

It's Strong...It's Sturdy It's a



COMPACT

Operate in your work environment

- Sandblasting
- Commercial Restoration
- Painting
- Masonry
- Window Cleaning
- General Building Maintenance
- Off Shore oil rigs
- Boiler and digester Maintenance
- Ship Maintenance
- Caulking
- ...

Whether you need to reach, new Heights or fit into tight places, or both, turn to **SKY CLIMBER®**. The **COMPACT** hoist from **SKY CLIMBER®** is part of the innovative family of specialized suspended platforms hoists.

Count on SKY CLIMBER®...backed by more than 55 years industry experience, known for many innovative, industry first achievements.

COMPACT leading a safe, fast and strong way into the future.

The COMPACT is

- Engineered for safety, speed and power
- Designed with the user in mind

Put the COMPACT to use on:

- A Bosun seat
- A one man work cage
- A work platform from 2 to 12 m (with end stirrup)
- A work platform from 2 to 6 m (with walk through stirrup)

See how the **COMPACT's** sleek tested design allows it to fit through a manhole as small as 47 cm, to lift loads to 400 kg. The **COMPACT** hoist will save you time and money.



COMPACT with SKY LOCK III hoist mounted



COMPACT with SKY GRIP (CE)



SKY LOCK III 8 mm



SKY GRIP 8 mm

COMPACT

Lifts: 400 kg
Operating Speed: 8,5 m/Min
Features SKY LOCK III 8 mm
Features SKY GRIP 8 mm
Hoist self-weight is 40 kg

Double or twin speed upon request



TECHNICAL SPECIFICATIONS:

Hoist - Dimensions:

COMPACT 400

Height: 41 cm
Width: 35 cm
Length: 43 cm
Rated Load Capacity: 400 kg
Hoist Self-Weight: 40 kg
(Pneumatic 35kg)
Operating Speed: 8,5 m/Min

Power/Electrical Requirements:

Motor Options COMPACT	Power	Line Current
220-240V/50Hz/60Hz/Single phase	0,55 kW	3,6 A
380-415V/50Hz/60Hz/Three phase	0,75 kW	2,4 A
Pneumatic	0,85 kW	1,7m ³ /min@5 Bar

Other motor options upon request

Hoist Safety Features:

- **SKY LOCK** overspeed secondary brake
- No Power Emergency controlled descent with manual brake release.
- **SKY GRIP is a slack rope and mechanical anti-tilting safety device**
- Installed on a platform with two hoists, the **SKY GRIP** covers the risk of
 - Failure of the suspension rope
 - No load condition on the suspension rope
 - An inclination of more than 10° of the platform
 - Meets CE Requirements

To meet the unified CE regulations, **SKY LOCK** should be mounted on a secondary steel wire rope.

Options:

- Hoist mounted
- End Stirrup mounted
- Walk through stirrup mounted

Hoist Control Options:

- Pendant or Central
- 24 V Control Circuit

Sky Lock III Independent Safety Device:

One of the important safety features of the **SKY CLIMBER®** hoist is the **SKY LOCK**, a dynamic safety device which senses rope speed as it passes through the mechanism. If the hoist exceeds the factory pre-set speed of 25 m/min. the **SKY LOCK** will automatically trip and lock onto the secondary safety wire rope and support the load. By activating the manual trip mechanism, it is possible for any sub-assembly of the hoist to be removed safely, while the platform is suspended from the **SKY LOCK**

Unique Patented Traction Sheave:

Ensures equal pressure on steel wire rope around the circumference of the sheave and gives unlimited working height at constant speed and capacity.

Gearbox:

Maintenance free, high efficiency, double planetary gearbox with 95% efficiency.

Steel Wire Rope Requirements:

Rope diameter 8,4 mm (Polyprop. Core)
Theoretical breaking load : 49,2 kN
Actual Breaking Load: 44,6 kN

Additional SKY LOCK Applications

Although designed to be used with SKY CLIMBER® hoists, the SKY LOCK III has found other uses as an independent safety device. On oil drilling rigs it is used with derrick climbers as a descent control device and on special purpose elevators as a brake. Requiring no external power source, the SKY LOCK III is available for additional special applications.

Your local representative:

SKY CLIMBER

"Excellence in Access" Since 1955

WWW.SKYCLIMBER.COM