



Light Square  
Mast

### Mast Climbing Work Platform SAE SPM-4016 (Square Mast)



Drive Unit



Drive Unit Details



Detail of Jack



Optional Wall Extensions Floors



Thanks to the easy assembly, and because it is very friendly in the use, this mast climber is the optimum for the following facade application:

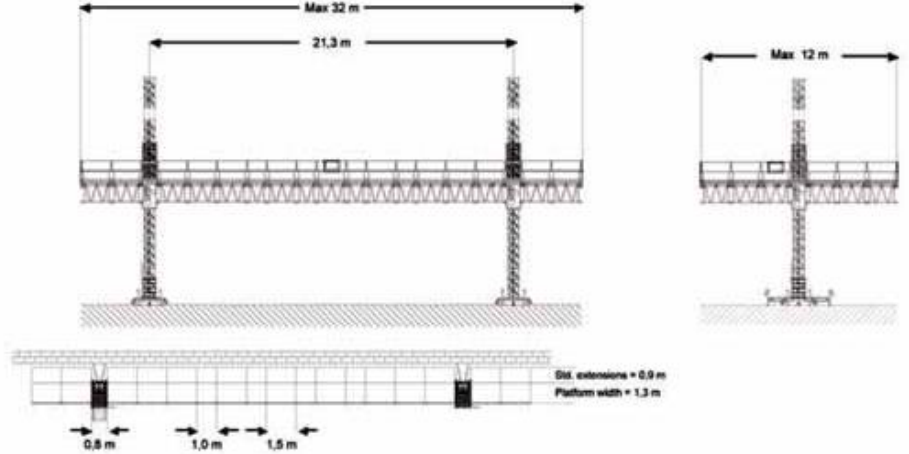
- Curtain Walling.
- Brick Laying.
- Glazing and Plastering.
- Painting.
- Installation of ventilated walls.
- Balcony and roof repairs renovations.
- Windows installation / replacement.
- Guttery / Pipes installation / replacement.
- New building renovation etc. etc.
- Sylos construction / renovations
- Chimney construction / renovations
- Public works (dams - viaducts etc.)



# SAEclimber SAE SPM 4016 (P40)



## Mast Climbing Work Platform SAE SPM-4016 (Triangular Trellis Mast)



### Main Safety Devices

- Gear motors self braking type IP55 Protection.
- Planetary gears.
- Acoustic signal when moving.
- Low voltage Electrical panel.
- Phase control.
- Voltage / Phase changing device.
- Mast protection.
- Vertical terminal element with interrupted rack for safety.
- Manuel descent device in no-power condition.
- Double safety limit switches up / down /levelling / emergency.
- Limit switch for door opening.
- Automatic levelling device in twin mast configuration.
- Control of mast presence.
- Independent Emergency parachute brake in each drive unit.
- Safety pins for connection of platforms.
- Levelling jacks with lock.

### Technical Data

- Max height (higher on request) 150 m(\*)
  - Height of each triangular mast section 1.50 m
  - Weight of mast section (h.d. galvanized) 78 Kg
  - Max length of twin mast 32 m
  - Max length of single mast 12 m
  - Fixed width of platform 1.30 m
  - Length of standard extensions (longer on request) 0.90 m(\*)
  - Max Width of platform (in standard configuration) 2.20 m(\*)
  - Geared-motors per drive unit 2 x 1.85 KW with integrated centrifugal brake in each motor
  - Emergency parachute brake in the P36P version
  - Elevation speed 6.30 m/min
  - Ties every 6.00 m(\*)
  - Max Payload in twin mast 4.000 Kg
  - Max Payload in single mast 2.000 Kg
  - Max Length with max payload in twin mast without wall extensions 14.60 m
  - Max Length with max payload in single mast without wall extensions 12.00 m
  - Max payload with max length without wall extensions in twin mast 1.300 Kg
  - Max payload with max length without wall extensions in single mast 2.000 Kg
- All elements (chassis, platforms, gates, handrails, mast sections, ties, wall extensions etc) are hot dip galvanized



(\*) Other values on request.

NOTE: SAE reserves the right to change any of the written specification without notice.



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