

Power Climber™, a division of SafeWorks, LLC, is a world leader in the manufacture and distribution of powered and manual hoists, and sets the industry standard for versatility and reliability.

Astro Hoist A1000 & A2000 Air Hoists

Built for durable performance in heavy industrial applications, the Astro Air hoists lift up to 2,000 lbs up to 35 feet per minute. Field tested on dance floors and high capacity special applications, the Astro Air hoist exceeds the performance requirements of the most demanding industrial contractors.



Dependable

The Astro hoist uses a proven "load sensitive" traction principle to provide a smooth and positive climb. An advanced power transmission and simple modular construction to make the Astro an efficient and dependable hoist that is easy to maintain and service. Down time is minimal. The high quality construction is backed by a two year warranty on all mechanical parts.

High Performance

- **High Speed:** Efficient air flow allows speed up to 35 feet per minute. Saves reeving and climbing time.
- **Lightweight and Compact:** Fits through 16 inch opening. Easy to transport and install.
- **Quadrant Drive:** This Swiss precision reducer is efficient, durable, troublefree and fully enclosed. Minimizes power requirements.

Fleet Efficient

- **Multiple Wire Rope Sizes:** Automatically accepts wire rope diameters from 5/16 inch to 3/8 inch; allows for increased loads and safety factors.
- **Modular Construction:** Allows for easy gear change to convert between 1,000 and 2,000 lb capacity or more extensive conversion to electric.
- **Clean Power Pack Design:** Saves bench labor.

Proven Safety

- UL Listed.
- Two Built-in Wire Rope Brakes
Standard: Emergency protection is provided by an overspeed on the primary and a slack rope brake on the secondary wire rope. (Use of a second wire rope is optional, except where required by law.) No need to engineer a secondary system. No need to assemble or install. Cannot be left in the shop or bypassed.
- Controlled Descent: In case of power failure, a lever can be used to lower the hoist. Simple and convenient, reduces down time.

Air Flow, Rated Load & Speed

The combination of air pressure (psi), volume of air (cfm) delivered to the hoist and the load the hoist is lifting contribute to the operating speed reached. Increasing the cfm or, to a lesser extent, psi or decreasing the load will generate higher operating speeds. Best performance is reached at the highest rated pressure and volume. Minimum air pressure and volume are 80psi/40cfm for the A1000 and 100psi/40cfm for the A1250 and A2000.

Power Climber™

a division of SafeWorks, LLC is America's largest manufacturer of powered suspended scaffold hoists and accessories. Power Climber™ operates plants in the United States and Belgium, and has manufactured suspended scaffold equipment for over 25 years.

Other Products Available from Power Climber™:

Pocket Climber Hoists
Modular Platforms
Work Cages
Bosun's Chairs
Rigging Devices
Manual Hoists
Platform Accessories
Electrical Accessories
Fall Protection Equipment

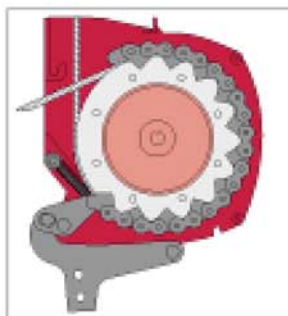
To learn more about our products, contact your nearest Power Climber™ dealer:

Available Models and Specifications

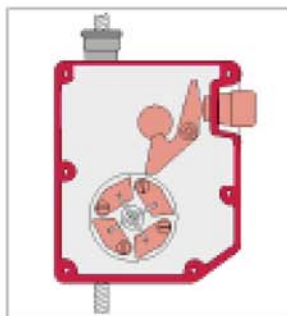
Model	A-1000	A-2000
Motor	8 Vane Air 100 psi, 4 HP	8 Vane Air 120 psi, 4 HP
Capacity	1000 lbs (1250 lbs w/120 psi)	2000 lbs
Draw	40-60 cfm	40-60 cfm
Speed	Up to 35 fpm	Up to 35 fpm
Weight*	105 lbs	105 lbs
Dimensions H x W x D (in)	23 x 15.5 x 12.5	23 x 15.5 x 12.5

*Weight includes two built-in wire rope brakes.

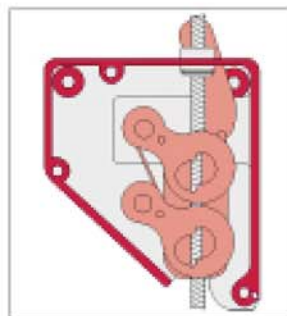
**Load Dependent
Traction Principle**



**Overspeed Brake on
Suspension Wire Rope**



**Slack Rope Brake on
Second Wire Rope**



Power Climber™
Raising the Expectation

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