



AN ALTERNATIVE SOLUTION FOR CONSTRUCTION PROJECTS

Mast Climbing Work Platforms Rental -Sales -Support -Services

OTHER APPLICATIONS INCLUDES:

Oil & Gas, Shipyards, Powerplants, Mining and other Industrial/High-Rise Projects



SCANCLIMBER® SC1300 Mast climbing work platform



SC1300

SC4000

SCANCLIMBER® SC4000 Mast climbing work platform



Platform can be turned 90° to the side of the main platform

Technical data	SC1300 single	SC1300 twin
• Max. platform length / loading capacity	4,2 m / 1300 kg 7,4 m / 1000 kg 10,5 m / 700 kg	11,9 m / 2320 kg 18,3 m / 1700 kg
• Max. freestanding height - with full extended outriggers - with extended outriggers on one side	20 m 15 m	20 m 15 m
• Max. height with top anchor	25 m	25 m
• Max. height with mast anchored	100 m	100 m
• Distance between anchors	18,5 m	18,5 m
• Max. jack load	50 kN	50 kN
• Transport weight	3500 kg	2 x 3500 kg
• Lifting speed	6,0 m / min.	6,0 m / min.
• Mast section, hot dip galvanized	1,25 m / 82 kg	1,25 m / 82 kg
• Electric system - lifting motors - drive motor	400 V/50 Hz/3,0 kW 3 phase/32 A 400 V/1,1 kW	2x400 V/50 Hz/3,0 kW 3 phase/32 A 2x400 V/1,1 kW
• Safety devices - overspeed safety brake - emergency stop and limit switches - electromagnetic brake - phase sequence relay - residual current device	◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆

Technical data	SC4000 single	SC4000 twin
• Max. platform length / loading capacity	4,2 m / 2000 kg 7,4 m / 1700 kg 10,5 m / 1400 kg 12,5 m / 1200 kg 13,75 m / 900 kg	11,9 m / 4200 kg 15,1 m / 3800 kg 19,9 m / 3250 kg 23,1 m / 2775 kg 26,3 m / 2515 kg 31,4 m / 2065 kg
• Max. freestanding height - with full extended outriggers - with extended outriggers on one side	15 m 15 m	15 m 15 m
• Max. height with top anchor	25 m	25 m
• Max. height with mast anchored	300 m	300 m
• Distance between anchors	18,5 m	18,5 m
• Max. jack load	60 kN	60 kN
• Transport weight	4000 kg	2 x 4000 kg
• Lifting speed	6,0 m / min.	6,0 m / min.
• Mast section, hot dip galvanized	1,25 m / 82 kg	1,25 m / 82 kg
• Electric system - lifting motors - drive motor	2x400 V/50 Hz/2,2 kW 3 phase/32 A 400 V/1,1 kW	4x400 V/50 Hz/2,2 kW 3 phase/2x32 A 2x400 V/1,1 kW
• Safety devices - overspeed safety brake - emergency stop and limit switches - electromagnetic brake - phase sequence relay - residual current device	◆ ◆ ◆ ◆ ◆	◆ ◆ ◆ ◆ ◆



Extensions up to 3,7 m



SC4000 Multi-Platforms

40 units of Scanclimber SC 4000 mast climbing work platforms were used for façade panel Installation in Jalan Ampang, Kuala Lumpur. The Ilham Baru tower (IB Tower) has a specially designed shape with the height of 275m.

One of the main challenges faced by the cladding contractor is large cladding panels where it is 6 meters long, vertically slanting cladding panels were very heavy and big, which made the use of suspended platforms and scaffolding practically impossible. Instead of suspended platforms and scaffolding, the customer decided to use Mast Climbing Work Platforms. The multi-platform system where two platforms on a single mast were mainly used to achieve work efficiency.

Key reasons for choosing MCWP's were:

- Improved work safety
- Potentially to drive two platforms on a single mast
- Unobstructed access
- Potentiality to transport heavy cladding panels precisely to the installation position
- Faster travelling speed of the platforms

Scanclimber's partner in South-East Asia, Scan-Rent Sdn Bhd Malaysia was awarded the contract to supply Mast Climbing Work Platforms for the cladding work on the IB Tower building in July 2013. The initial platforms were shipped in June 2013 and dismantling started in December 2014



IB TOWER - SCANCLIMBER MASTPLATFORM LAYOUT

