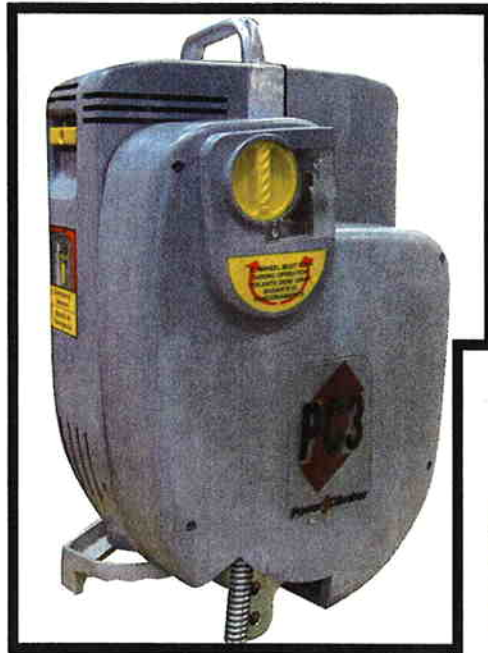


PowerClimber®



3 G P

- **Most reliable low voltage operation**
- **Most user-appreciated features**
- **Easiest to operate**
- **Easiest to service**
- **Lowest cost to own**
- **Best value**

Simple • Reliable • Affordable

A New Generation

The PC3 skips a generation of product development to offer the most simple, reliable, affordable hoist performance.

Simple:

- Easy to Operate
- Easy to Upgrade
- Easy to Service
- Easy to Handle

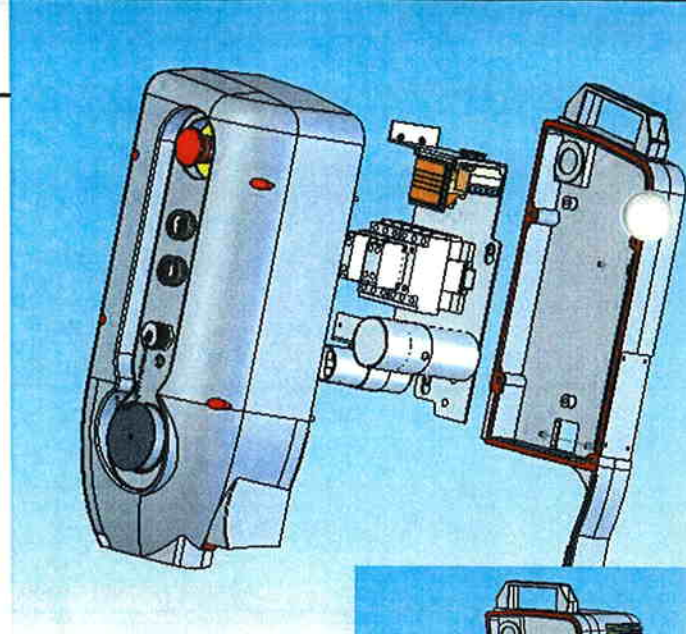
Reliable:

- Proven load-dependent traction system
- Nearly impossible to jam wire rope
- Extensive electrical improvements
- Mechanical components carry minimum 105 operating hour life with regular service
- Remove 'motherboard' with electrical components to do fast, inexpensive power-induced repair
- Covers prevent debris accumulation

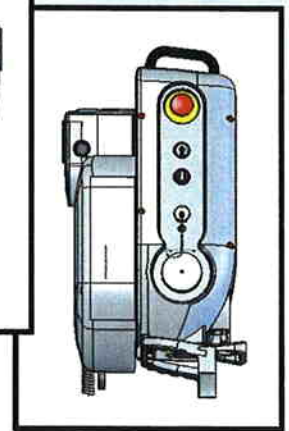
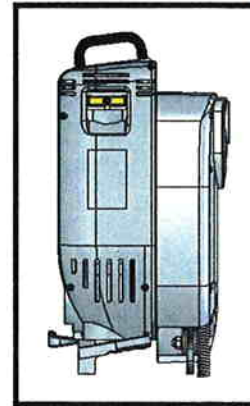
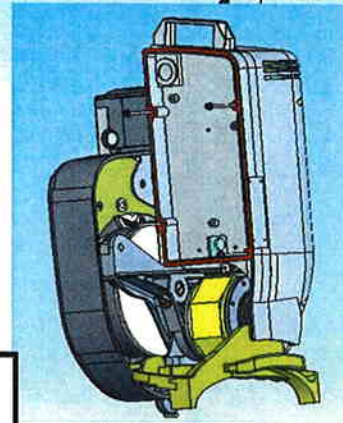
Affordable:

- Goof-proof operation
- Faster to service
- Lower turn service cost
- Lower annual service cost
- Lower cost to inventory parts
- Fewer voltage problems
- Workers of all skill levels can troubleshoot and fix most problems

Weight: 99 lbs /46 Kgs
Operating Speed: 35 ft/min 10.7 M/min
Load Capacity: 1000 lbs or 1500 lbs
Power Supply: 208V Single Phase or 3 Phase
Operating Range: +10%/-15% of rated voltage
Wire Rope: 5/16", 8 or 8.4mm 5x26, 6x19 or 6x31, IWRC or FC Right Regular Lay, IPS (Improved Plow Steel) or EIPS (Extra Improved Plow Steel), Preformed, Galvanized or Bright



Now anyone can get a hoist up and running. Change the motherboard out to solve an electrical issue in less than 5 minutes.



Model	Motor hp/psi	Capacity lbs.	Draw (amp)	Speed ft./min.	Weight* lbs.	Dimensions
PC3-1000E	208VAC, 60 Hz, single phase	1000	7	35	99	23 1/2 x 14 x 12 3/4 inches (HxWxD)
PC3 - 1500E	208VAC, 60 Hz, single phase	1500	9	35	101	23 1/2 x 14 x 12 3/4 inches (HxWxD)
PC3 - 15003E	208VAC, 60 Hz, 3 phase	1500	8	35	100	23 1/2 x 14 x 12 3/4 inches (HxWxD)
PC3-1000-110**	110VAC, 60Hz, single phase	1000	14	>15	99	23 1/2 x 14 x 12 3/4 inches (HxWxD)

*Weights include built-in overspeed brake on the suspension wire rope.

** Some features vary, contact Power Climber for details.



U.S. patent No. 5,090,666. Patented in other major countries. Other patents pending.

Feature	Function	Benefit	Exceeds Standards	Industry Innovation
Clean, Contained Design	<ul style="list-style-type: none"> Engineered polymer covers protect components from debris and abuse Fast removal allows very easy inspection and serviceability 	<ul style="list-style-type: none"> Turn Service takes 10 minutes Eliminates cleaning with wire brush Saves downtime Saves repair labor expense 	✓	✓
Broad Operating Range: 170 to 229 run volts	<ul style="list-style-type: none"> Significantly improved performance at low voltage Proven reliable performance from 170 to 229 run volts Tested in 30 min continuous run tests 	<ul style="list-style-type: none"> Reduces service calls Extends electric component life Eliminates power-induced downtime Allows longer drops with yoked hoists Saves time & money 	✓	✓
Load Sensitive Traction	<ul style="list-style-type: none"> Applies only the traction needed to lift load, not full 1,000 lbs to 1,500 lbs lifting force on rope Virtually eliminates risk of wire rope jam 	<ul style="list-style-type: none"> Great tolerance of wire rope condition Saves wear and tear on rope, extends wire rope life Saves costly wire rope jam in field Minimum cost to repair rope jam in competitive models is \$980 per occurrence Eliminates rescue, wire rope destruction and lengthy service Saves time & money 	✓	✓
Mounted Electrical Components on Motherboard	<ul style="list-style-type: none"> All electrical components are mounted on motherboard, easily removed from 3 screws and 4 connectors Significantly improves electrical troubleshooting and repair See diagram at left 	<ul style="list-style-type: none"> Reduces jobsite repair to motherboard replacement for troubleshooting later Eliminates swapping out hoist or power pack Simplifies electrical service calls Eliminates need for advanced electrical skill from responder Moves diagnostic work off jobsite to more controlled shop conditions Reduces inventory cost of replacement components Reduces labor cost of service calls 	✓	✓
Designed for Service Efficiency	<ul style="list-style-type: none"> Durable engineered polymer covers protect more costly components Easy visual inspection and access Elegant design with fewer parts Stands upright on bench 	<ul style="list-style-type: none"> Turn Service takes 10 minutes Annual Service takes 1 hour 		✓
Low Voltage Indicator	<ul style="list-style-type: none"> Indicates proper voltage to unit Blinks at marginal voltage, goes out at voltage outside rated range 	<ul style="list-style-type: none"> Easy visual inspection can eliminate a service call Technician can diagnose voltage problem by phone Saves time and money 	✓	✓
Remote Ready	<ul style="list-style-type: none"> Built-in pendant port accepts plug-in remote control Compatible with 8-Q281 series remotes 	<ul style="list-style-type: none"> No need to drill and wire remote into hoist Leaves hoist mounted controls operable Saves time and money 	✓	✓
Built-In Overspeed Brake	<ul style="list-style-type: none"> Stops hoist in overspeed condition Can't be left in shop, bypassed or dismantled Can be manually activated 	<ul style="list-style-type: none"> Ensures greater operator safety Goof-proof reliability 		✓
Optional Built in Secondary Wire Rope	<ul style="list-style-type: none"> Allows use of secondary suspension wire rope for required applications (doubledeck, overhead protection, some industrial) or to eliminate independent safety lines at very minor additional cost Designed to mount into hoist for maximum durability and security 	<ul style="list-style-type: none"> More versatile hoist ready for any application Eliminates possible loss/damage as a built-in, rather than an add-on Saves money 	✓	
Optional Overload Kit*	<ul style="list-style-type: none"> Allows load to be shop-set to 750 lbs or to 1250 lbs on 1500 lbs models 	<ul style="list-style-type: none"> Reduces rigging material and labor Saves time and money 	✓	✓
Optional Top Limit Switch	<ul style="list-style-type: none"> Stops upward travel on contact with an overhead obstruction for PI or special applications 	<ul style="list-style-type: none"> Easy installation saves time and money 		
Suitable for Material Hoisting	<ul style="list-style-type: none"> Can be mounted at an angle to allow hoist to move material 	<ul style="list-style-type: none"> Extends use of hoist Saves cost of additional material hoist 		
Warranty	<ul style="list-style-type: none"> 2 Years 	<ul style="list-style-type: none"> Reduces financial risk of design/manufacturing defect 		

*Standard on Canadian hoists

Wire Rope Insertion Points
 Accepts 5/16", 8 or 8.4mm 5x26,
 6x19 or 6x31 wire rope

Carrying Handle
 Good weight/balance,
 allows for 2 handed or
 2 worker transport

**Overspeed Brake
 Reset Knob**
 (see inset)

Emergency Stop
 (Cuts off power)

**Overspeed Brake
 Test Button**

UP-Operation Button

DOWN-Operation Button

English/Spanish Labels

Remote Pendant Port

Low Voltage Indicator Light
 Shows power to hoist.
 Blinks at marginal voltage.

**All Operating Controls
 and Instructions on one side**

**Operator Manual
 Storage Location**

**Carrying
 Handle**



**Carrying
 Handle**

Controlled Descent Lever
 Allows downward
 travel at controlled
 speed without power

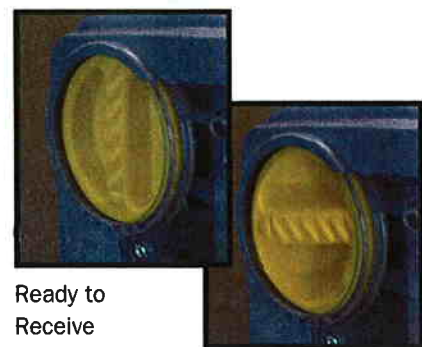
Hour Meter—Inside Electrical Box
 Records running hours for better
 maintenance interval planning

**Model Designation and
 Serial Number Information**

Carrying Handle
 Built into stability support
 that helps PC3 stand
 upright on workbench

Twist Lock Plug

**Wire Rope
 Exit Spring**



Ready to
 Receive
 Wire Rope

Overspeed
 has been
 tripped

Power Climber®

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or e-mail: powerclimber@safeworks.com

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