



**SCANCLIMBER®**

MAST CLIMBER

**SC3500**

**SC6000**

**SC8000**



The background is a solid blue color with several abstract geometric shapes. There are several large, light blue triangles of varying sizes and orientations. Some of these triangles have darker blue outlines or borders. The shapes are arranged in a way that creates a sense of depth and movement, with some lines appearing to recede into the distance.

**SC3500**

## SC3500

### Mast Climber

The SC3500 mast climbing work platform is a middle weight lifting machine and working platform - all in one package. It is well suited to any building and restoration projects with limited operation spaces. Required lifting capacity varies between 1 to 4 tonnes.

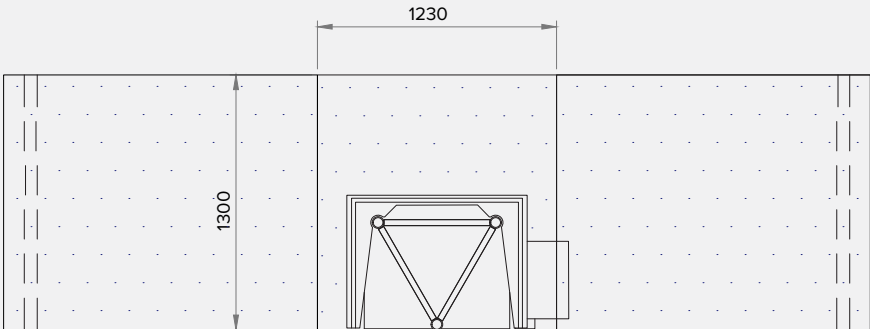
The 1.3 m wide platform provides enough space for workers to complete their job in comfort but still requires only little room on site. An electrically powered lifting mechanism drives the platform at a speed of 9.5 meters per minute with a push button control. The SC3500 also comes with the option of 1800mm high mesh handrails to offer extra safety to both workers on the platform and those below.

SC3500 combines low ownership and rental costs with versatility, reliability and safety. It is the ideal access solution for a wide variety of trades: glazing, EIFS, painting, roofing, caulking, restoration, inspection, cleaning, maintenance, etc. Compact and highly adaptable, the SC3500 offers platform extensions to achieve a range of configurations which can accommodate various facades.

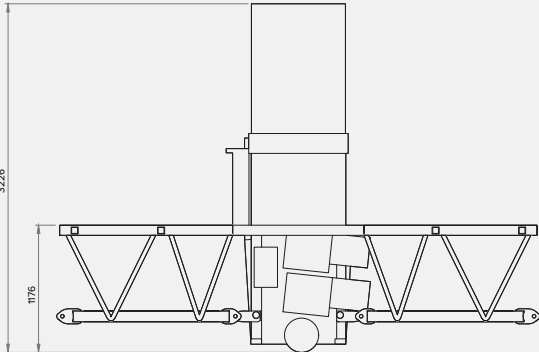


SC3500

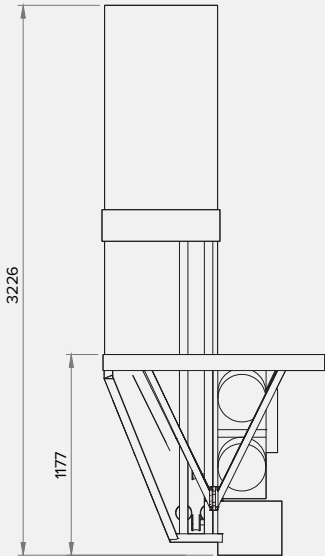
Platform with Lifting Frame



PLAN VIEW



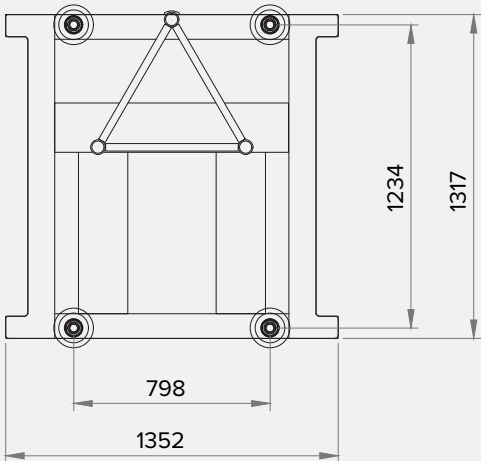
ELEVATION VIEW



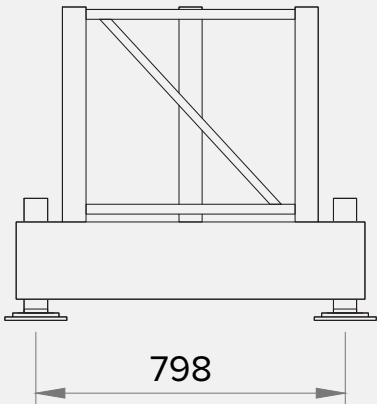
SIDE VIEW

SC3500

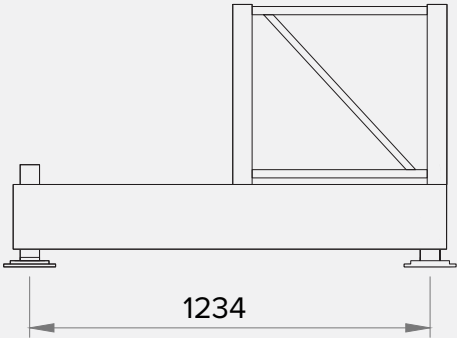
Chassis Without Outriggers



PLAN VIEW

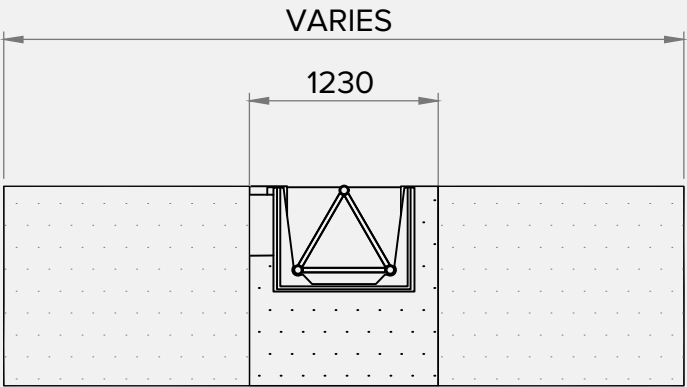


ELEVATION VIEW

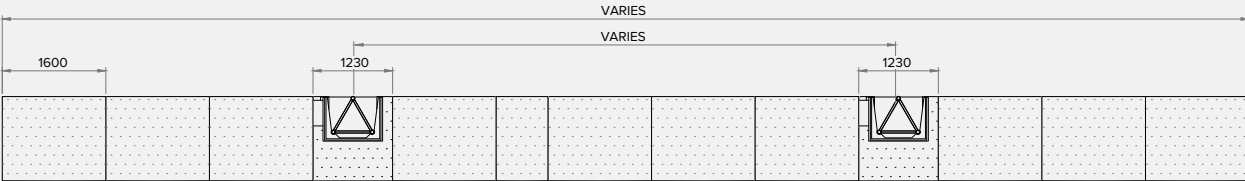


SIDE VIEW

SC3500



SINGLE MAST



TWIN MAST

## Technical Data

### SC3500

	SINGLE MAST	TWIN MAST
Maximum platform length	12.43m	41.73m
Lowest transport height	1.55m	1.55m
<b>PLATFORM SECTIONS</b>		
- 1.60m	110kg	110kg
- 0.80m	70kg	70kg
<b>MAST SECTION</b>		
- length	1.50m	1.50m
- weight	67kg	67kg
<b>ELECTRIC SYSTEM</b>		
- power lifting machinery	2x2.5kW	4x2.5kW
- supply voltage/frequency	400/50V/Hz	2x400/50V/Hz
- control voltage	48VAC	2x48VAC
- maximum starting current	60A	120A
- maximum power consumption	8kVa	16kVa
- power supply fuses	3x16A	3x16A + 3x16A
<b>SAFETY DEVICES</b>		
- mechanical safety brake	✓	✓
- manual emergency lowering system	✓	✓
- 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 brakes, torque 40Nm	✓	✓
- inductive mast sensor	✓	✓
- residual current device	✓	✓
- safety railing (height 1.10m) and toeboards	✓	✓
- automatic platform level control system on twin mast version	✓	✓

The background is a solid blue color with several overlapping geometric shapes. There are large, light blue triangles pointing in various directions. A prominent triangle points towards the bottom right, with its vertex near the center. Another triangle points towards the top left. There are also several parallel diagonal lines in a slightly darker shade of blue, creating a sense of depth and movement. The overall composition is modern and minimalist.

**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.

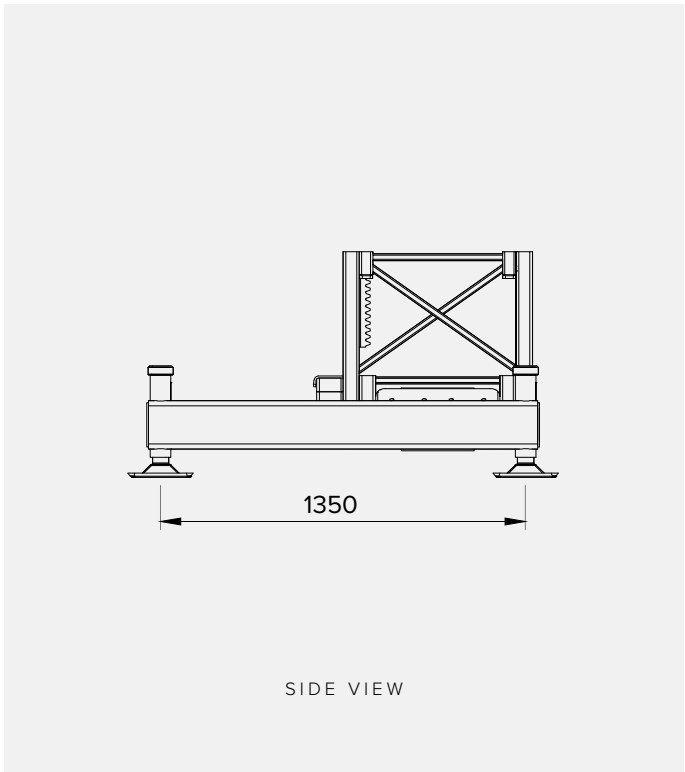
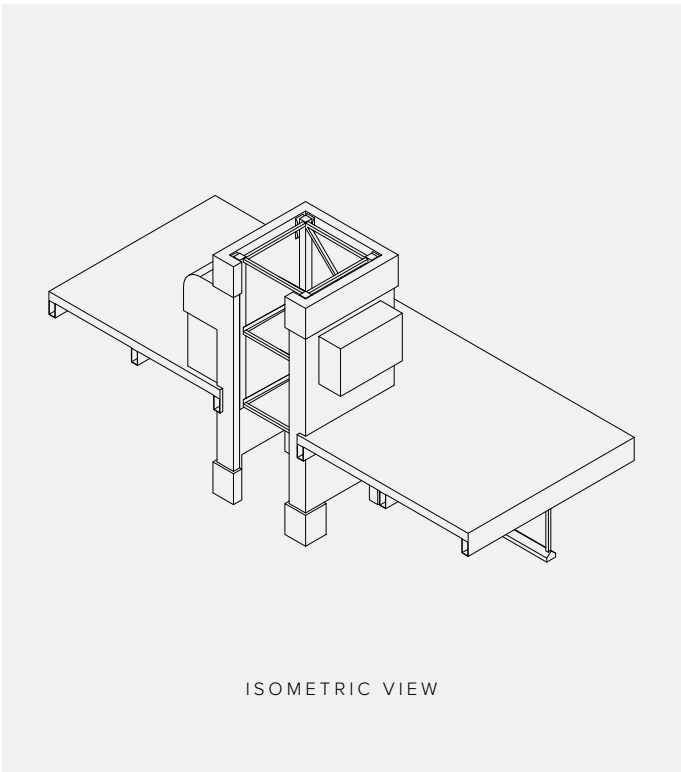
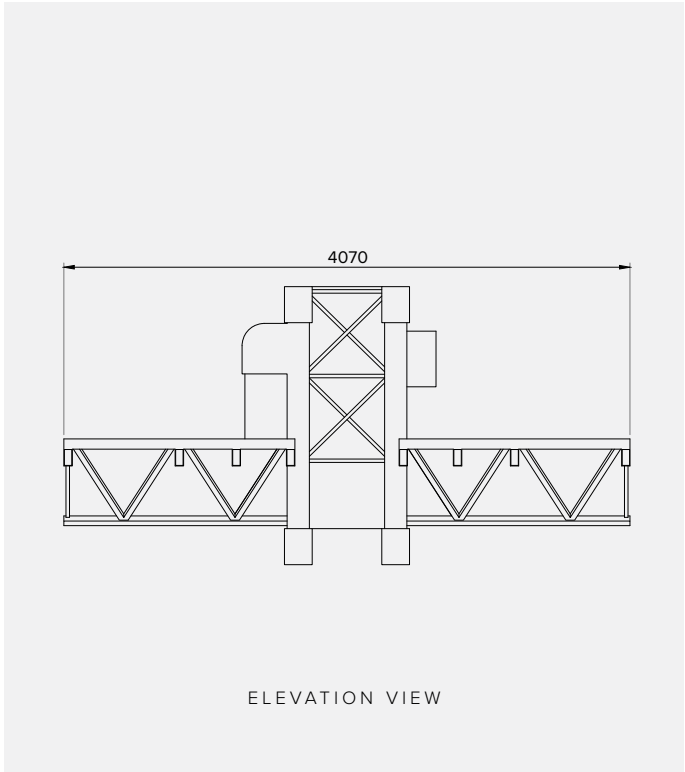
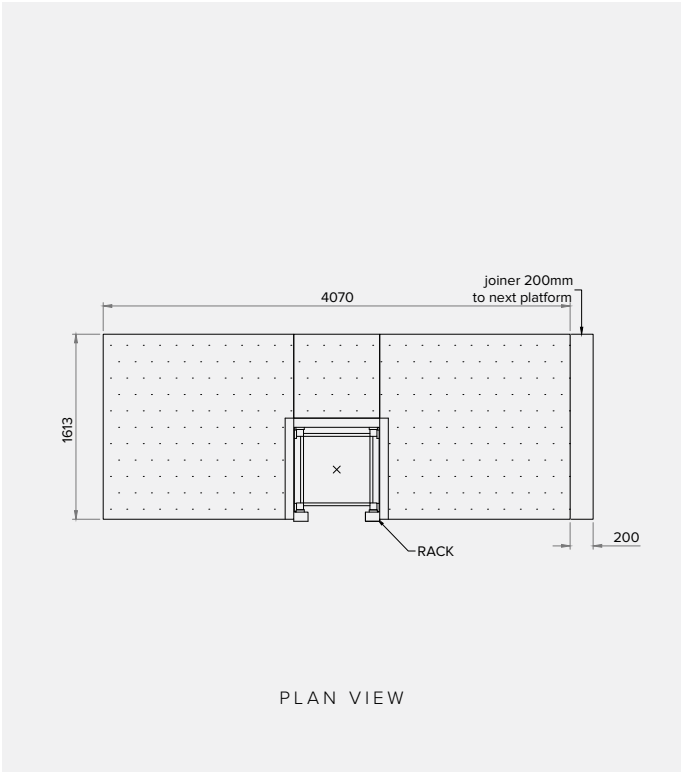
SC6000'S 1.6 m wide platform provides enough space for workers to perform their job in comfort. Starting from 4.1 metres, the single mast can raise up to 16.9 meters in length. With two masts, the platform length can be extended up to 44.6 meters. The SC6000 comes with the option of 1800mm high mesh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

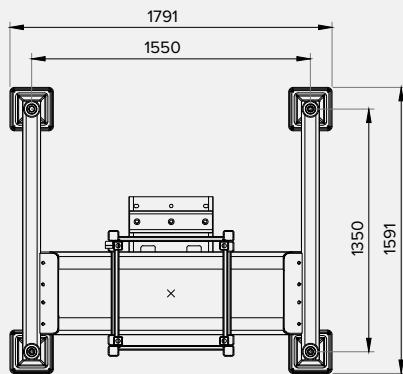
Mast Climber  
(Platform with lifting frame)



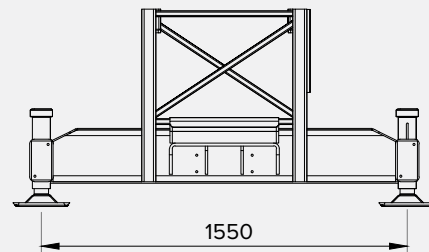
# SC6000

Mast Climber

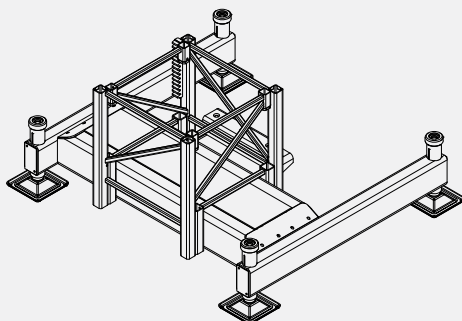
(Mini Chassis)



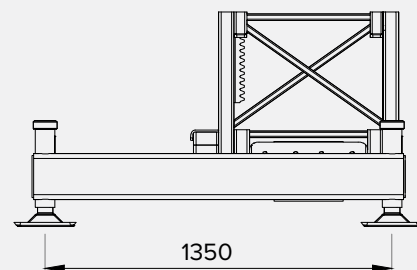
PLAN VIEW



ELEVATION VIEW



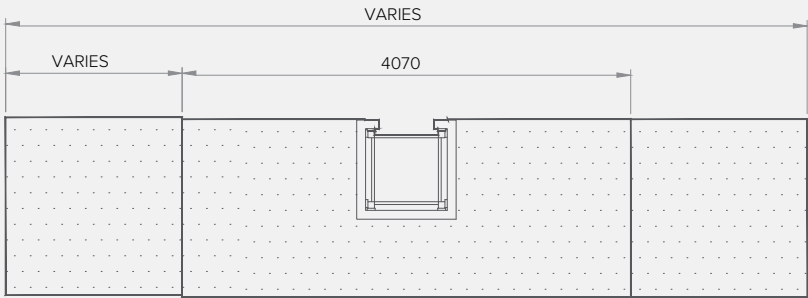
ISOMETRIC VIEW



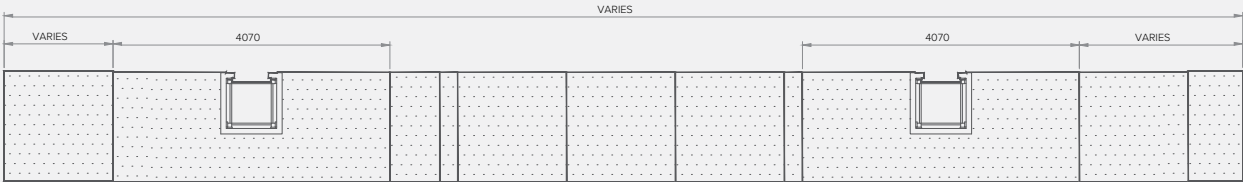
SIDE VIEW

SC6000

Mast Climber  
(Single Mast & Twin Mast)



SINGLE MAST



TWIN MAST

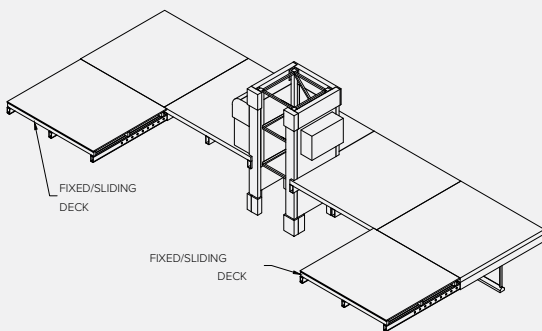
# SC6000

## Mast Climber

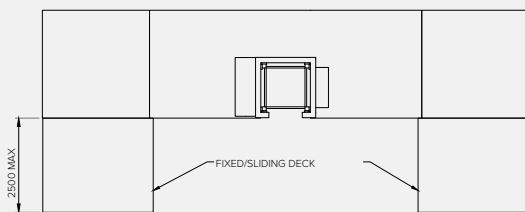
### (Components)

#### 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



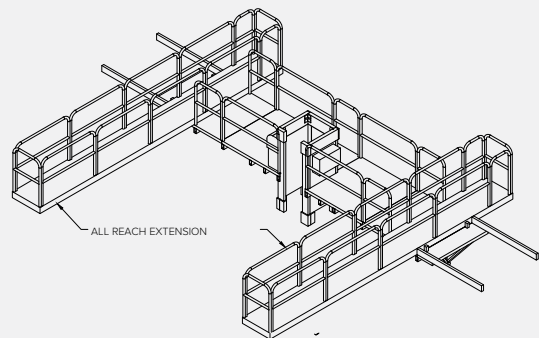
ISOMETRIC VIEW



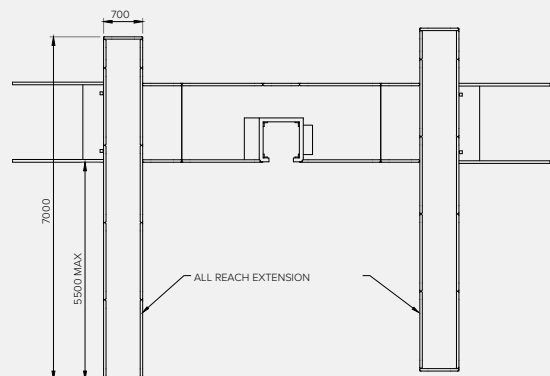
PLAN VIEW

#### 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

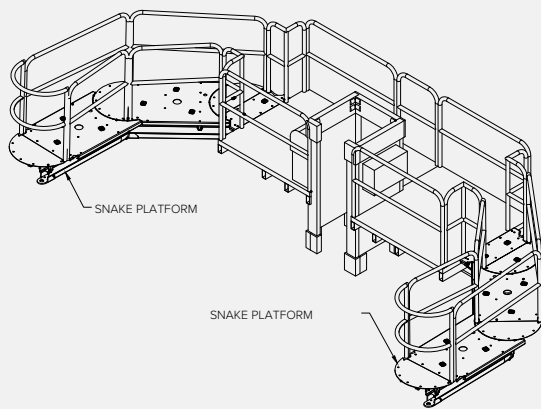
# SC6000

## Mast Climber

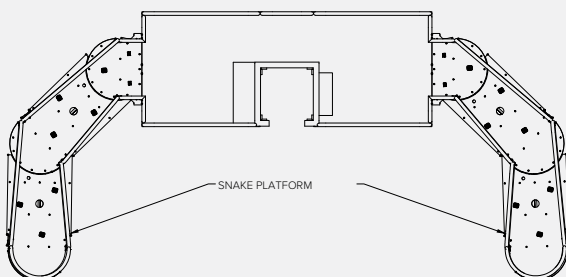
(Components)

### SNAKE PLATFORM

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



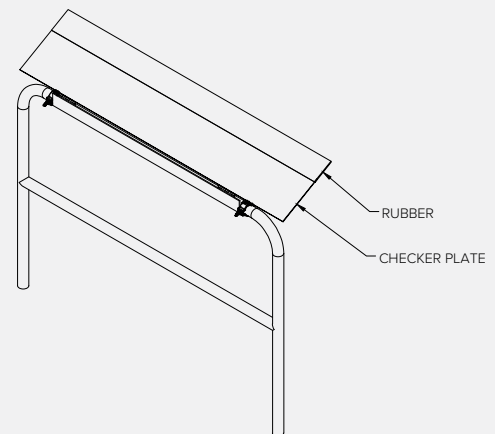
ISOMETRIC VIEW



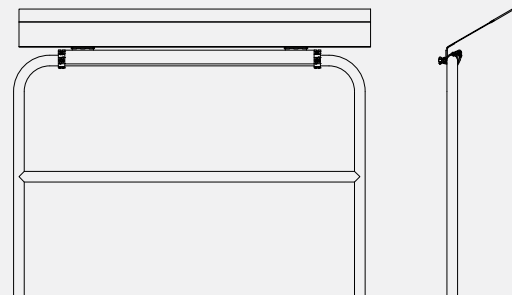
PLAN VIEW

### DROP DOWN FLAP

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



ISOMETRIC VIEW



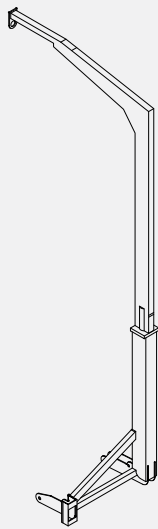
PLAN VIEW

# SC6000

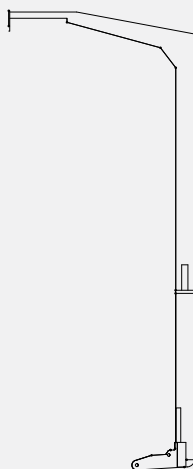
Mast Climber  
(Components)

## JIB CRANE / MAST ASSEMBLY CRANE ARM

- To assist in mast/platform assembly



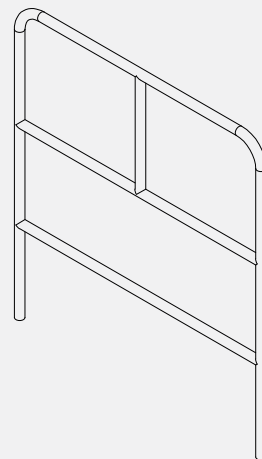
ISOMETRIC VIEW



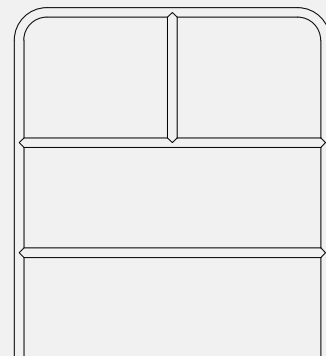
ELEVATION VIEW

## 1800MM HANDRAIL EXTENSION

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



ISOMETRIC VIEW



ELEVATION VIEW

## Technical Data

### SC6000

	<b>SINGLE MAST</b>	<b>TWIN MAST</b>
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

<b>ELECTRIC SYSTEM</b>		
Lifting motors	2x400V/50Hz/5.5kW, 3phase/32A	4x400V/50Hz/5.5kW, 3phase/32A
Drive motor	400V/1.1kW	2x400V/1.1kW

<b>SAFETY DEVICES</b>		
Overspeed safety brake	✓	✓
Emergency stop and limit switches	✓	✓
Electromagnetic brake	✓	✓
Phase squency relay	✓	✓
Residul current device	✓	✓





**SC8000**

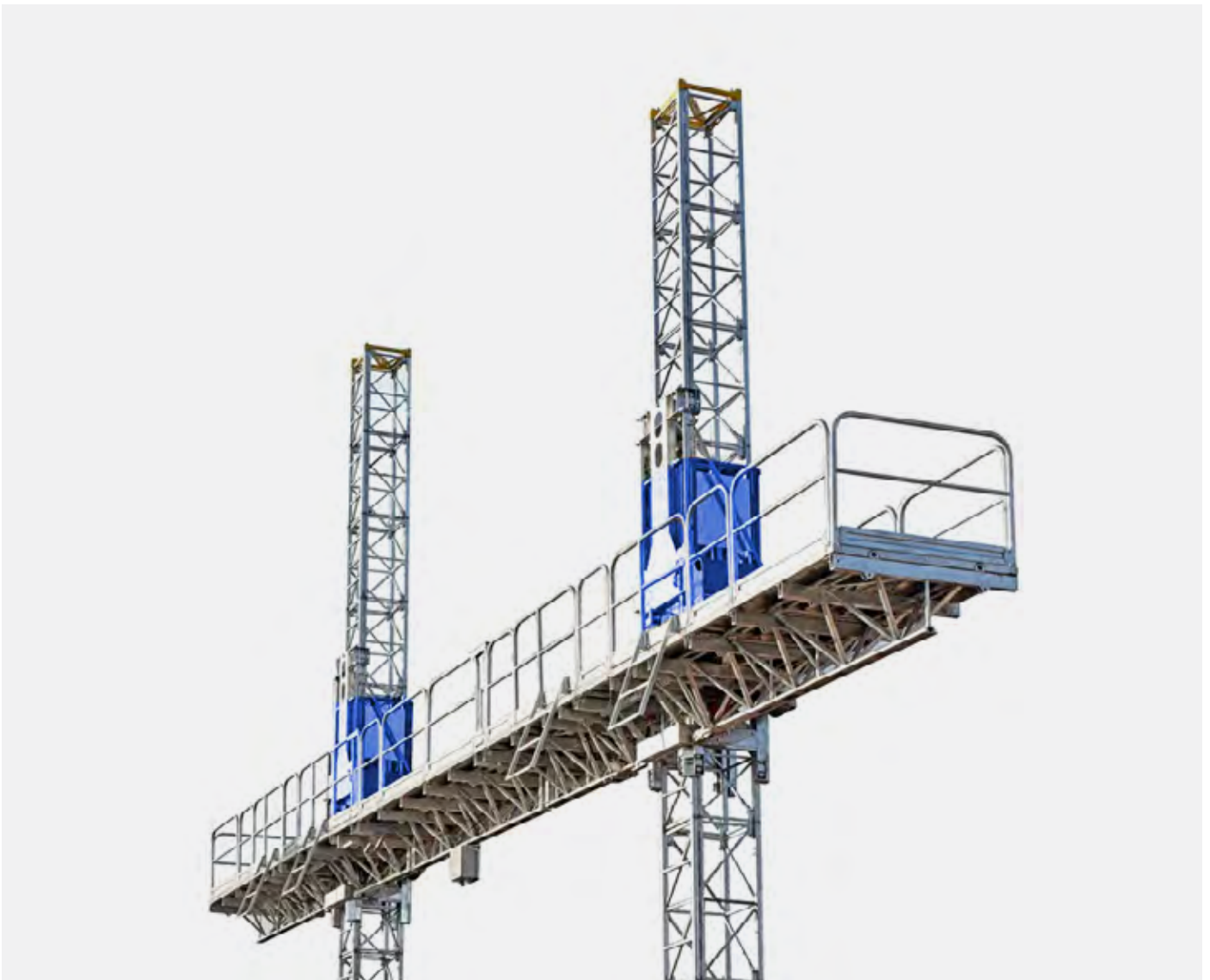
# SC8000

## Mast Climber

The SC8000 mast climbing work platform is a robust lifting machine as well as a working platform - in one convenient package. You can lift materials and workers to the desired working height safely and conveniently at the same time. It is ideal for heavy-duty facade work, and for projects requiring extra-large platform size. A mast climbing work platform of this magnitude saves time and money on work sites.

The loading capacity is 4500 kg for a single mast SC8000 and 8000 kg for a twin mast arrangement. With a full 17-meter platform, a single mast machine is equipped to lift 2800 kg. Using a twin mast arrangement, the platform can be extended up to 46 meters, with a lifting capacity of 1000 kg. When anchored with standard parts at constant intervals the mast can reach up to a height of 300 meters. Special anchoring allows even greater heights with no limits. The SC8000 comes with the option of 1800mm high mesh handrails to offer extra safety to the workers on the platform and to those below.

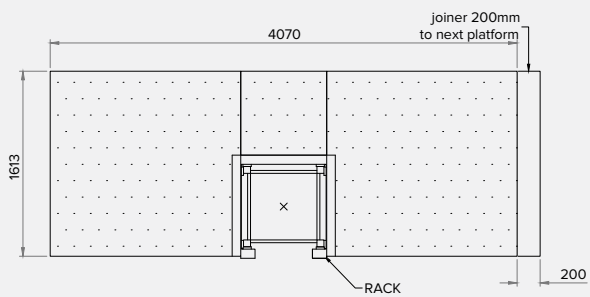
The SC8000 can be used as a single or a twin mast arrangement. SC8000 moves workers, tools and building materials to the desired height with a single lift. From slide out platforms, to fixed profiling and a world first self-climbing glide rail monorail system. The SC8000 is leading the way in the heavy-duty mast climber market.



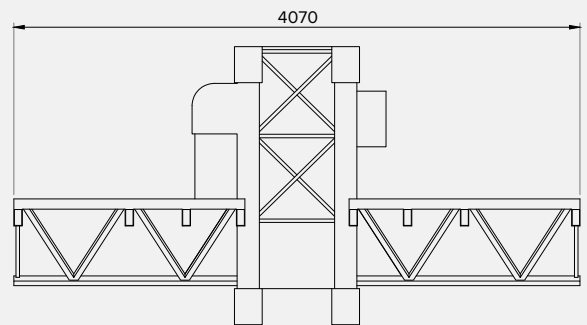
## SC8000

Mast Climber

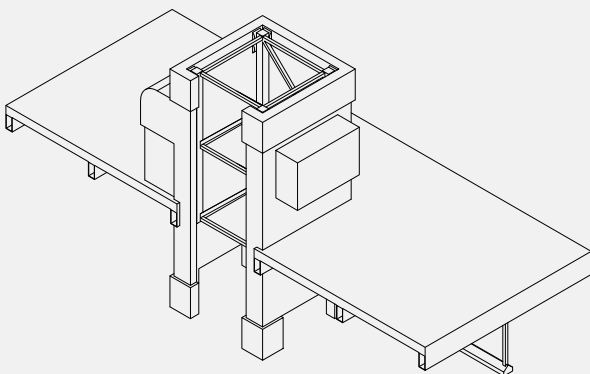
(Platform with lifting frame)



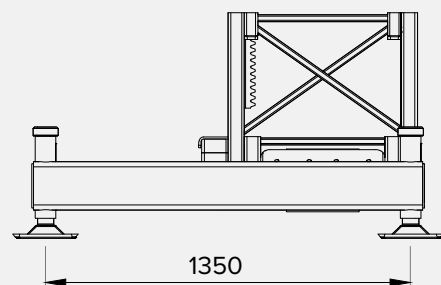
PLAN VIEW



ELEVATION VIEW



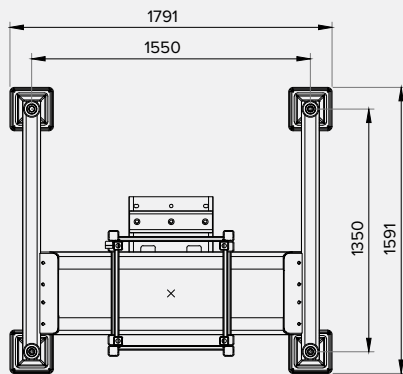
ISOMETRIC VIEW



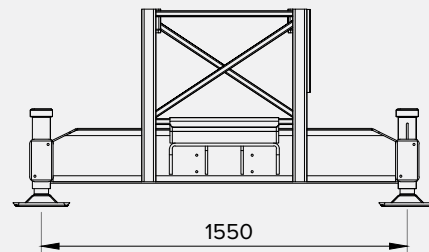
SIDE VIEW

# SC8000

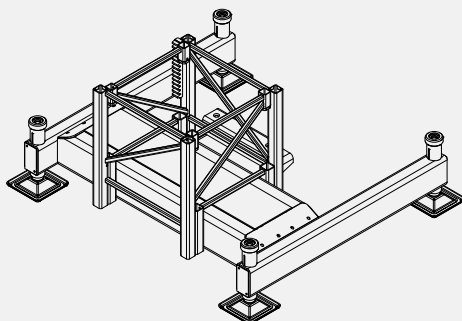
Mast Climber  
(Mini Chassis)



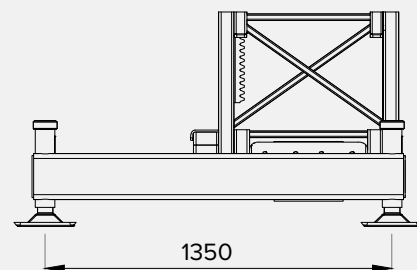
PLAN VIEW



ELEVATION VIEW



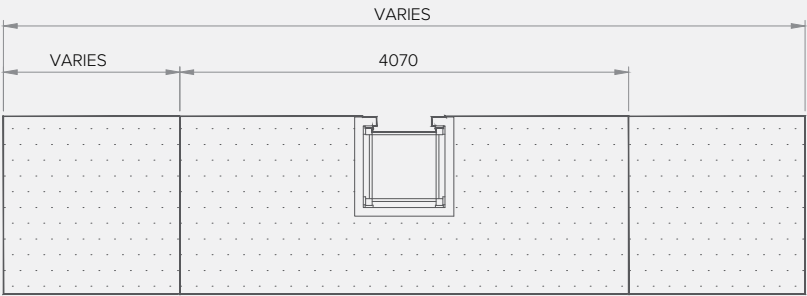
ISOMETRIC VIEW



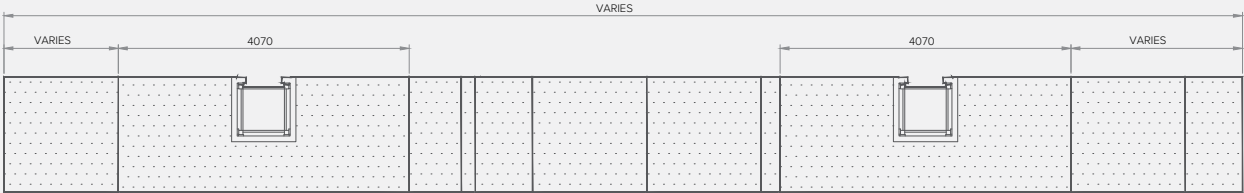
SIDE VIEW

SC8000

Mast Climber  
(Single Mast & Twin Mast)



SINGLE MAST



TWIN MAST

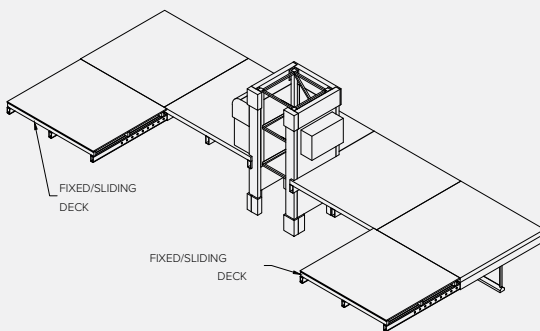
# SC8000

## Mast Climber

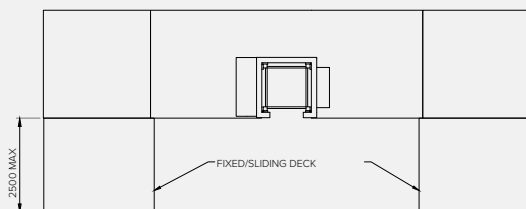
### (Components)

#### 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



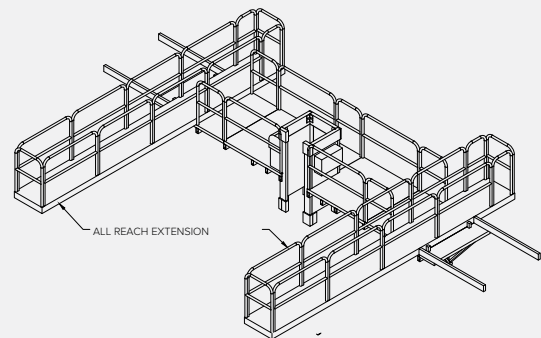
ISOMETRIC VIEW



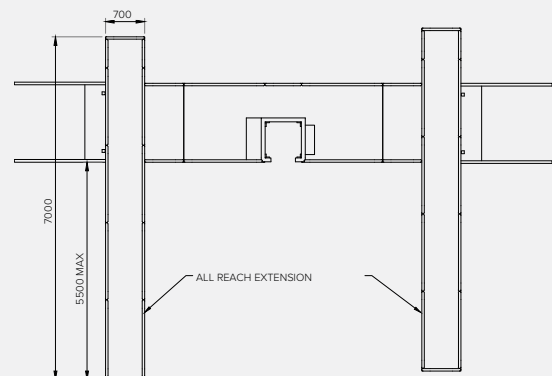
PLAN VIEW

#### 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

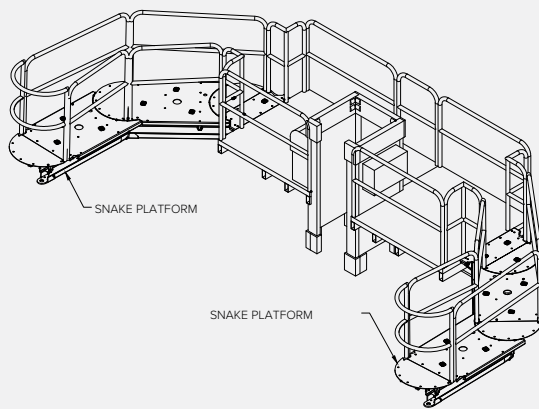
# SC8000

## Mast Climber

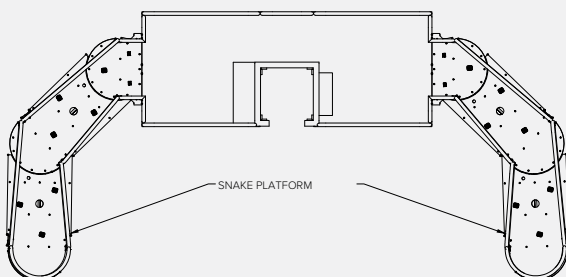
(Components)

### SNAKE PLATFORM

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



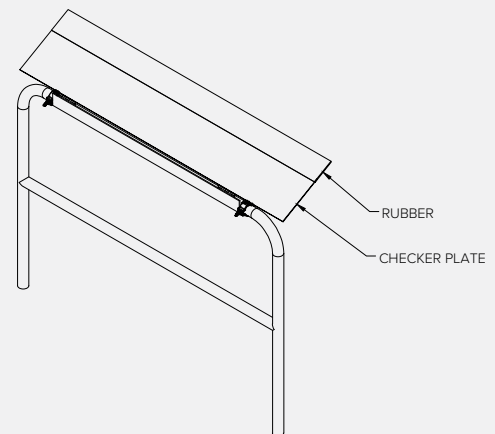
ISOMETRIC VIEW



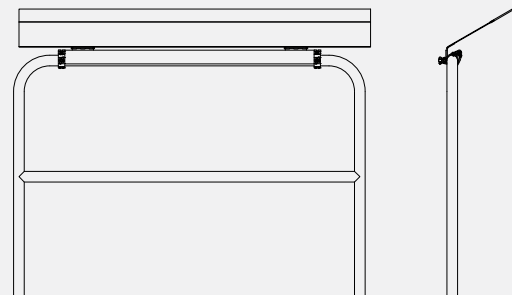
PLAN VIEW

### DROP DOWN FLAP

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



ISOMETRIC VIEW



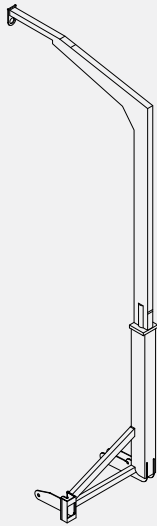
PLAN VIEW

# SC8000

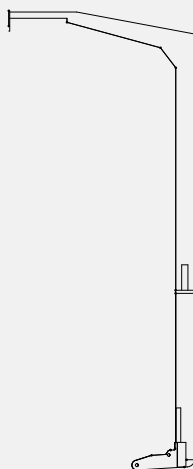
Mast Climber  
(Components)

## JIB CRANE / MAST ASSEMBLY CRANE ARM

- To assist in mast/platform assembly



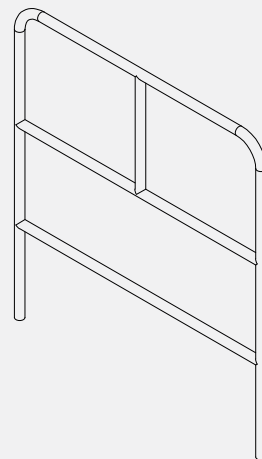
ISOMETRIC VIEW



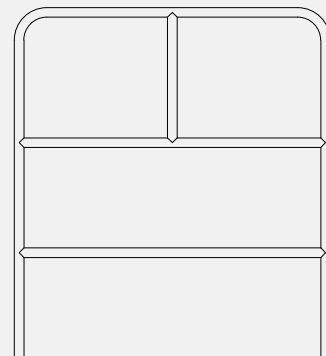
ELEVATION VIEW

## 1800MM HANDRAIL EXTENSION

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



ISOMETRIC VIEW



ELEVATION VIEW



## Technical Data

### SC8000

	<b>SINGLE MAST</b>	<b>TWIN MAST</b>
Platform length	4.1m - 16.9m	15.8m -46.2m
Maximum height with mast anchored	150m (higher mast by request)	150m (higher mast by request)
Distance between anchors	18m	18m
Lifting speed	7.2m/min	7.2m/min
Mast selection, hot-dip galvanized	1.25m/82kg	1.25m/82kg

<b>ELECTRIC SYSTEM</b>		
Lifting motors	2x400V/50Hz/4kW, 3phase/32A	4x400V/50Hz/4kW, 3phase/32A
Drive motor	400V/1.1kW	2x400V/1.1kW

<b>SAFETY DEVICES</b>		
Overspeed safety brake	✓	✓
Emergency stop and limit switches	✓	✓
Electromagnetic brake	✓	✓
Phase squency relay	✓	✓
Residul current device	✓	✓



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