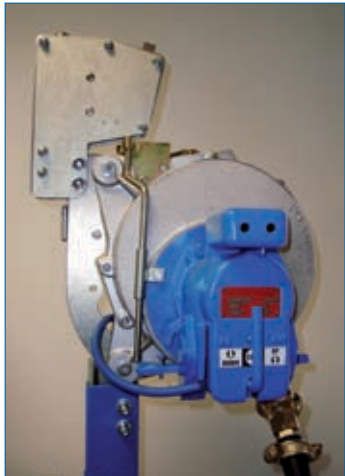


**It's Strong ... It's Sturdy  
It's a**



Alpha with hoist mounted Sky Lock



Alpha Air with Sky Grip



Alpha 1000 with stirrup mounted Sky Lock (recommended)

# ALPHA

## 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
- Windmill service access and blade maintenance

## The ALPHA is

- Engineered for safety, speed and power
- Designed for heavy duty field use

## Put the ALPHA to use on

- a one man work cage
- a work platform, standard – modular and special designed

Whether you need to reach new heights or fit into tight places, or both, turn to Sky Climber. The Alpha hoist from Sky Climber is a part of the innovative family of specialized suspended platforms hoists.

See how the Alpha's sleek tested design allows it to fit through a manhole as small as 47 cm, to lift your heaviest loads up to 1.000 kg. The Alpha has a proven worldwide record for over 30 years that it is still the most reliable hoist available in the industry.

**Count on Sky Climber ...** backed by more than 50 years industry experience, known for many innovative, industry first achievements. Alpha leading a safe, fast and strong way into the future.

### Alpha 500

**Lifts 500 kg**  
**Operating Speed: 8,5 m/minute**  
**Features the Sky Lock III 9mm**  
**Hoist self-weight is 62 kg (Air 48 kg)**

### Alpha 800

**Lifts 800 kg**  
**Operating Speed: 8,5 m/minute**  
**Features the Sky Lock II 9 mm**  
**Hoist self-weight is 66 kg (Air 52 kg)**

### Alpha 1000

**Lifts 1.000 kg**  
**Operating Speed : 8.5 m/minute**  
**Features the Sky Lock II 10.2 mm**  
**Hoist self-weight is 70 kg**

Double or twin speed upon request





## Hoist dimensions & Load capacity

### ALPHA 500

Height : 41 cm  
 Width : 40 cm  
 Length : 50 cm  
 Rated Load Capacity: 500 kg

### ALPHA 800

Height : 41 cm  
 Width : 40 cm  
 Length : 50 cm  
 Rated Load Capacity : 800 kg

### ALPHA 1000

Height : 41 cm  
 Width : 40 cm  
 Length : 55 cm  
 Rated Load Capacity 990 kg

### Hoist Safety Features :

- Sky Lock overspeed secondary brake.
- Sky Grip anti-tilting/slack rope device
- Overload / underload
- Top Limit
- No Power Emergency controlled descent with manual brake release.

### 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.

### Sky Lock 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 25m/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.

### 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

## Power/ Electrical Requirements :

Motor Options ALPHA 500	Power	Line Current
220-240V/50Hz/Single phase	0,88 kW	6,8 A
380-415V/50Hz/Three phase	0,88 kW	3,3 A
Air		1,9 m <sup>3</sup> /min.@6 bar
Other motor options upon request		

Motor Options ALPHA 800	Power	Line Current
220-240V/50Hz/Single phase	1,33 kW	9,4 A
380-415V/50Hz/Three phase	1,1 kW	4,3 A
Air		1,9 m <sup>3</sup> /min.@6 bar
Other motor options upon request		

Motor Options ALPHA 1000	Power	Line Current
220-240V/50Hz/Single phase	1,66 kW	12,0 A
380-415V/50Hz/Three phase	1,4 kW	5,4 A
Air		
Other motor options upon request		

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

### Options :

- Hoist mounted
- End Stirrup mounted (recommended) – only Sky Lock
- Walk through stirrup mounted

### Hoist Controls Options :

- Central (CE) or Pendant
- 24 V Control Circuit (CE)
- Hoist mounted

### Gearbox :

Maintenance free, high efficiency, double planetary gearbox with 97% efficiency.

### Wire Rope Requirements :

Rope diameter	9 mm	10.2 mm
Theoretical breaking load	78,5 kN	97.17 kN
Actual Breaking Load	66.1 kN	81.62 kN

### Additional Sky Lock Applications

Although designed to be used with Sky Climber hoists, the Sky Lock has found other uses as an independent safety device. On oil drillings 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 is available for additional special applications.

Your local representative :

[WWW.SKYCLIMBER.COM](http://WWW.SKYCLIMBER.COM)

[WWW.SKYCLIMBER.BE](http://WWW.SKYCLIMBER.BE)

# SKY CLIMBER FIRST

SAFETY • SERVICE • SOLUTIONS