



Since it was launched in 1993, the PC1 hoist has combined trusted breach reeving capability with proven low voltage performance to lead the market. With the deepest voltage operating range and the easy-to-replace motherboard, the PC1 manages poor power better than any other comparable hoists in the market today.

PC1 Pocket Climber

Lowers Total Cost of Ownership

Saves wear & tear on rope, extending wire rope life

Saves costly wire rope jam in field and eliminates service calls

Significantly reduces need for transformers to boost voltage, saving cost

Built-in secondary wire rope eliminates added costs to operate a four-line system for required applications (double deck, overhead protection, some industrial applications) or eliminates independent safety lines

Integrated safeties built into the body of the hoist ensure operator safety by eliminating risk of omission or poor install, and reduce number of SKUs that need to be tracked in fleet

Trusted and Proven Technology

Technician can diagnose voltage problems by phone, reducing service calls

Extends electric component life

Control descent allows easy, safe self-rescue in the event of a power loss

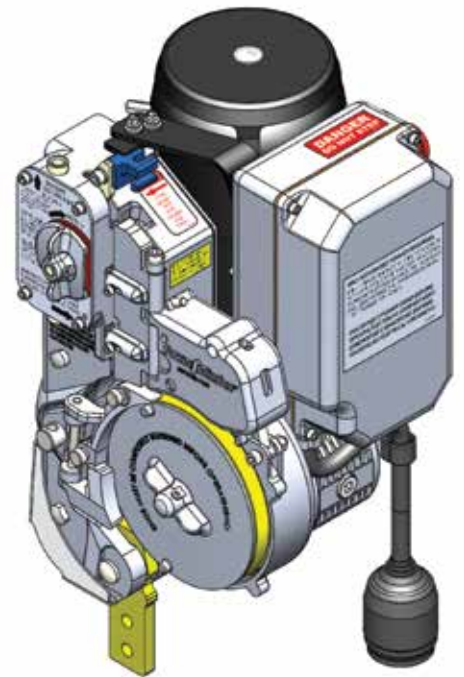
Ensures greater operator safety

Improved reliability with best-in-class motor

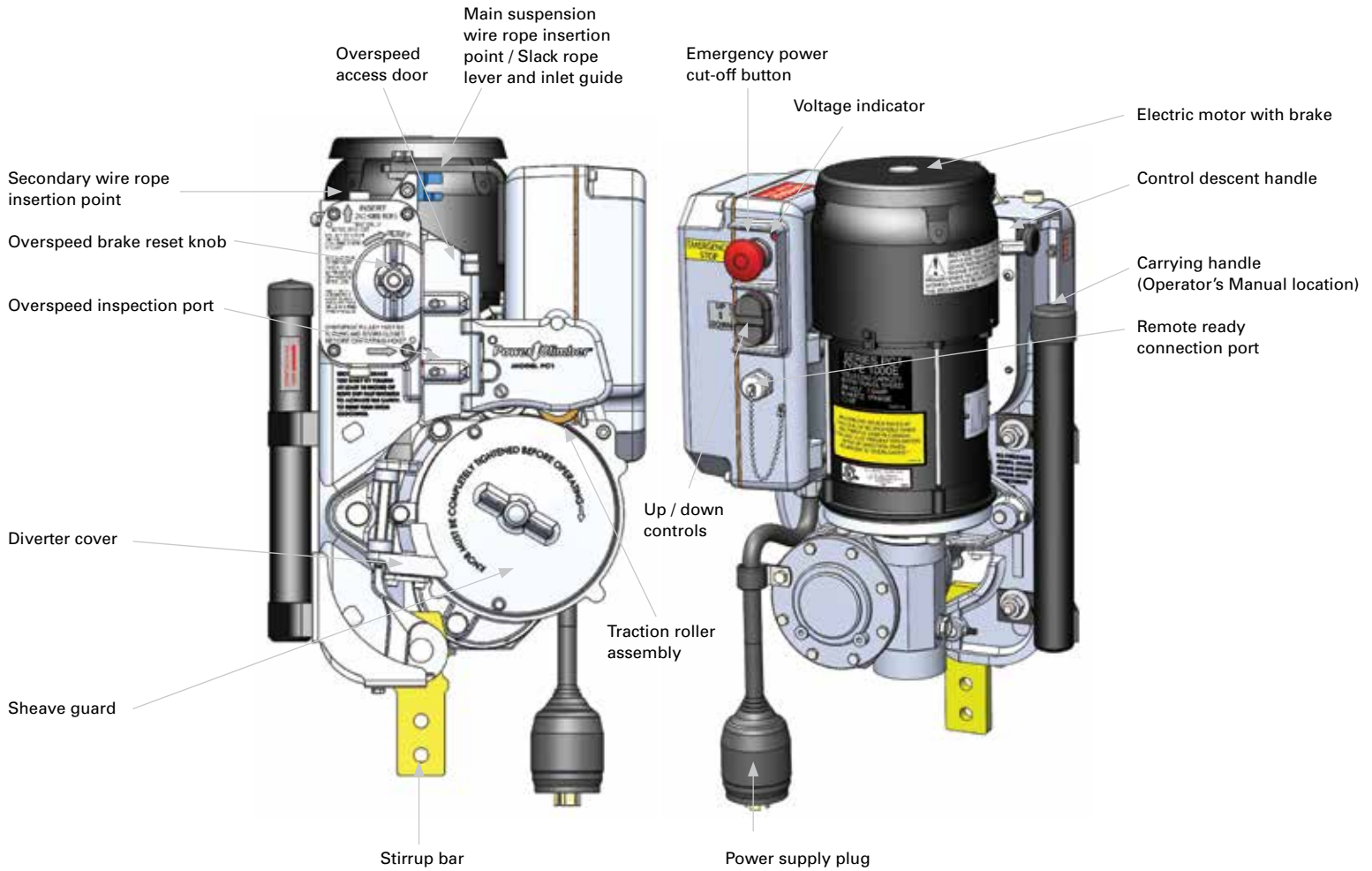
Eliminates the need to rig additional equipment and perform platform rescue

Traction principle virtually eliminates the risk of wire rope jam

Ensures code compliance



PC1 Pocket Climber



	PC1-1000E	PC1-1000A	PC1-1000E3	PC1-1000 EDV
Working Load Limit	1,000 lbs	1,000 lbs	1,000 lbs	1,000 lbs
Speed	35 ft/min.	Up to 35 ft/min.	35 ft/min.	35 ft/min.
Weight	102 lbs	88 lbs	102 lbs	104 lbs
Voltage	208 or 220 VAC 1 Ph	90-120 PSI	208/240 VAC 3 Ph	220/110 VAC 1 Ph
Current	7.5 A @ 208V or 9 A @ 220V*	40-70 CFM	6 A	7/14 A
Circuit Breaker	20/30 A	N/A	20/30 A	20/30 A
Dimensions (w x d x h)	13 in. x 12 in. x 20 in.	14 in. x 12 in. x 18.5 in.	13 in. x 12 in. x 20 in.	13 in. x 12 in. x 20 in.

*The 220V model is not available for new production.

Quick Fix

Change the motherboard out to solve an electrical issue in less than 5 minutes.



Standard Features of the PC1 Hoist

Feature	Function	Benefit
Broad Operating Range: 208V, +10%/-15%	<ul style="list-style-type: none"> • Significantly improved performance at low voltage • Proven, reliable performance from 177 to 229 run volts • Tested in 30 minute continuous run tests 	<ul style="list-style-type: none"> • Reduces service calls • Extends electric component life • Allows longer drops with yoked hoists • Saves time and money
220V, +/- 10%	<ul style="list-style-type: none"> • Proven, reliable performance from 198 to 242 run volts • Tested in 30 minute continuous run tests 	<ul style="list-style-type: none"> • Significantly reduces need for transformers to boost voltage, saving money
Load Sensitive Traction	<ul style="list-style-type: none"> • Applies only the traction needed to lift load, not full 1,000 lbs lifting force on rope • Virtually eliminates the risk of wire rope jam 	<ul style="list-style-type: none"> • Greater tolerance of wire rope condition • Saves wear and tear on rope, extending wire rope life • Saves costly wire rope jam in field • Minimizes the need for rescue • Minimizes wire rope destruction and lengthy service • Lowers total cost of hoist ownership
Voltage Indicator	<ul style="list-style-type: none"> • Indicates voltage to unit 	<ul style="list-style-type: none"> • Easy visual inspection can eliminate a service call • Technician can diagnose voltage problem by phone
Remote Ready	<ul style="list-style-type: none"> • Built-in pendant port accepts plug-in remote control • Compatible with 8-0281 series remotes 	<ul style="list-style-type: none"> • No need to drill and wire remote into hoist • Leaves hoist-mounted controls operable
Built-in Overspeed Brake	<ul style="list-style-type: none"> • Stops hoist in overspeed condition • Cannot be left behind in shop, bypassed, or dismantled 	<ul style="list-style-type: none"> • Ensures greater operator safety • Improves reliability
Controlled Descent	<ul style="list-style-type: none"> • Allows downward travel at a controlled rate of speed in the event of power loss 	<ul style="list-style-type: none"> • Allows easy, safe self-rescue • Eliminates the need to rig additional equipment and perform operator transfer
Built-in Secondary Wire Rope Brake	<ul style="list-style-type: none"> • Allows use of secondary suspension wire rope for required applications (double deck, overhead protection, some industrial applications) or eliminates independent safety lines • Ensures code compliance 	<ul style="list-style-type: none"> • More versatile hoist ready for any application • Integrated design eliminates damage, misuse or accidental omission • Significantly lower cost for secondary wire rope benefit compared to other manufacturers • Lowers total cost of hoist ownership

Optional

Overload Device (mounted on suspended scaffold)	<ul style="list-style-type: none"> • Allows to be shop set to 750 lbs or 1,250 lbs. Refer to overload instructions. 	<ul style="list-style-type: none"> • Reduces rigging material & labor. May be required in Canada.
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1. Open access doors and retract sheave.



2. Insert wire rope.



3. Rotate the sheave back in and close the access doors.

Breach Loading

The PC1 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, for reeving rope with a damaged end, or for reeving without power.



We design, manufacture and distribute the highest quality traction hoists and suspended access systems in the market.



Service available world wide through our network of Power Climber dealers.

Not all manufacturers invest in UL® and CUL® classification. Power Climber does.

UL® and CUL®

Power Climber designs, engineers, builds and tests its hoists in accordance with the Underwriters Laboratories UL1323 standard for hoists as required under OSHA 1910.28(i)(1) & (g)(3) and 1926.451(d)(13).

OSHA

Employers are required under OSHA to use hoists tested by both a Nationally Recognized Testing Laboratory and a Qualified Testing Laboratory, depending on which code section applies.

Power Climber Solution

Power Climber makes the choice to list our hoists with UL® and CUL® because it provides users with equipment that is safer than products listed by other labs.

Power Climber

Power Climber has been engineering and manufacturing hoists, platforms, rigging equipment, safety gear and accessories for the suspended access industry since 1972. With facilities in North America, Europe and Asia, Power Climber distributes its reliable network of products to world-class facility owners and best-in-class rental companies across the globe.

365 Upland Drive
Seattle, WA 98188 USA
+1 (206) 394-5306
+1 (800) 560-2546

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