Self-reeving, breech-loading, high speed, all in a compact unit weighing less than 100 lbs.
Pocket Climber
The Pocket Climber scaffold hoist sets new standards for dependability, versatility and serviceability. Unique to the Pocket Climber is the ability to both self-reeve and breech-load the wire rope. The breech-loading feature provides easy and fast inspection and maintenance. Downtime and wire rope problems are reduced. The new load-sensitive traction system, with a "floating sheave," is very gentle on the wire rope and provides a smooth and positive climb. The Pocket Climber can be used in primary construction and for overall maintenance of buildings, towers, bridges, dams, ships, power plants and similar applications.

Models and Specifications

Wire Rope:
The Pocket Climber model PC1 can be self-reeved AND breech-loaded using 5/16 inch diameter wire rope (metric equivalent: 8.0 to 8.4 mm). The recommended construction of the wire rope is 6x19 or 6x31, Seale, Improved or Extra Improved Plow Steel, Right Regular Lay, Preformed, IWRC or FC, Bright or Galvanized finish.

NOTE: Thermal overload protection is provided on electric models (automatically resets when motor cools).

*Weights (see below) include two built-in wire rope brakes: an overspeed brake on the suspension rope and a slack rope brake for the optional second wire rope.

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor hp/psi</th>
<th>Capacity lbs.</th>
<th>Draw amp/cfm</th>
<th>Speed ft./min.</th>
<th>Weight lbs.</th>
<th>Dimensions A&quot;xB&quot;xC&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC1-750EDV</td>
<td>110/220VAC, 60hz, 1 phase, 0.75hp</td>
<td>750</td>
<td>6/12</td>
<td>35</td>
<td>100</td>
<td>20x13x13.5</td>
</tr>
<tr>
<td>PC1-1000E</td>
<td>220VAC, 60hz, 1 phase, 1.0hp</td>
<td>1000</td>
<td>7</td>
<td>35</td>
<td>104</td>
<td>20x12x13</td>
</tr>
<tr>
<td>PC1-1000EC</td>
<td>110 or 220VAC, 60hz, 1 phase, 1.0hp</td>
<td>1000</td>
<td>7/14</td>
<td>35</td>
<td>104</td>
<td>21x13x13.5</td>
</tr>
<tr>
<td>PC1-1000EDV</td>
<td>110/220VAC, 60hz, 1 phase, 1.0hp</td>
<td>1000</td>
<td>7/14</td>
<td>35</td>
<td>106</td>
<td>21x13x13.5</td>
</tr>
<tr>
<td>PC1-1000E3</td>
<td>208/240VAC, 60hz, 3 phase, 1.0hp</td>
<td>1000</td>
<td>6</td>
<td>35</td>
<td>102</td>
<td>20x12x13</td>
</tr>
<tr>
<td>PC1-1000A</td>
<td>Air, 8 vane, 90-120psi, 4hp</td>
<td>750/1000</td>
<td>40-70cfm</td>
<td>up to 35</td>
<td>88</td>
<td>18.5x12x14</td>
</tr>
</tbody>
</table>

U.S. patent No. 4,611, 787. Patented in other major countries. Other patents pending.
Features

Lightweight & Compact
All models weigh about 100 lbs. or less (including two built-in wire rope brakes!). The Pocket Climber will fit through a 14 inch opening.

Dependable
The simple design keeps electrical and moving parts to a minimum, ensuring high reliability.

Low Maintenance
The extreme modular and open design allows for quick, easy inspection and serviceability.

Self-Reeving
The end of the wire rope will smoothly and quickly reeve through the hoist.

Breach-Loading Or Not
The Pocket Climber not only self-reeves, it can be easily breach-loaded anywhere on the wire rope. This versatile feature is great for reeving long lengths of wire rope or rope with a damaged end and reeving without power. Non-breach models require tools to perform the breech reeving function - keep the feature for your rigger's use; restrict your customer from using it.

Two Wire Rope Brakes Built-In
No need to assemble or install. Can't be left in the shop or bypassed. Overspeed Brake automatically locks onto the wire rope if an overspeed condition occurs. Can be activated manually by the operator at any time. Slack Wire Brake (use is optional but strongly recommended) senses slack, broken or detached suspension rope and separate brake jaws lock on the second wire rope. With a second wire rope, OSHA regulations permit attaching safety equipment directly to a trolley line on the stage – eliminating the need for cumbersome independent lifelines.

Full Power Cut-Off Switch
Lets operator cut off power to hoist in emergency.

Voltage Indicator Light
Indicates low voltage by blinking when pressing Up/Down switch at marginal power in 220V and 110/220V models. Light goes out altogether at poor voltage.

Hour Meter
Shows operating hours in 220V and 3 Phase models for service tracking.

Phase Protection/Voltage Monitor
Protects 3 ph hoist by shutting off power in low voltage and out of phase conditions.

Load Dependent Traction
The wire rope makes a single wrap around the hardened sheave. The load pushes the wire rope against two traction rollers, providing smooth dependable traction that automatically increases to match the load. The light spring force for reeving avoids rope jams.

Built-In Heavy Duty Carrying Handle
Allows ease of transport and doubles as Operators Manual storage tube.

High Speed
Constant travel at 35 ft/min. Cuts job time and labor costs.

Electromagnetic Primary Brake with No Power Controlled Decent
The brake is attached to the motor and is automatically applied when the Up/Down switch is released or power is interrupted. In case of power failure, pulling a lever allows a slow controlled descent.
Accessories

**Fully Featured Work Cage**
High load capacity; extensions available

**Electrical Yoke**
S0 type cable, two 17 foot extension arms

**Stirrup**
Fits up to 28 inch wide platform

**Bosun's Chair**
Stable and easy to operate

**Parapet Clamps**
Aluminum: 1,000 lb. capacity; max. throat opening: 29 inches
Steel & Aluminum: 1,500 lb. capacity; max. throat opening: 29 inches

**Remote Ready Option**
The female receptacle installs easily into the hoist. With the remote ready option, adding a remote takes less than a minute when you have ready made remotes on the shelf.
The Universal Remote operates all Pocket and Astro models, taking the guesswork out of choosing a remote to operate two machines from one location. It does not eliminate hoist-mounted controls. Available in standard lengths to 30 ft; to 50 ft on special order.

**Transformers**
Booster transformer: increase supply voltage 15%
Step-up transformer: converts 110V supply voltage to 220V

**Wire Winder**
600 foot capacity (with 5/16 inch wire rope); automatically coils wire rope