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Mast climbing work platform **Taurus SC6000**

Taurus SC6000 is the mid-heavy weight workhorse of Scanclimber's mast climbing work platforms. It is the perfect tool for any facade work that requires high capacity, whether for new construction or restoration. With a load capacity of up to 12300 lbs, and a lifting speed of 20 ft per minute, it is perfect for masonry (brick or block), stone or marble facade work from 0 to 980 ft in height.



SCANCLIMBER®

Taurus SC6000

Versatile Work Platform

RACK AND PINION DRIVEN SC6000 mast climbing work platform is a mid-heavyweight lifting machine and a working platform – all in one package. It is well-suited for any facade work that requires high capacity, whether for new construction or restoration. It is Scanclimber's entry product for heavy-duty facade work, and for projects requiring extra-large platform size.

SC6000'S 5'3" WIDE PLATFORM provides enough space for workers to perform their job in comfort. Starting from 13'4" the single mast Taurus can be increased to 55'5" in length. And with two masts the platform length can be extended up to 146'4". It is possible to use this twin as two separate machines if needed.

Technological Excellence

BUILDING FACADES are becoming more and more diverse and constrained, which has been challenging mast climber manufacturers. Taurus' structure allows almost any angled set-ups, and there is a multitude of accessories available that allow the platform to be aligned with different architectural configurations and shapes of the work site. Taurus SC6000 is available with the Scanclimber Snake platform, which, as the name suggests, squirms to 'any' position.

High Speed Reduces Set Up Time

SCANCLIMBER TAURUS is not only fast to climb up the mast, but it is also faster to set up than most other mast climbers. The reason is the stability of the mast sections. The strong and stable mast allows a maximum anchoring distance of 60 ft - which is about double compared to respective rival products. All this contributes to greater labour efficiency and reduced set-up time, and of course to a safer work environment.

Flexibility with Options

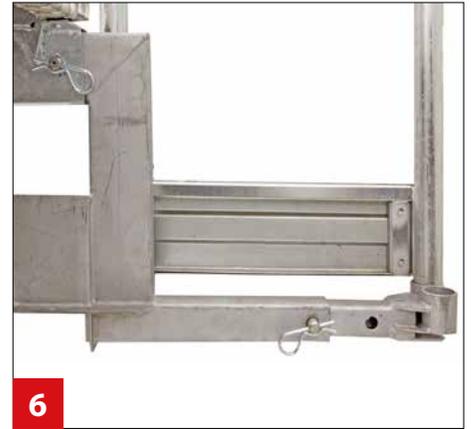
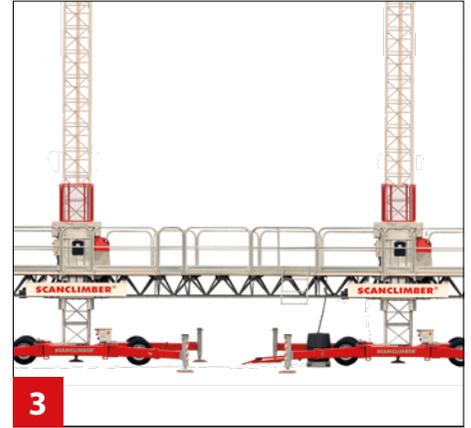
YOU CAN HAVE TAURUS with different useful options like: squirming Snake platform, Bricklayer's extensions, Lifting table LT500, Swinging lifting arm, Glide frame (monorail), mast assembly crane arm and many others.

SQUIRMING SNAKE is the platform which can take almost any shape. The Bricklayer's extension is a 'lowered platform' in front of the platform. Lifting table helps you to load material to the platform. Swinging lifting arm helps to move heavy goods and materials on the platform while up. Glide frame is a monorail, which helps you to move goods horizontally on the platform. Very helpful for example in window installation projects. The mast assembly crane makes mast installation easier.

Long Lifetime – More Profit

Scanclimber has long-lasting quality built in to its mast climbing work platforms. It is in structures, raw materials, automated manufacturing processes and finishing. For example the mast sections are precision welded from high grade steel by robots and when ready they are finished with hot-dip galvanization.





Details

Safety brake

1 A MECHANICAL, centrifugal safety brake is a standard feature on all Scanclimber mast climbing work platforms. It improves user safety, increases operational reliability and reduces the risk of breakdown. The safety brake is protected from dust and dirt.

Anchor

2 A ROBUST PLATFORM requires sturdy anchoring. The SC6000's mast is mounted on a vertical surface with Maxi anchors, which are considerably stronger and sturdier compared to traditional anchors. An extra-strong anchor allows an anchoring distance of up to 60 ft, which speeds up the mast erection and yields savings.

Twin masts

3 A TWIN MAST ARRANGEMENT makes the SC6000 even more robust and allows the platform length to be nearly tripled from 55'5" to 146'4". Also the maximum loading capacity can be almost doubled, if necessary, from 7200 lbs to 12300 lbs.

Chassis

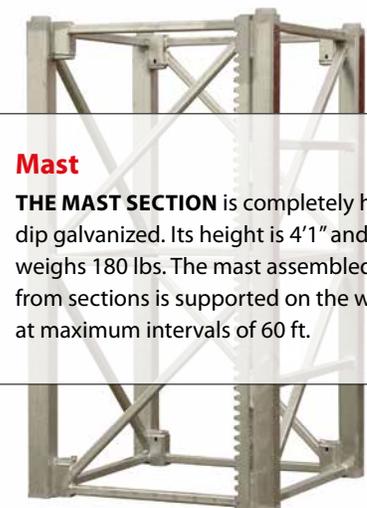
4 THE SC6000 is available with a wheel chassis or mini-chassis. An SC6000 on a wheel chassis can be moved around a work site with its own electric motor, or it can also be towed using a towing bar. The wheel chassis has swivelling telescopic outriggers that can be adjusted in several positions to support the mast climbing work platform. The outriggers allow the machine standing on the wheel chassis to be erected without anchoring. With optimal outrigger positions the largest free-standing heights are: 62 ft with a single arrangement and 59 ft with a twin mast.

Extensions

5 WITH ADJUSTABLE extensions the platform width can be steplessly extended up to 20 ft. The extensions are available in four sizes: 8'6"–19'8", 0–8'2", 0–5'10", and a bricklayer's extension. With these extensions you can also work behind or around different corners.

Bricklayer's extension

6 WORKING ERGONOMICS can be increased with the bricklayer's extension. It provides an adjustable 1'10"–2'9" wide working deck 2'4" below the platform level. The deck is mounted in front of the platform so it also gives extra space.



Mast

THE MAST SECTION is completely hot-dip galvanized. Its height is 4'1" and it weighs 180 lbs. The mast assembled from sections is supported on the wall at maximum intervals of 60 ft.

Technical Data



	Single mast SC6000	Twin mast SC6000
Maximum platform length / loading capacity	13'4" / 7200 lbs 23'10" / 6380 lbs 34'4" / 5940 lbs 44'11" / 4620 lbs 55'5" / 3080 lbs	44' / 12300 lbs 78'1" / 10450 lbs 88'7" / 9030 lbs 120'1" / 4840 lbs 146'4" / 2640 lbs
Maximum freestanding height		
- with extended outriggers on both sides	30'-62"*	30'-59"*
- with extended outriggers on one side	30'-50"*	30'-50"*
Maximum height with top anchor	82'	82'
Maximum height with mast anchored	330' (higher mast by request)	330' (higher mast by request)
Distance between anchors	60'	60'
Lifting speed	20' / min	20' / min
Mast section, hot-dip galvanized	4'1" / 180 lbs	4'1" / 180 lbs
Electric system		
- lifting motors	2x208 V/60 Hz/3 kW, 3 Phase/30 A	4x208 V/60 Hz/3 kW, 3 Phase/30 A
Safety devices		
- overspeed safety brake	◆	◆
- emergency stop and limit switches	◆	◆
- electromagnetic brake	◆	◆
- phase sequency relay	◆	◆
- residual current device	◆	◆

* depending on the platform length



Scanclimber is the world's technology leader in mast climbing equipment for installations. The company has its corporate head office in Pirkkala, Finland, and manufacturing in Gniezno, Poland. The company employs more than 200 people worldwide. Scanclimber creates value for its customers with high quality, reliable and flexible vertical access solutions.

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