✓ | |
| Aux. catwalk for anchorage assembly | ✓ | |
| Aux. crane for mast assembly | | ✓ |
| Motors with brake wear signal | | ✓ |
| Cage floor of non-slipping galvanized steel | ✓ | |
| Movement warning horn (LAST 2 m) | ✓ | PT-2V |
| Phase control | ✓ | |
| Emergency stop | ✓ | |
| Landing levels call system | | ✓ |
| Parachute test remote control | | ✓ |
| Automatic greaser | | ✓ |