

SKY CLIMBER®

ACCESS INNOVATIONS SINCE 1955

COMPACT - CX 500



COMPACT with Sky Grip (CE)



CX 500 pneumatic hoist with Sky Lock



CX 500 with Sky Lock

Whether you need to reach, new heights or fit into tight places, or both, turn to **SKY CLIMBER**®. The **COMPACT** and **CX 500** hoists from **SKY CLIMBER**® are part of the innovative family of specialized suspended platform hoists.

See how the **COMPACT** and **CX500** sleek tested design allows it to fit through a manhole as small as 46 cm, to lift loads up to 500 kg. The **COMPACT** and **CX500** hoists will save you time and money.

Operate in your work environment:

- Sandblasting
- Commercial restoration
- Painting
- Masonry
- Window cleaning
- General building maintenance
- Off shore oil rigs
- Boiler and digester Maintenance
- Inspection
- Caulking
- Windmill service access and blade maintenance
- Welding
- ...

The COMPACT- CX 500 are:

- Engineered for safety, speed and power
- Designed with the user in mind
- Electric or pneumatic powered motors

Put the COMPACT - CX500 to use on:

- Bosun seat
- One man work cage
- Platform from 2 to 12m (with end stirrup) and up to 13m (CX500 with walk through stirrup)
- Sky PI/BMU

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

COMPACT-CX 500 leading a safe, fast and strong way into the future!

COMPACT

Lifts: 400 kg
Operating Speed: 8,5 m/min
Features SKY LOCK III 8 mm
Features SKY GRIP 8 mm
Hoist self-weight: 40 kg
Double or twin speed upon request

CX 500

Lifts: 500 kg
Operating Speed: 8,5 m/min
Features SKY LOCK III 8 mm
Features SKY GRIP 8 mm
Hoist self-weight: 41 kg
Double or twin speed upon request



TECHNICAL SPECIFICATIONS

Hoist Dimensions & Load Capacity:

COMPACT 400 - CX500

Height:	41 cm
Width:	35 cm
Length:	43 cm - 47 cm
Rated Load Capacity:	400 - 500 kg
Hoist Self-Weight:	40 kg - 41 kg (Pneumatic 35kg)
Operating Speed:	8,5 m/min

Power/Electrical Requirements*:

Motor options COMPACT	Power	Line current
220-240V/50Hz/single phase	0,55 kW	3,7 A
380-415V/50Hz/three phase	0,75 kW	2,4 A
Pneumatic	0,85 kW	1,7 m ³ /min@5 Bar
Motor options CX 500	Power	Line current
220-240V/50Hz/single phase	0,88 kW	7,0 A
380-415V/50Hz/three phase	0,88 kW	3,2 A
Pneumatic	0,85 kW	1,7 m ³ /min@5 Bar

*Other motor options upon request

Hoist Safety Features:

- Sky Lock overspeed secondary brake (option).
- No power emergency controlled descent with manual brake release.
- Sky Grip is a slack rope and mechanical anti-tilting safety device (option).
- 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 12° of the platform
 - Meets the CE requirements

Hoist Control Options:

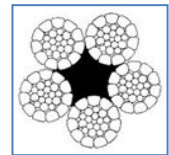
- Pendant or Central Control Box
- 24 V Control Circuit (CE requirements)

Gearbox:

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

Wire Rope Requirements:

- Rope diameter (5x26WS): **8,4 mm**
- Theoretical Breaking Load: **64,6 kN**
- Minimum Breaking Load: **51,5 kN**



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.

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.



Sky Lock III 8 mm



Sky Grip 8 mm

CE Approved:

To meet the unified CE regulations, the Sky Lock / Sky Grip should be mounted on a secondary steel wire rope.

Options:

- Hoist mounted (Sky lock, Sky Grip)
- End Stirrup mounted (recommended - only Sky Lock)
- Walk-through stirrup mounted (Sky Lock, Sky Grip)

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