

COMPACT ELECTRIC AND AIR HOISTS



ELECTRIC

Compact 1000
Weight: 108 lbs*
Part No. KCE-1000-220

Compact 1250
Weight: 108 lbs*
Part No. KCE-1250-220

Compact 1500
Weight: 120 lbs*
Part No. KCE-1500-220

**Weight includes Sky Lock*



AIR

Compact 1000
Weight: 90 lbs*
Part No. KCA-1000-AIR-G

Compact 1250
Weight: 90 lbs*
Part No. KCA-1250-AIR-G

Compact 1500
Weight: 98 lbs*
Part No. KCA-1500-AIR-G

**Weight includes Sky Lock*

Every Sky Climber hoist comes complete with the required Sky Lock.

All Compact hoist decals are available in Spanish. Part numbers and pricing are available by contacting Customer Service.

SKY CLIMBER HOIST WARRANTY

- **24-MONTHS** factory warranty on all parts and labor
- **36-MONTHS** on geartrain parts and labor

FEATURES AND BENEFITS

- 20 years proven technology
- Fits through a small (18") opening for hard to reach places
- Two handles on all hoists for easy loading and mechanical maintenance
- Power indicator light shows power status and emergency stop status as standard equipment
- Optional hour meter (Electric only)
- Standard dual controls, hoist control or plug-in pendant ready
- Industry's best electric power-pack, draws fewer amps, eliminates power boosters in most situations
- Use of a planetary gear system, the most efficient gearbox in the industry
- Available with wireless remote control (Electric only)
- Pendants available in lengths from 6 ft - 200 ft
- Single Volt 220
- Single Volt 110 NEW
- 50 hz & 60 hz
- 3 Phase & Single Phase
- All Compact models operate on 5/16" wire rope
- Includes required Sky Lock III
- Includes lubricator filter and bracket (Air only)
- All porting internal or uses solid piping for more durability (Air only)
- GAST air motor offers more reliability
- Gear box interchangeable with air or electric motors



ELECTRICAL SPECIFICATIONS

	Sgl Volt 1000 & 1250	Sgl Volt 1500
Power	1.3 HP / kW 0.95	1.5 HP / kW 112
Line Current	7.5 Amps	9.24 Amp
Power Cable	14/3	14/3
Voltage	230 Vac/60 Hz 1 PH	230 Vac/60 Hz 1 PH
Hoist Weight	108 lbs*	120 lbs*
Sky Lock III	Included with hoist	Included with hoist
Wire Rope	5/16"	5/16"
Ascent Speed	32 fpm	32 fpm
Descent Speed	35 fpm	35 fpm
Pendant Control	Hoist Mounted Ctrl w/ Plug	Available
Part No.	KCE-1000-220	KCE-1500-220
Part No.	KCE-1250-220	

PNEUMATIC (AIR) SPECIFICATIONS

	1000 & 1250	1500
Power	70 CFM	70 CFM
PSI	100	100
Hoist Weight	90 lbs*	98 lbs*
Ascent Speed	20-35 fpm	20-35 fpm
Descent Speed	35 fpm	35 fpm
Sky Lock III	Included with hoist	Included with hoist
Pendant Control	Available	Available
Wire Rope	5/16"	5/16"
Filter & Lubricator	Included with hoist	Included with hoist
Part No.	KCA-1000-Air-G	KCA-1500-Air-G
	KCA-1250-Air-G	
	*Weight includes Sky Lock	

NEW

ALPHA 2200

Introducing the Alpha 2200

Electric hoist, designed with heavier lifting capacity while maintaining Sky Climber's high standard for quality and safety.

- Lifts: 2200 lbs
- Operating Speed: 32 fpm
- Features Sky Lock II: 3/8" (9mm)
- Hoist Weight: 165* lbs
- Height: 16.1 in
- Length: 15.7 in

Part No. KA22E-1000-100

* Weight includes Sky Lock



NEW

FALSE CAR

False Cars provide a cost effective alternative to traditional "Scaffolding" inside a shaft. Manufactured of lightweight aluminum and sturdy steel, the False Car allows for easy handling, installation, operation and service. Users feel the well-built, stable frame under foot and appreciate the easy, fast, and safe operation.



Platform Dimensions: (From) 1.8 M2 (1990x900) to 3.6 M2 (2800x1300) Dimensions adjusted to suit special applications

Rope Length: 25M (82') to 200+M (650')

Safety Handrails: Adjust to fit guide rail faces of 5/8", 3/4", 1 1/8" & 1 1/4"

Recommended Hoist: Compact 1500 (5/16" rope) or Alpha 2200 (3/8" rope)

Overspeed Safety Lock: Sky Lock III (5/16") and Sky Lock II (3/8")

Car Load Capacity: Up to 250kg (550 lbs) person and equipment

- Car structure specifications meet or exceed all platform requirements in code section 1926.
- Hoists meet and exceed all OSHA and ANSI requirements for man-rated lifts.
- Safety and application training recommended and available.
- Sky Climber engineers are available for a simple system modification or a complete re-design to suit any special application or requirement.

NEW

Tower Hoist

Oil Field, Industrial & Petrochemical Applications

Personnel lifting on drilling rigs and platforms has traditionally been done using winches designed for material. These devices, even if modified for personnel, do not carry the extra built in safety features, and operate at extreme speeds leading to accidents and injury. Difficulty in communication between the operator & rider compounds the danger in this type of application. Rigs have been moving to man-rated systems to provide access to the blocks for daily maintenance. Sky Climber has developed the Tower Hoist to address the issues associated with inferior systems and features the most advanced technology available.

With the Sky Climber Tower Hoist, the rider controls his own ascent and descent with a wireless remote control. Hand or radio signals are no longer necessary and productivity is improved without using a second operator. The speed is regulated to 35 fpm. It has a mechanical secondary safety brake should the motor brake fail, a top limit switch to prevent the rider from ascending into an upper obstruction, and mechanical controlled descent capability in case of power loss. Additionally, the machine has a very small footprint allowing it to be used in close quarters in the crown.

TOWER HOIST SPECIFICATIONS:

- Part No. J3866
- Hoist: Sky Climber Traction Hoist
- Rated Capacity: 1000 lbs
- Wire Rope: 5/16" Rotation Resistant
- Reach: 210' standard or custom
- Speed: 35 fpm
- Power: Electric
- Voltage: 110V single phase, 220V single phase, or 220V three phase
- Amps: 12 amp
- Weight: 108 lbs + wire rope (hoist only)
- Height including stand: 65"
- Width including cage: 20"
- Depth including cage: 22"

TOWER HOIST FEATURES:

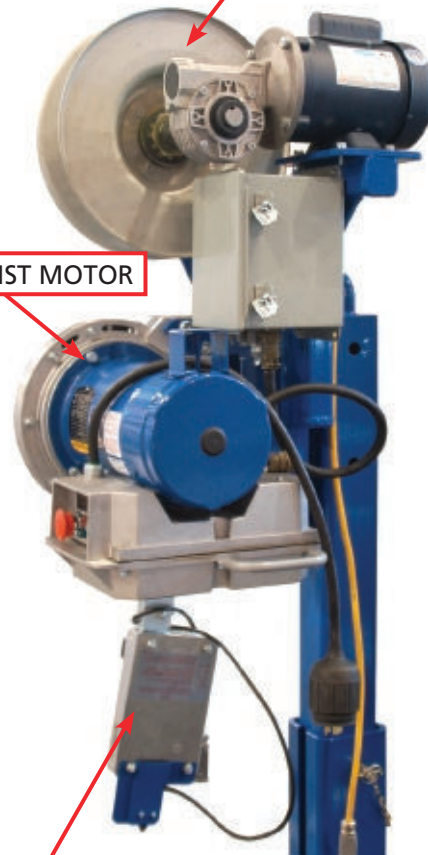
- Operator / Rider controls the hoist with wireless remote. Rider doesn't have to rely on hand signals or relay person.

- Patented Sky Lock Technology for over speed condition
- Emergency Descent on hoist for lowering during power failure
- 35 fpm travelling speed is safe and OSHA compliant
- Upper limit switch prevents rider from ascending into structure
- Level wind of wire rope is hands free and prevents damage to valuable rotation resistant rope
- Remote uses Frequency Hopping Spread Spectrum Technology which eliminates the possibility of interference from other signals
- Low battery indicator
- 500' wireless remote range
- Easily installs on the crown of the drilling rig
- Weatherproof enclosures on all parts of hoist and electrical components
- Portable and compact for easy mobility
- Meets and exceeds all OSHA requirements and is UL Approved

MOTORIZED WIRE WINDER

HOIST MOTOR

SKY LOCK SECONDARY SAFETY BRAKE



**Call Factory for all options*



SKY LOCK III
Wt. 10 lbs
Included with all Compact model hoists. 5/16" wire rope
Part No. 56009839-1000
Part No. 56009839-1250
Part No. 56009839-1500



SKY LOCK II
Wt. 12 lbs
Included with the Alpha 2200 hoist. 3/8" wire rope
Part No. 56009826



PENDANT CONTROL
For Compact 1000, Compact 1250, and Compact 1500 Electric Hoists. Single Phase.
Size Part No.
6 ft 41021752-6
12 ft 41021752-12
18 ft 41021752-18
6 ft – 200 ft pendants available



SKY LOCK CANVAS COVER
Wt. 2 lbs
Use on both Sky Lock II & III.
Part No. 305-67



HOIST CANVAS COVER
Wt. 3 lbs
Part No. 42008106
(Fits all Compact and Alpha 1000 hoists.)



CENTRAL CONTROL UNIT (CCB)
Wt. varies based on size
Allows simultaneous control of 2, 3, 4 or more hoists by one operator. Use with sgl. volt Compact 1000, 1250, or 1500 pendant controlled hoists.
Part No. CCB-05 (2 hoists for stages < 5m)
Part No. CCB-10 (2 hoists for stages < 10m)
Part No. CCB-15 (2 hoists for stages < 15m)
Contact Sky Climber engineering about CCB units that control more than 2 hoist.



STEP-DOWN TRANSFORMER
Provides 220V power to hoists and 110V GFCI protected power for hand tools. Built in circuit breaker, OSHA requires GFCI protected power for 110V hand tools operated on metal platforms.

Size	Wt.	Part No.
3.0 KW (15 amp)	60 lbs	126-277-6



BOOSTER TRANSFORMER
Provides a voltage boost from low voltage power supplies to the hoist.

Item	Wt.	Part No.
220V 10% Boost	20 lbs	126-182



ELECTRIC DROP CORD
Made of 10/3, reinforced, SOW electric cable, 20 amp, 250 volt twist lock connectors & weather proof covers. Strain relief at each end.
Length Wt. Part No.
150 ft 40 lbs 127-35-150
250 ft 70 lbs 127-35-250



ELECTRIC YOKE ASSEMBLY
Made of 10/3 type SOW electrical cable, 20 amp, 250 volt twist lock connectors.
Length Wt. Part No.
50 ft 22 lbs 126-60-3



STEEL STORAGE & SHIPPING BOX
Wt. 40 lbs
17 1/2"W x 21"L x 25"H
Part No. 800-6



AIR PENDANT
Available lengths: 24 to 500 ft
Specify length when ordering.
Compact 1000, 1250 Pendant
Part No. 41021753-(length)
AIR HOSE
Part No. 139-12-(length)

Wire Rope

We'll cut, braise and bullet tip the rope at no charge when you buy it by the foot. Swaging available for an additional charge.

5 X 26 STEEL WIRE ROPE
5/16", WS, RRL, EIPS, Galvanized, PC
Breaking Strength 11,735 lbs
Part No. 51008306
Part No. 51008306-CUT (specify length)
Part No. 51008306-SI Swage Kit with Insulated Thimble (Rope length cut as specified)
Part No. 51008306-S Swage Kit with Standard Steel Thimble (Rope length cut as specified)



19 X 7 NON-ROTATING WIRE ROPE
5/16", RR, XIP, IWRC
Breaking Strength: 8060 lbs
Part No. 51008306-NR
Part No. 51008306-NR-CUT (specify length)

* Wire rope weight approximately 18 lbs per 100 ft



FIST GRIP (J-CLAMP)
Size: 5/16 in
Part No. 119-6



SHACKLE
Size: 3/4 in
3 1/4 tons (2.63 lbs each)
Part No. 119-8



THIMBLE INSULATED
Size: 5/16 in
Part No. 119-77



SHORT INSULATED THIMBLE ASSEMBLY
Size: 5/16 in
Part No. 119-71



THIMBLE STANDARD STEEL
Size: 5/16 in
Part No. 119-5