

Specifications for Admiral 28/32 Plus

Scrub path	28" (71cm) cylindrical or rotary disc 32" (81cm) cylindrical or rotary	Solution tank	32 gallon (121 liters)
		Recovery tank	38 gallon (144 liters)
Squeegee width	28: 30.5" rigid + soft ends= 33"(84cm) 32: 34.5" rigid + soft ends= 37"(94cm)	Dimensions (LxWxH)	63" x 30" x 54" (160cm x 76cm x 137cm)
Scrub brushes	28: (2) 14"(35.5cm) disc or (2) 27.25"(69cm) offset cylindrical 32: (2) 16"(40.6cm) disc or (2) 31.25"(79cm) offset cylindrical	Weight	1,242 lbs. (563kg) with batteries 822 lbs. (373kg) without batteries
Squeegee rear	Curved 4-sided, breakaway, caster guide, swing type	Wheels front	3.5" x 12" solid w/cross hatch tread
Squeegee side	Linatex blade attached to scrub deck to contain solution	Wheels rear	4" x 14" soft ride (10cm x 36cm) cross hatched tread
Brush pressure	Regular and heavy	Drive motor	1.2Hp traction drive with e-mag brake
Brush motors	Disc brush head: 28: 1.5HP dual right angle with gearbox, 300RPM 32: 2HP dual right angle with gearbox, 300RPM Cylindrical brush head: 2 – 1HP motors, 900RPM	Batteries	6 x 6 volt, 275AH
Scrub speed	Variable and programmable	Options	Rotating beacons, Linatex squeegee blade Off aisle wand kit 370AH battery pack Head lights
Linear speed	0-4MPH		
Vacuum motor	1HP, 3-stage tangential bypass		



**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
- **Safer 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
- **Clean Energy** – Battery operated available, bio-diesel fuel can be used in Kubota engines
- **Lower 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.*

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**Admiral 28/32 Plus**  
Rider Scrubber

## Admiral 28/32 Plus Rider Scrubbers are Compact and Durable Powerhouses!

### General Overview

- One innovative design produces four versatile models
- Choose from 28" or 32" scrubbing paths and choose from cylindrical or rotary disc scrub decks that are interchangeable on the same chassis
- Compact and maneuverable, the Admiral moves through tight spaces with ease while the operator rides in complete comfort
- The Admiral offers many outstanding standard features and many options to meet all of your scrubbing needs

### Productivity

- The Admiral cleans 42,360 to 45,450 sq. ft. per hour
- Six, 6 volt, 275 AH batteries provide several hours of run time on a single charge for maximum productivity
- Powerful scrub decks scrub and vacuum up solution in one pass leaving the floor immediately ready for traffic

### Ease of Use

- Single front wheel drive provides optimum traction and allows it to turn 360 degrees on its' own axis for on-the-spot maneuverability
- Cushioned safety seat is ergonomically designed for operator comfort
- Two-position column in operator compartment provides optimum operator comfort while climbing onto the machine
- Conveniently located control panel with a directional switch to regulate the forward and reverse direction of the scrubber
- Easy-to-read control panel with five position switch to control various functions
- The rear squeegee assembly utilizes a break-away design in case of impact and automatically lowers when the machine is moving forward and automatically raises in reverse



#### Durable Construction

Rectangular structural steel tubing (truck style full ladder frame) that is powder paint coated to resist corrosion.



1. All functions on - water flow, vacuum, squeegee and brushes set at HEAVY pressure
2. All functions on - waterflow, vacuum, squeegee and brushes set at REGULAR pressure
3. Water and brush only
4. Vacuum only
5. Transport only
6. Mode selector knob (five position)
7. Solution flow knob
8. LED battery level indicator meter and fault code indicator



#### Rear Squeegee Assembly

Removal of the assembly and the blades requires no tools and is quick and simple.



#### Optional Off-Aisle Wand

The optional on-board off-aisle wand is ideal for cleaning areas where the machine cannot go. Telescopic wand adjusts for operator comfort. The tool can also be conveniently attached to the rear of the machine and always available for use.

### 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. Side squeegees are attached to the machine scrub deck and channel the dirty solution to the rear squeegee, helping to contain it within the machine's cleaning path. The side squeegees raise and lower when the scrub deck is raised and lowered.

#### Disc Brush System



The 28" brush system utilizes one 1.5 HP motor while the 32" disc brush system utilizes one 2 HP motor. Both motors have offset right-angle gear boxes to drive the brushes. The brushes are 14" and 16" and they 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 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.

### Key Features

- Interchangeable scrub decks make this scrubber a versatile performer
- An LED battery indicator lets the operator know when it's time to charge the batteries
- Heavy-duty steel construction and rotationally molded polyethylene solution/recovery tanks mean that this scrubber is built to last
- Tilt steering and dual side entry
- See-through solution tank lid
- Removable debris box on the cylindrical scrub deck
- Three electronic brakes: E-mag, Dynamic, Plugging
- Fully variable solution flow rate
- Spray jets for cylindrical scrub deck ensures uniform solution distribution on floor
- Two caster wheel adjustment ensures proper squeegee alignment
- See-through vacuum motor cap for visual filter inspection

### Safety

- Cushioned safety seat will not allow the scrubber to move unless the operator is seated
- Polyethylene battery tray helps prevent acid spills and protects machine
- A 180 degree view from the operator seat makes operation a breeze with no blind spots
- Three electronic brakes for safety: E-mag, Dynamic, Plugging
- Self tracking squeegee leaves floor virtually dry in one pass and ready for traffic

### Markets

- Institutional
- Industrial
- Building service contractors
- Airports
- Retail

### Accessories/Options

- On-board off-aisle wand and squeegee tool
- 375 AH batteries available for longer run time
- Rotating beacons
- Linatex squeegee blade
- Head lights