

Intelligent Access Solutions

The Usher Group provides safe and compliant access solutions for your building or project. Our experienced team has extensive knowledge, having worked on numerous complex projects around Australia. We evaluate your site in detail and provide a complete access solution including design and install.

We implement Safety Management Plans and conduct the necessary training to ensure you meet your obligations.

Calls us for when you next need an Intelligent Access Solution

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USHER | GROUP
Your project partner.

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Access Solutions

Intelligent Access
Solutions
MAST
CLIMBERS

Usher Group provides for safe, productive, and economical vertical access solutions based on the rack and pinion technology.

We have a range of work platforms with high payload capacities, Mast climbers are a sensible option particularly when dealing with installations or heavier loads.

Mast climbers are a cost-effective option as an alternative to scaffolding, particularly when it comes to facade works. Even with complex building designs, overhanging or receding section, mast climbers are your easiest solution.

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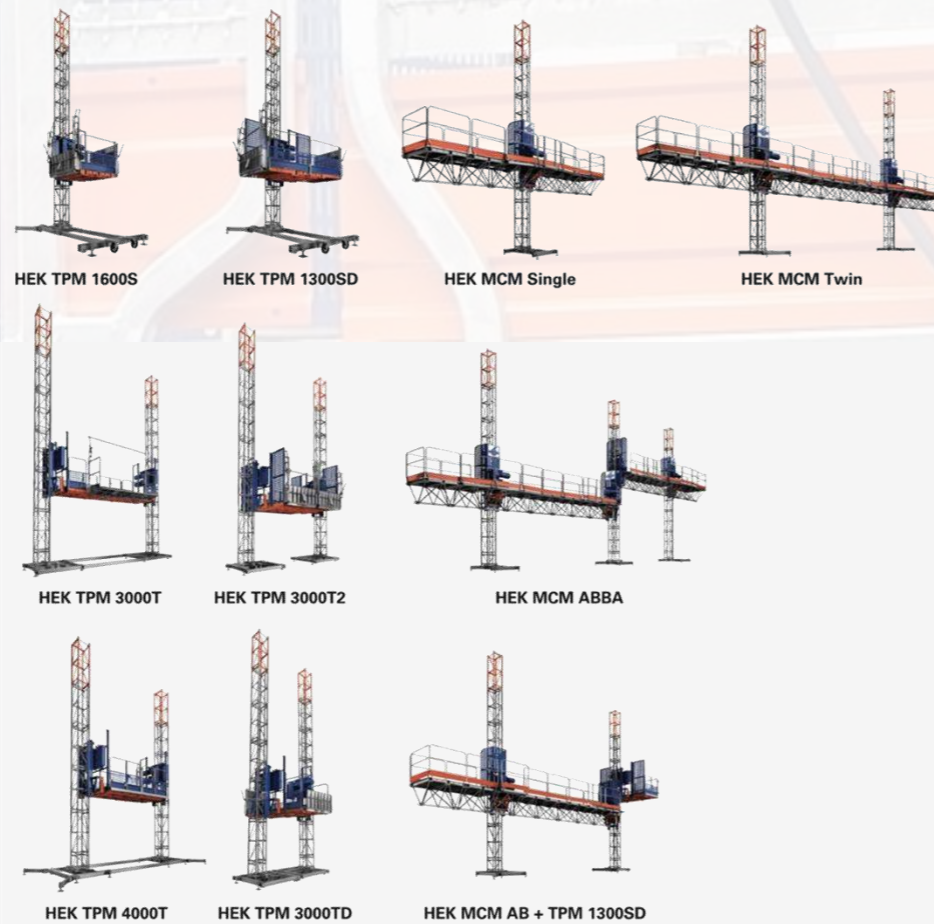
Features

Usher Groups mast climbers can be adjusted both in length and width. This provides users with significant advantages.

Some of the main advantages include:

- **Working platform** – Mast climbers offer a large variety lengths and widths to suit different building designs.
- **Load Capacity** – Mast climbers offer a higher payload load compared with other types of access equipment.
- **Improved efficiency** – Our large working platforms means you can get more done in each section.
- **Configuration** – Mast Climbers can be customised to suit unconventional building facades.

Configuration



Basic components



Adaptor A + Pendeldeck A



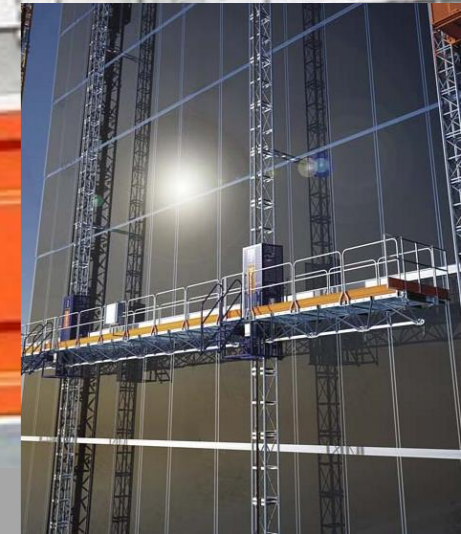
Deck section



Fences

Modular System

With relatively few components, it is possible to assemble a number of very different mast climbers, using the same drive unit & mast



Technical Specifications

Capacity	Single	Twin
Min/Max platform length (m)	2.9 – 10.4	10.2 – 32.6
Min/Max platform width (m)	1.5 – 2.7	1.5 – 2.7
Max payload capacity (kg)	2680	5150
Max payload at max platform length (kg)	2040	2300
Max number of people	3	6
Speed (m/min)	12	12
First Anchor position	3	3
Max lifting height tied (m)	200	200
Tie distance (m)	8-10	8-10
Free topmast (m)	4.5	4.5

Dimensions and weights	Single	Twin
Lowest transport height (m)	2.2	2.2
Height to platform(m)	1.6	1.6
1.5m platform section (kg)	179	179
0.8m platform section (kg)	119	119
1.5m mast section (450x450) (kg)	75	75
Drive unit (kg)	960	1920

Electrical Data	Single	Twin
Rated power (kW)	2 x 5.5	2 x 5.5
Voltage (V)	400	400
Motor connection	Y	Y
Control voltage (V)	24 DC	24 DC
Control voltage Frequency (Hz)	50 - 60	50 - 60
Power consumption (kW)	9.2	9.2
Power supply fuses (A)	25	25
Power cable (xmm ²)	4 x 6	4 x 6