

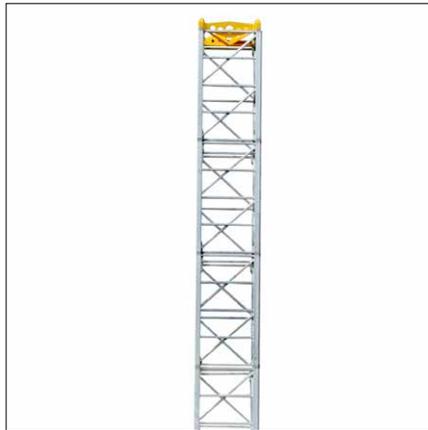
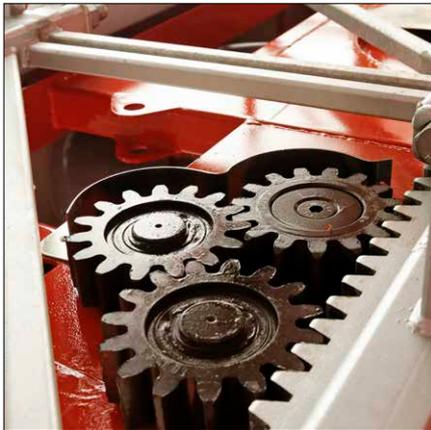


Mast climbing work platform

Maxus SC5000

Technical data

The Maxus SC5000 is a mid-heavyweight lifting machine and a modular mast climbing work platform. It is available as a single and twin mast arrangement. The maximum platform length of a single mast unit is 16.9 m and 40.6 m as a twin mast. The maximum loading capacity of a single mast Maxus is 2700 kg and of a twin mast 5000 kg.



SCANCLIMBER®

Maxus SC5000

Platform	Single mast	Twin mast
Length, min-max	4.1-16.9 m	12.6-40.6 m
Width	1.6 m	1.6 m
Payload / length	2700 kg / 4.1 m 2300 kg / 7.3 m 1900 kg / 10.5 m 1500 kg / 13.7 m 1000 kg / 16.9 m	5000 kg / 12.6 m 4000 kg / 20.6 m 3000 kg / 28.6 m 2200 kg / 35.0 m 1500 kg / 40.6 m
Speed	7 / 12 m / min	7 / 12 m / min
Loading height	1.55 m	1.55 m
Lifting frame	1500 kg	1500 kg x 2
Platform section 1.6 m	132 kg	132 kg
Platform section 0.8 m	74 kg	74 kg



Chassis	Wheel chassis	Mini chassis
Weight	1890 kg	434 kg
Transport dimensions	5130 x 1740 mm	1791 x 1591 mm
Chassis dimensions, outriggers in X position	5025 x 4765 mm	-
Chassis dimensions, outriggers in K position	6378 x 3135 mm	-
Speed	13 m / min	-



Safety equipment



Safety brake

- Mechanical safety brake
- Emergency lowering system
- Safety railings 1.1 m with kick boards
- Top and bottom limit switches
- Top and bottom safety limit switches
- Spring-loaded disk brakes in lifting motors
- Inductive mast detector
- Residual current device



Emergency lowering system

Mast



Mast section

Height of the mast section	1.25 m (0.63 m as option)
Length x width	700 x 700 mm
Weight	82 kg (1.25 m)
Material	Steel
Surface treatment	Hot-dip galvanising
Structure	Square mast
Maximum distance between anchors	18 m
Maximum freestanding height (depends on the platform length)	20 m with a single mast 20 m with a twin mast

Electric system

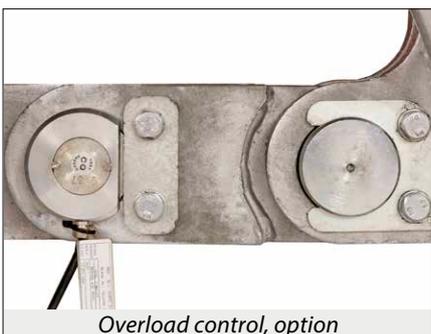


Control box

Lifting motors	2 x 3.0 / 5.5 kW
Supply voltage	400 V / 50 Hz
Power supply fuses	3 x 32 A
Power consumption	70 / 110 kVA
Maximum starting current	110 / 180 A
Control voltage	48 VAC
Socket for hand tools	2 x 230 V / 16 A



Remote control



Overload control, option



Power inlet

