Hydraulic Mast-Climbing Work Platforms
Freestanding – The easy way!

The perfect combination of features that no other mast-climber has ever offered you before! Discover this dream-come-true experience and start exploring all the possibilities it gives you!

Specially designed to provide fast and easy setup and moves on low-rise jobs (less than 14 m (45 ft) high), the FRSM 20K also delivers on high-rise! Not to mention the lifting capacity of 4,500 Kg (10,000 lbs) and a lifting speed of 2.1 m (7 ft) per minute, the FRSM 20K will reach 14.6 m (48 ft) of length in single mast configuration, giving you more wall coverage. We keep it simple and easy to use, because we think the most challenging part of your job should not be your mast-climber!

Extended possibilities!
Cantilevers, bridges and accessory components can be added to build unlimited configurations!

Built-in storage
Modular extensions feature built-in storage for outriggers and pins.

Built-in toolbox
Stores all the tools you need to assemble the platform, and keeps them together from one site to another.

Easy and fast initial installation in less than 1 hour – moves in 30 min at 14 m (45 ft) high!

Safe, reliable and low maintenance hydraulics bring you all the power you need

Easy set-up!
Leveling the base is made easy with these extendible jacks!

Built-in forklift pocket
The optional Hydraulic Portable Crane FRH-5000 can bring material weighing up to 1,140 kg (2,500 lbs) to the platform at a height of 100 m (330 ft) while workers continue with their jobs.
Sliding platform wideners
Side extensions widen the platform by an additional 0.6m (2 ft), giving laborers plenty of space.

Bridged to succeed!

Joined by adding a bridge, the FRSM 20K will spread to a length of 35.4 m (116 ft) [41.5 m (136 ft) with reduced load] in twin-mast configuration, giving it a lifting capacity of 9,000 Kg (20,000 lbs).

The FRSM 20K gives you the flexibility you need on today’s challenging job sites, while increasing the safety and productivity of your workers.

Optional accessories, such as Overhead and Weather Protection System, Monorail and portable crane, will help you overcome even more challenges.

Imagine: over 130 different possible configurations!

Overhead and Weather Enclosure System (OWES) is a unique system that provides both overhead and weather protection, keeping your workers safe and at top production level.

For a greater reach
This forward extension is well suited for corner returns.

Ergonomic!
The upper deck keeps the material at the right height for the workers standing on the lower step working area.

Overhead and Weather Enclosure System (OWES)
Maximum standard load: 4,540 kg/mast (10,000 lbs/mast)

Maximum length of platform:
- Single mast: 14.6 m (48 ft)
- Double mast: Full load: 35.4 m (116 ft), Reduce load: 41.5 m (136 ft)

Adjustable lower step working area width:
- Up to 2.13 m (up to 7 ft)

Main platform width:
- Standard: 1.78 m (5 ft 10 in)
- Maximum: 3.30 m (10 ft 10 in)

Lifting speed: 2.1 m / minute (7 ft / minute)

Maximum height of mast (with anchoring): 168 m (550 ft)

Standard distance between anchors: 10 m (30 ft)

Maximum freestanding height of mast (without anchoring):
- Full load: 11.3 m (37 ft)
- Reduce load: 14.2 m (47 ft)

Gasoline HONDA engine with electric starter: 13 HP – Electric, diesel or propane available

Mast section – size / weight:
- 0.5 m x 0.5 m x 1.5 m / 113.6 kg

Elevating unit – size / weight:
- 2.3 m x 2.3 m x 1.65 m / 1,338 kg

Cantilever section – size / weight:
- 0.76 m / 114 kg
- 1 m / 114 kg
- 2 m / 192.2 kg
- 3 m / 244.9 kg
- 3 m / 385 kg

Bridge section – size / weight:
- 6 m / 637.3 kg
- 6 m / 904.2 kg

Central bridge section – size / weight:
- 6 m / 637.3 kg

Freestanding Base:
- Overall Length / Overall width / total weight:
  - 5.46 m / 2.13 m / 1,136 kg

Data Sheet

PATENT PENDING
CSA/ACNOR W47.1
CSA/ACNOR S 269.2-M87
CSA/ACNOR S16
ANSI A92.9-1993

20K

DATA SHEET

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