

PowerBoss®
The Power of Clean



Phoenix 30 & 34

Automatic Scrubbers

With one chassis and four interchangeable scrub decks to select from, the Phoenix 30 & 34 Automatic Scrubbers provide four model choices in one machine. Adaptable to meet your cleaning needs, the Phoenix 30 & 34 are available with two sizes of interchangeable scrub decks in 28" or 32" coverage, disc or cylindrical, and optional accessories.

Constructed of a steel frame and rotationally molded polyethylene tanks and bumpers, the Phoenix 30 & 34 are built to last. They are ergonomically designed for operator comfort and ease-of-use with one button scrub-smart control and an excellent line of sight due to its low profile. With outstanding maneuverability and standard large pneumatic studded tires, the Phoenix 30 & 34 can make effortless turns on their own axis while recovering all dispensed water.



Safety and Technology The Phoenix 30 & 34 are equipped with a "belly bar" that prevents the operator from being pinned behind the machine when in reverse mode. Also standard, is a color coded LED battery gauge that will let the operator know if any error code faults are coming from the on-board computer. This helps pinpoint any problem for quick and easy repair.

LED Battery Gauge/Error Code Display The LED battery gauge also acts as an error code indicator. The error code can help speed up repairs by pinpointing a technical problem and minimizing troubleshooting time.

Easy to maneuver and easy to use The Phoenix 30 & 34 are designed for operator comfort, safety and efficiency. User friendly control panels and "comfort zone" hand bails are convenient, easy and safe to use. Due to the low profile design, the operator has an excellent line of sight to the floor in front of the machine. The Phoenix 30 & 34 reduce operator fatigue and provide maximum maneuverability and cleaning efficiency.

Easy to understand control panel Five easy to understand icons are operated with the turn of a selector switch. A one-touch, directional lever, controls forward and reverse operation. The LED battery gauge lets the operator know when the batteries need to be charged.



Rear Squeegee Assembly The squeegee assembly utilizes a break-away design in case of impact. Removal of the assembly and the blades requires no tools and is quick and simple. The squeegee is self-tracking and picks up all dispensed water on every turn. The squeegee assembly automatically lowers when the machine is moving forward and raises automatically in reverse. Two caster wheels adjust to provide uniform blade deflection. The pitch of the assembly is also easily adjusted with a turnbuckle system. The front squeegee blade features a slotted and non-slotted blade for use on different floor types. The rear squeegee blade is four-sided for maximum extended use.



Standard Features

- Interchangeable four scrub decks on one chassis
- Removeable debris box on cylindrical scrub deck
- Fully variable solution flow rate
- Spray jets for cylindrical scrub deck, ensure uniform solution distribution on floor
- Disc brushes are center-fed to keep water and chemical contained with more contact time
- Two caster wheel adjustment ensures proper squeegee setting
- One piece, double wall, rotationally molded bumper can be easily removed for brush head access
- Dirty water drain hose extends to five feet, allowing drainage at the side, rear or front of scrubber
- "Belly Bar" to prevent the operator from being pinned against a wall while machine is in reverse
- Large 12" pneumatic tires grip the surface
- Key switch to ensure authorized personnel use only
- Hour meter
- LED battery gauge also acts as an error code warning system
- Large 31 gallon solution tank and 35 gallon recovery tank, provide for less emptying and refilling
- Squeegee swings from side to side, picking up all water on 180 degree turns
- 4" recovery tank clean out trap



Durable Construction The Phoenix 30 & 34 are made with a powder coated, epoxy painted, 11 gauge steel frame to resist corrosion. The tanks and bumper are constructed of a heavy-duty rotationally molded polyethylene. Rugged construction and reliability, a PowerBoss "hallmark", means that the Phoenix 30 & 34 scrubbers are built to last.

Choose From 28" or 32" Quick Change Brush Deck Sizes and Two Types of Brush Systems In both systems, the brushes are computer controlled to follow the contour of the floor. The operator controls the two brush pressure settings from the control panel. Removal of the disc and cylindrical brushes is easy and fast.

Disc Brush System The disc brush system utilizes one 1.5 HP motor with offset right-angle gear boxes to drive the brushes. The brushes are 14" and 16" and counter-rotate at 300 RPM. Cleaning solution is center-fed to the disc brushes.



Cylindrical Brush System The cylindrical brush system utilizes two 1 HP motors. Two brushes, either a 28" or 32", rotate at 900 RPM. Five quick disconnect spray jets uniformly disperse cleaning solution to the brushes. In addition, the cylindrical brush deck has a wet sweeping debris tray.



Specifications:	Phoenix 30	Phoenix 34
Scrub Path	28" (71 cm)	32" (81 cm)
Squeegee Width	47" (119 cm)	47" (119 cm)
Coverage Performance	25656 ft ² /hr (2383 m ² /hr)	33500 ft ² /hr (3112 m ² /hr)
Scrub Brush (Disc)	Disc: (2) 14" (35.5 cm)	Disc: (2) 16" (40.5 cm)
Scrub Brush (Cylindrical)	Cyl: (2) 27"-1/4" Offset (69 cm)	Cyl: (2) 31"-1/4" Offset (79 cm)
Brush Motor & RPM (Disc)	1.5 HP dual right angle 300 rpm	1.5 HP dual right angle 300 rpm
Brush Motor & RPM (Cyl)	(2) 1 HP 900 rpm	(2) 1 HP 900 rpm
Brush Pressure	2 settings: Regular & Heavy	2 settings: Regular & Heavy
Solution Tank	31 gallons (117 L)	31 gallons (117 L)
Recovery Tank	35 gallons (132 L)	35 gallons (132 L)
Tank Construction	Polyethylene	Polyethylene
Dimensions	(L X W X H) 66" X 34" X 46" (167cm X 86cm X 116 cm)	(L X W X H) 66" X 38" X 46" (167cm X 96cm X 116 cm)
Drive System	1/2 HP Transaxle	1/2 HP Transaxle
Vacuum	3/4 HP 3-stage Tangential Bypass	3/4 HP 3-stage Tangential Bypass
Pump	60 PSI	60 PSI
Wheels	(2) 12" Pneumatic (30cm), (2) 5" Casters (13 cm)	(2) 12" Pneumatic (30cm), (2) 5" Casters (13cm)
Frame	11 Ga. Steel	11 Ga. Steel
Controls	5-mode selector, Speed control, Solution control, Directional	5-mode selector, Speed control, Solution control, Directional
Brush Lifting Mechanism	Actuator	Actuator
Battery Pack	(6) 6-volt, 275 AH	(6) 6-volt, 275 AH
Transport Speed	230 feet/minute (70 m/min)	230 feet/minute (70 m/min)
Weight	1020 lbs (462 kg)	1030 lbs (467 kg)
Charger	36 Volt, 20 Amp, 120 VAC/230 VAC	36 Volt, 20 Amp, 120 VAC/230 VAC

Wheels: 12" Foam Filled or 12" 5 oft Ride Solid, Off-Axle Wand, Linatex Squeegee, Spring Loaded Casters

Options for both 30 & 34

PowerBoss is proud to be BLUE!

What does it mean to be BLUE?



- **Water Conservation** – Aqua-Stop saves water usage by 50%, water is released through a pump system providing greater control of water usage than gravity systems
- **Clean Air** - High-performance filter system dramatically reduces the release of dust and debris back into the air, dust vacuum ensures that dust is put directly into the hopper, bristle pattern on main broom increases dust control
- **Lower Emissions** – All gas and LP engines meet Tier 2 specifications, catalyst mufflers, battery operated available, diesel operated available, bio-diesel fuel can be used in Kubota engine
- **Safe Work Environment** – Orange machines are highly visible to others in the workplace, simple controls reduce operator error, one-button scrub, horn, fire in hopper indicator, effective braking system, "belly bar" prevents operator from being pinned behind machine when in reverse, parabolic squeegee picks up all water leaving the scrub path virtually dry for traffic, seat equipped with safety shut-off switch, also available: overhead guard, back-up alarm, warning beacon
- **Lower Energy** – Battery operated available, bio-diesel fuel can be used in Kubota engines
- **Blue Chemical Reliance** – Aqua-Stop saves chemical usage by 50%, pump system for water and chemical release allows for better control of chemical usage, chemical metering system is available as an option and regulates chemical usage to the correct dose

Features listed are general for PowerBoss equipment; each machine has different features and therefore, may or may not fill all of the features listed above.



Minuteman PowerBoss, Inc.
175 Anderson Street Aberdeen, NC 28315
Phone: 910-944-2105 Fax: 910-944-7409

Come Visit our Website at
www.powerboss.com