

1. GENERAL INFORMATION 13

1.1 Scanclimber Mast Climbing Work Platforms	13
1.2 Scanclimber SC8000 Technical specifications	14
1.2.1 General	14
1.2.2 Capacity	14
1.2.3 Weights	14
1.2.4 Safety Equipment	15
1.2.5 Electrical Installation.....	15
1.2.6 Basic Unit.....	15
1.2.7 Measurements	16
1.2.8 Optional equipment.....	17
1.3 Warranty terms	18

1. GENERAL INFORMATION

1.1 Scanclimber Mast Climbing Work Platforms

Scanclimber mast climbing work platforms (MCWP) are based on flexible modular system that provides a solution for many kind of high rise jobs, e.g. façade work, brick laying, plastering, painting, window installation, balcony work, etc. The mast climbing work platform is erected rapidly. Its construction is simple and easily maintained. Scanclimber provides a large, stable and safe work area up to 150 m height anchored and 20 m freestanding mast and even greater heights are possible. Ask your dealer for more information.

Scanclimber MCWPs are provided single or twin mast versions. The maximum platform length is 16,9 m with single mast and 46 m with twin mast. The payload is up to 4500 kg on a single and 8000 kg on a twin mast platform.

There is a large variety of telescopic and fixed extensions that can be installed to the base platform making it possible to shape the platform exactly around the façade.

Scanclimber MCWPs can be installed on a wheel or mini chassis. The wheel chassis gives a stable base for the platform and can be equipped with a driving motor for easy job site movements. The maximum freestanding height 20 m with wheel chassis. Mini chassis is used when the space for chassis is limited.

Scanclimber provides a weather cover to get the working environment comfortable regardless of the weather conditions.

Scanclimber MCWPs consist of a chassis, lifting frame, platform sections, mast and anchoring.

1.2 Scanclimber SC8000 Technical specifications

1.2.1 General

Scanclimber SC8000 is made in Poland.

⋮ The machine can be installed either for outdoor or indoor use.

1.2.2 Capacity

	Single	Twin
Max. platform length	16,9 m	46,2 m
Max. lifting capacity / platform length	4500 kg / 4,1 m	8000 kg / 14,2 m
	4100 kg / 7,3 m	7500 kg / 23,8 m
	3700 kg / 10,5 m	6500 kg / 27,0 m
	3250 kg / 13,7 m	4100 kg / 36,6 m
	2800 kg / 16,9 m	1000 kg / 46,2 m
Max. mast height, anchored mast	150 m	150 m
Max. mast height, freestanding mast	19 m	18 m
Max. anchor spacing	18 m	18 m
Vertical travel speed	7,2 m / min	7,2 m/min
Chassis drive unit speed	13 m /min	
Platform height at the lowest position	1,55 m	1,55 m

1.2.3 Weights

Wheel chassis	1900 kg
Minichassis	430 kg
Lifting frame, fully equipped	1000 kg
Mast section	82 kg
Mast bolts per one mast section	4 kg
Platform section 1,6m	158 kg
Platform section 0,8 m	95 kg
Railing 1,6 m	12 kg
Railing 1,6 m, with gate	26 kg
Railing 0,8 m	8 kg
Ladder	10 kg
Maxianchor	56 kg
Maxianchor, vertically adjustable	110 kg
Telescopic extension set, 1,8 m, per one platform section, w/o plywood deck	83 kg
Telescopic extension set, 2,5 m, per one platform section, w/o plywood deck	180 kg

1.2.4 Safety Equipment

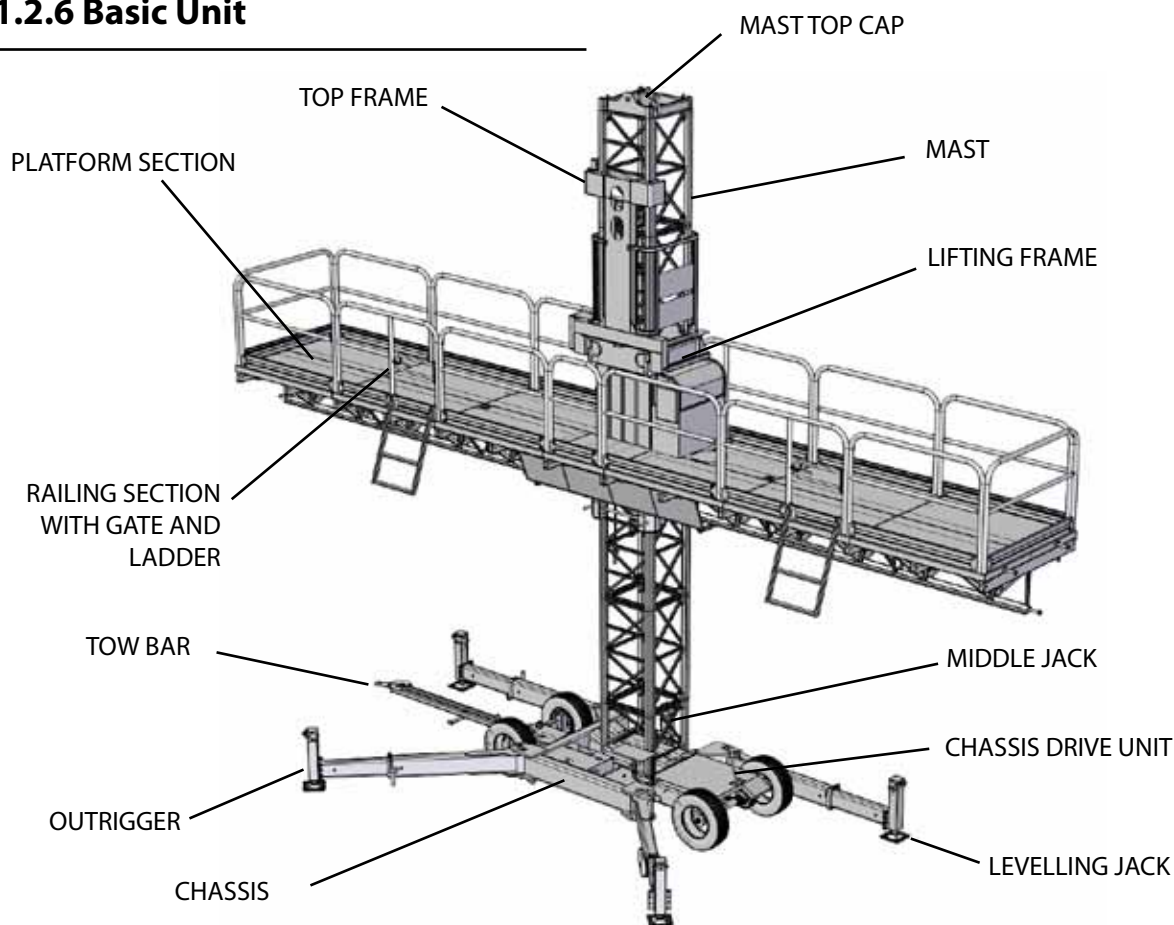
- Mechanical safety brake
- Manual lowering system
- Safety railing (h=1,10 m) and kick board on the platform
- Functional limit switches on the top and bottom of the mast
- Final limit switches on the top and bottom of the mast
- Spring loaded disk brake, torque 100 Nm
- Inductive mast detector
- Residual current device

1.2.5 Electrical Installation

Lifting motors	2 X 4,0 kW
Supply voltage	400 V / 50 Hz
Power supply fuses	3 X 32 A
Needed power supply	48 kVA

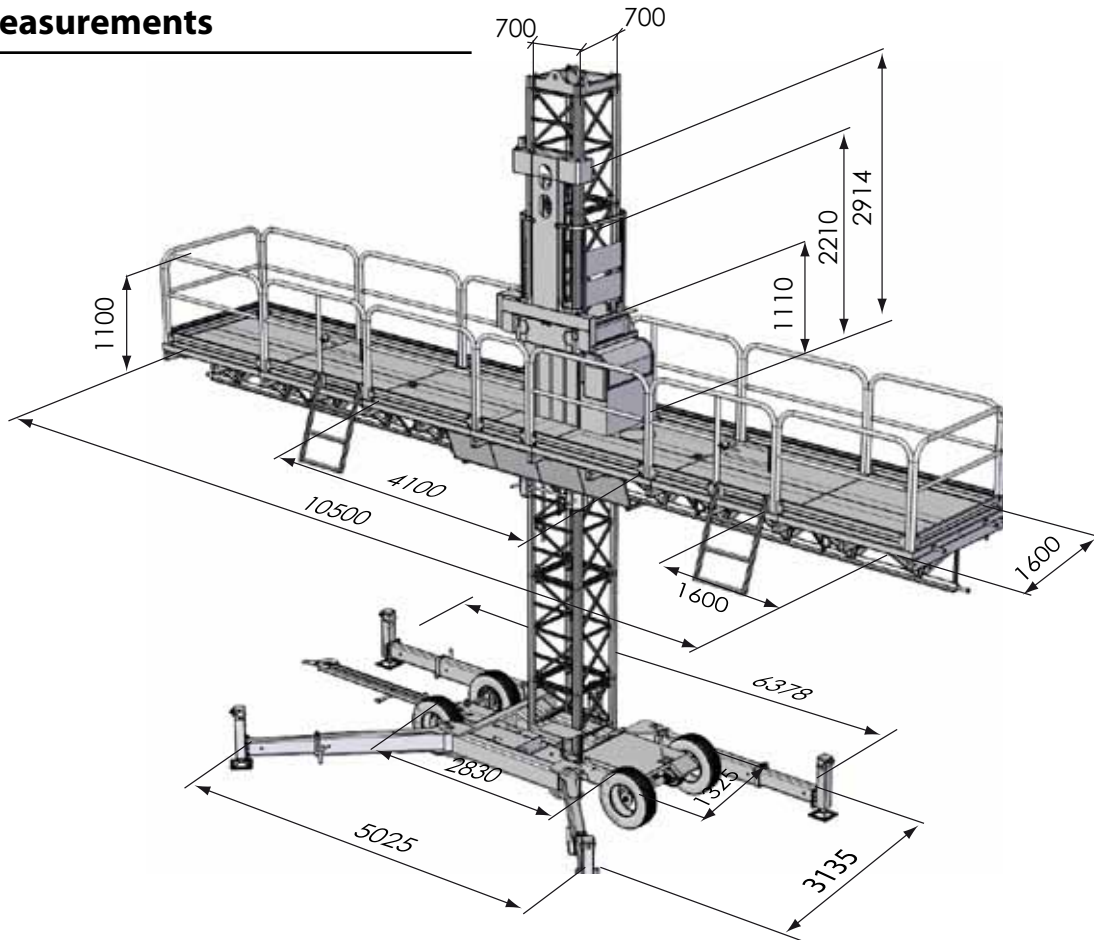
Max starting current	100 A
Control voltage	48 VAC
Socket for hand tools	230 V / 16 A

1.2.6 Basic Unit

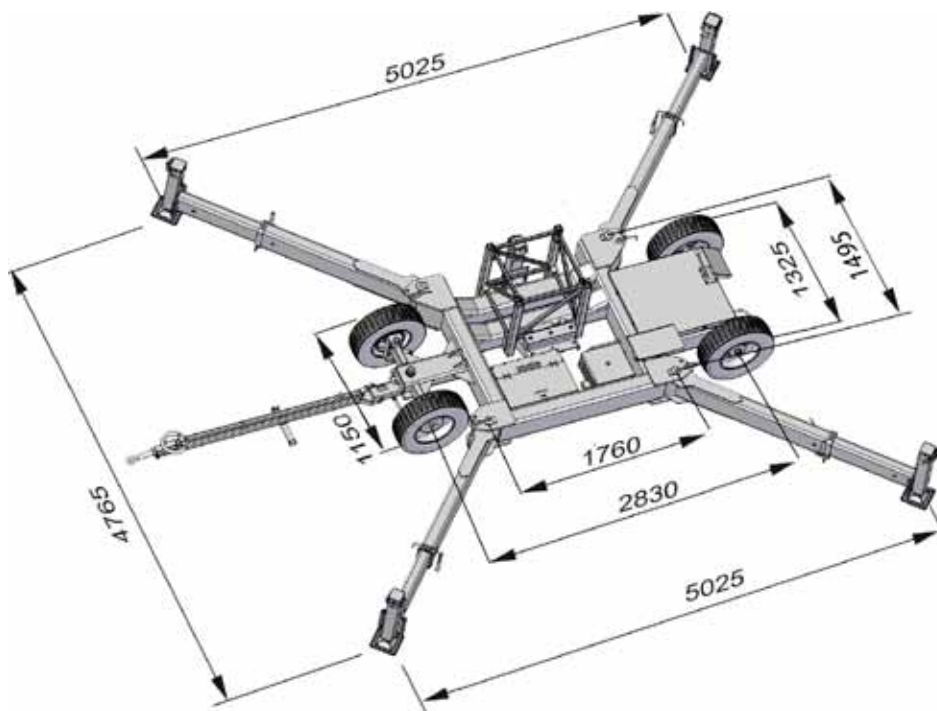


Picture 1.2.6.1 SC8000 on wheel chassis, main components

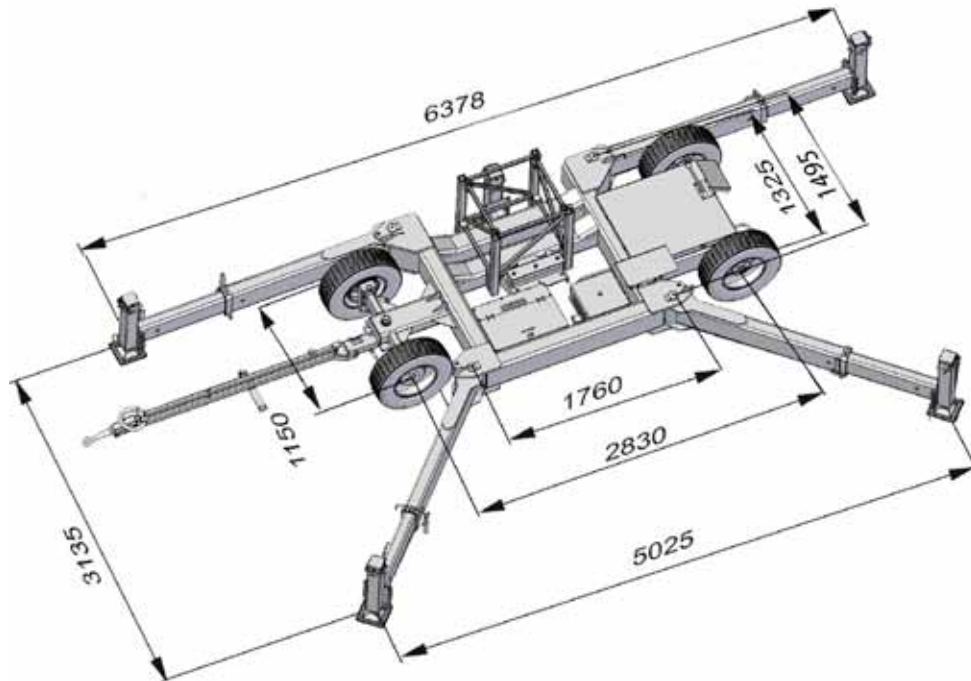
1.2.7 Measurements



Picture 1.2.7.1 SC8000, 10,5 m platform



Picture 1.2.7.2 SC8000 wheel chassis, X position



Picture 1.2.7.3 SC8000 wheel chassis, K position

1.2.8 Optional equipment

Options can be found from a SC8000 Sales Component Catalogue. Please contact your dealer.

Examples of options:

- Twin mast syncro drive system
- Telescopic extension 1,8 m
- Telescopic extension 2,5 m
- Telescopic extension 2,6 - 6,0 m
- Side platform adapter
- Snake platform
- Bricklayer's extension
- Lifting arm on top of the mast
- Cable guide

1.3 Warranty terms

The seller warrants new **SCANCLIMBER** mast climbing work platform is supplied free from defects in material and workmanship.

The warranty is valid for six (6) months from the date of delivery.

The warranty of the equipment and parts manufactured by subcontractors is limited to the warranty of their respective manufactures.

The warranty does not cover:

1. damage or loss caused by transportation
2. damage or loss caused by misconduct, misapplication or accident
3. damage or loss caused by negligence of instructions, service, maintenance or storage
4. normal deterioration of the equipment and damage resulting from wearing parts: and, aterial like rubber tyres, electrical equipment etc.
5. damage or loss caused by maintenance or repairs performed by a non-authorized service personnel
6. damage or loss caused by purchaser's acts or omissions causing alternations to the quality or structure of mast climber
7. any such indirect damage or loss as loss of profit and downtime cost etc.

No claim will be accepted if non-original parts, not approved by the seller, have been used.

Warranty claims should be done in writing describing the damage as completely as possible and sent to the address below within fourteen (14) days from the date of disclosure of the damage.

Address: SCANCLIMBER OY
Turkkirata 26
FI-33960 PIRKKALA, FINLAND

The warranty liability is limited, at the sellers discretion to

1. replacing the damaged part or
2. repairing the damaged part by the seller or by a subcontractor or
3. granting a price reduction

The warranty of replaced or repaired part expires at the expiration time of the warranty of the mast climber.

The purchaser is obliged to send the damaged part to the seller for inspection by a request. Replaced or refunded parts become the property of the seller.