



SCANCLIMBER®

MAST CLIMBER
SC6000



SC6000

Mast Climber

The SC6000 mast climbing work platform is a middle heavy weight lifting machine and working platform - all in one package. It suits facade work that requires high capacity lifting and is appropriate for both new construction and restoration works. It is Scanclimber's entry product for heavy-duty facade work as well as for projects requiring extra-large platform size.

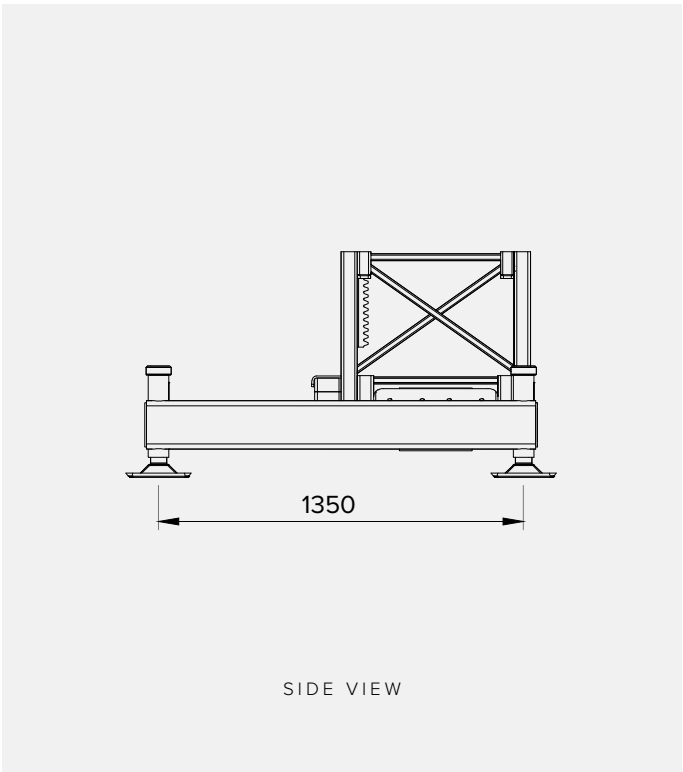
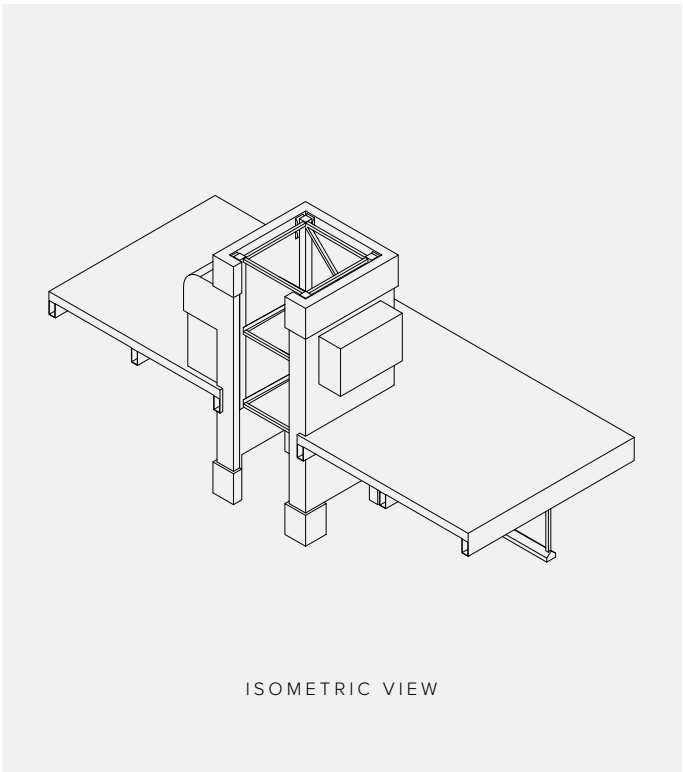
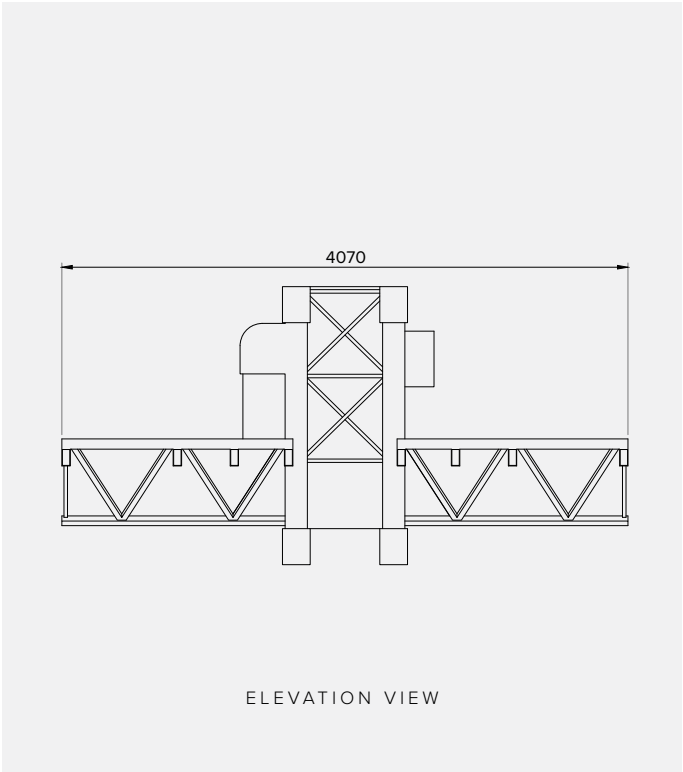
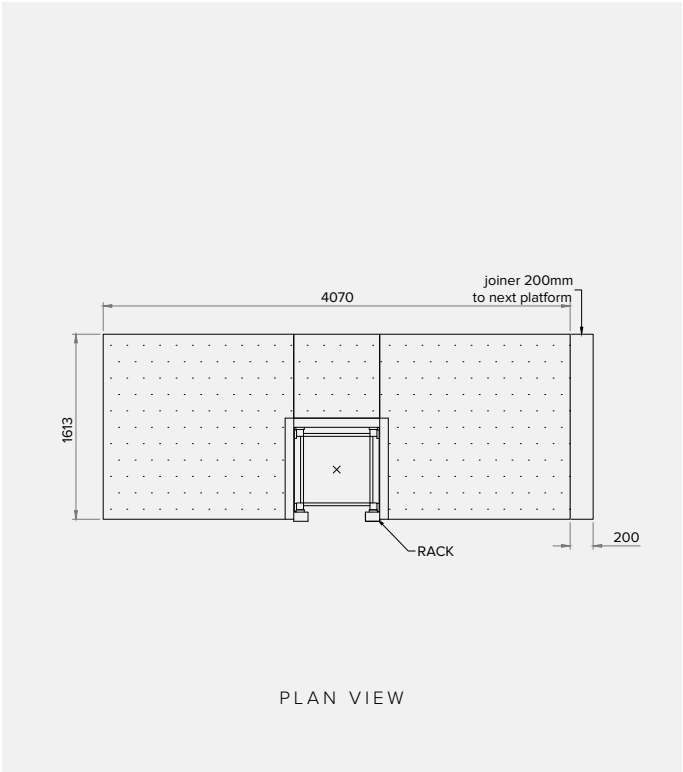
SC6000'S 1.6 m wide platform provides enough space for workers to perform their job in comfort. Starting from 4.1 metres, the single mast can raise up to 16.9 meters in length. With two masts, the platform length can be extended up to 44.6 meters. The SC6000 comes with the option of 1800mm high mesh handrails to offer extra safety to the workers on the platform and to those below.

The SC6000 comes with a wide range of additional options to enhance its performance and capabilities. These include additions from slide out platforms, to fixed profiling and a world first self-climbing glide rail monorail system. The SC6000 has a whole lot more to offer the market.



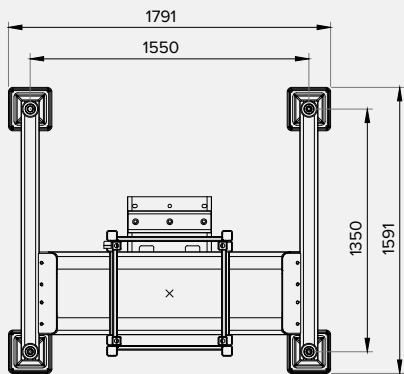
SC6000

Mast Climber
(Platform with lifting frame)

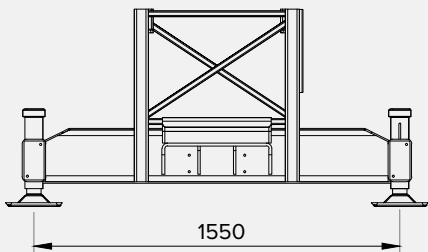


SC6000

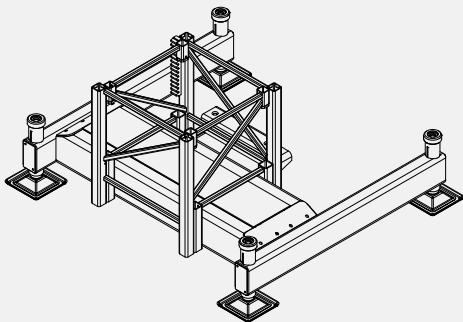
Mast Climber
(Mini Chassis)



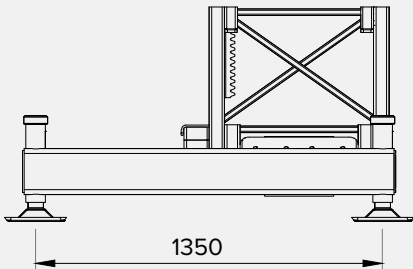
PLAN VIEW



ELEVATION VIEW



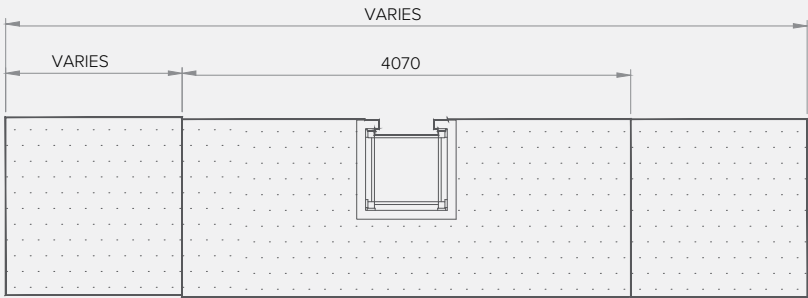
ISOMETRIC VIEW



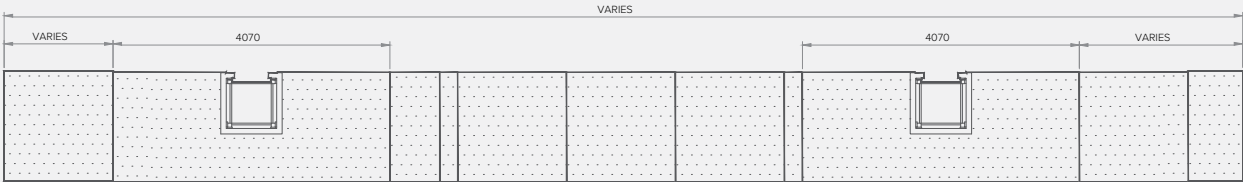
SIDE VIEW

SC6000

Mast Climber
(Single Mast & Twin Mast)



SINGLE MAST



TWIN MAST

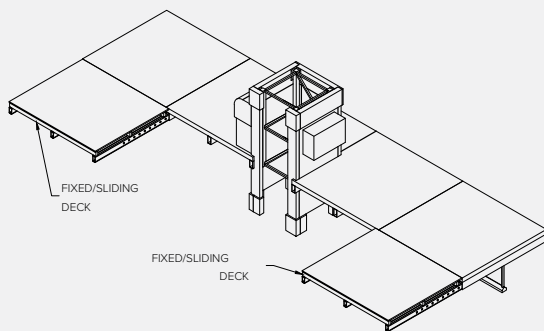
SC6000

Mast Climber

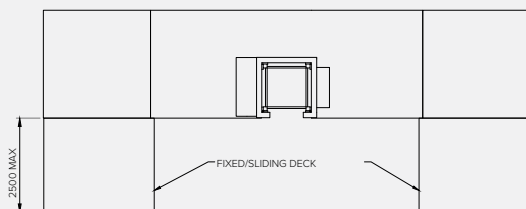
(Components)

FIXED DECK / PROFILING / SLIDING DECK

- Max loading: 2 persons + tools (240 kg) per 1.6 m platform section
- Can be either fixed/profiled or sliding
- Can be used in both single and twin mast climbers
- Max length: 2.5 m



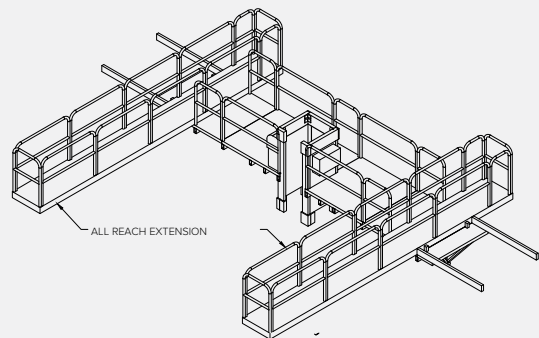
ISOMETRIC VIEW



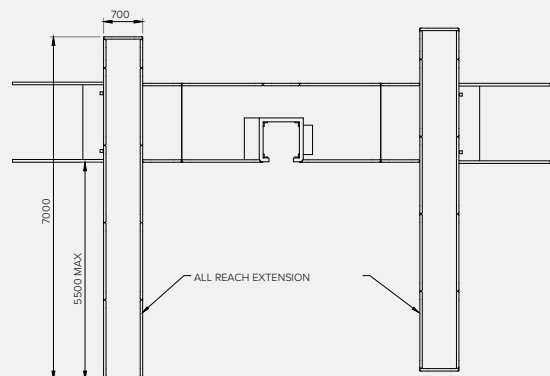
PLAN VIEW

ALL REACH EXTENSIONS

- Provides access to complex structures
- Max loading: 2 persons + tools (240 kg)
- Max slide out from main platform edge: 5.5 m
- Slew angle: $\pm 45^\circ$
- Can slide along main platform length
- 700 mm wide by 7 m long



ISOMETRIC VIEW



PLAN VIEW

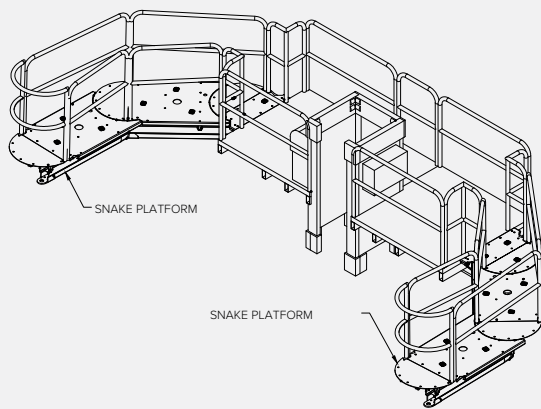
SC6000

Mast Climber

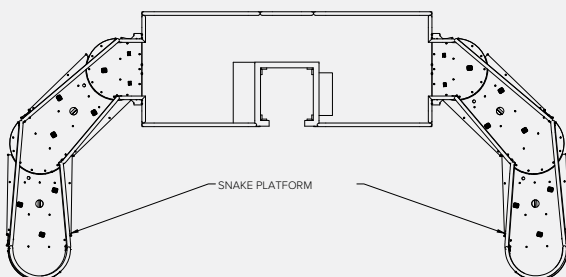
(Components)

SNAKE PLATFORM

- Suitable for working on round, curved, and cone-shaped surfaces
- Loading depends on platform configuration



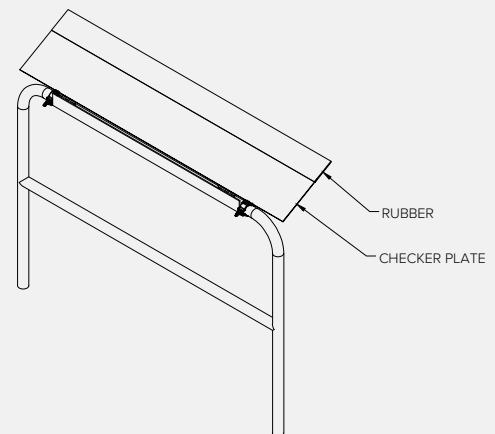
ISOMETRIC VIEW



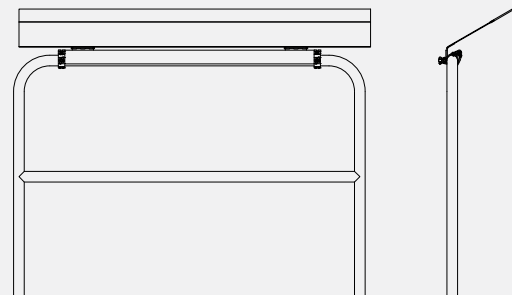
PLAN VIEW

DROP DOWN FLAP

- Prevents objects from falling off the platform
- Made of rubber material to protect the facade



ISOMETRIC VIEW



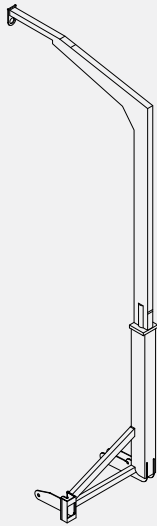
PLAN VIEW

SC6000

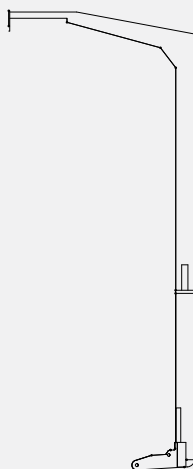
Mast Climber
(Components)

JIB CRANE / MAST ASSEMBLY CRANE ARM

- To assist in mast/platform assembly



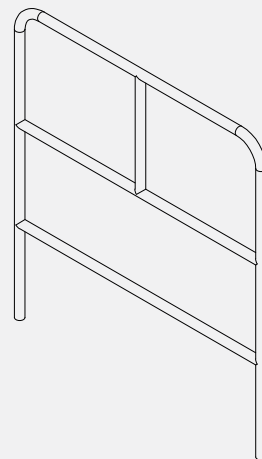
ISOMETRIC VIEW



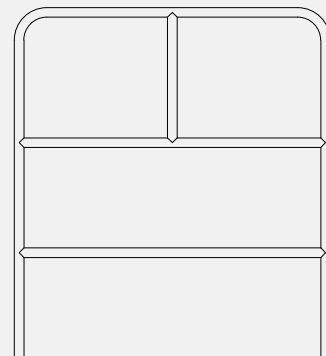
ELEVATION VIEW

1800MM HANDRAIL EXTENSION

- Extended handrail for the ends of the platform and the side opposite the building



ISOMETRIC VIEW



ELEVATION VIEW

SCANCLIMBER®

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

Technical Data SC6000

	SINGLE MAST	TWIN MAST
Platform length	4.1m - 16.9m	13.4m - 44.6m
Maximum height with mast anchored	100m (higher mast by request)	100m (higher mast by request)
Distance between anchors	18m	18m
Lifting speed	11.3m/min	11.3m/min
Mast selection, hot-dip galvanized	1.25m/82kg	1.25m/82kg
ELECTRIC SYSTEM		
Lifting motors	2x400V/50Hz/5.5kW, 3phase/32A	4x400V/50Hz/5.5kW, 3phase/32A
Drive motor	400V/1.1kW	2x400V/1.1kW
SAFETY DEVICES		
Overspeed safety brake	✓	✓
Emergency stop and limit switches	✓	✓
Electromagnetic brake	✓	✓
Phase sequence relay	✓	✓
Residual current device	✓	✓

*Data based on a standard configuration