

Minuteman PowerBoss SCV™ 28/32

Rider Scrubber

**Compact and
Durable Construction.
Agile Powerhouse.**

**One Innovative Design
Produces Four
Versatile Models.
Choose From 28" Or 32"
Cylindrical Or Rotary
Disc Scrub Decks.**



**Minuteman®
PowerBoss®**

www.powerboss.com

PowerBoss SCV™28/32 Rider Scrubber

Compact, Agile Powerhouse.

The compact and versatile Minuteman PowerBoss **SCV 28/32** rider scrubber is packed with power. Maneuvering through tight spaces with ease, the **SCV 28/32** cleans 42,360 to 45,450 sq. ft. per hour while the operator rides in complete comfort. The **SCV 28/32** features a single front wheel drive that provides optimum traction and allows it to turn 360 degrees on its own axis for on-the-spot maneuverability.

Optional On Board Off-Aisle Wand and Squeegee Tool

The **SCV™28/32** offers an optional on board off-aisle wand and squeegee tool ideal for cleaning areas where the machine cannot go. The telescopic wand adjusts for operator comfort. Compact and lightweight, the tool can be conveniently attached to the rear of the machine and always available for use.



Optional off-aisle wand shown.



1. All functions on - water flow, vacuum, squeegee and brushes set at **HEAVY** pressure
2. All functions on - water flow, vacuum, squeegee and brushes set at **REGULAR** pressure
3. Water and brush only - used for double-scrub
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

Operator's Compartment

The operator's compartment features an adjustable cushioned safety seat that will not allow the scrubber to move unless the operator is seated. The **SCV 28/32** has a two-position column that adjust to provide optimum operator comfort when climbing onto the machine. From the seat, the operator can see 180 degrees clearly – no blind spots. The control panel is conveniently positioned for the operator's use. A directional switch regulates the forward and reverse direction of the scrubber.

The **SCV™28/32** control panel consists of an easy to read, five position switch. This five position switch controls various functions for:

- Full function heavy brush pressure
- Full function regular brush pressure
- Double-scrub
- Vacuum only
- Transport mode

The control panel is also equipped with an LED battery indicator. Other easy to reach controls include the horn button, forward/reverse switch and On/Off key power switch.

Durable Construction

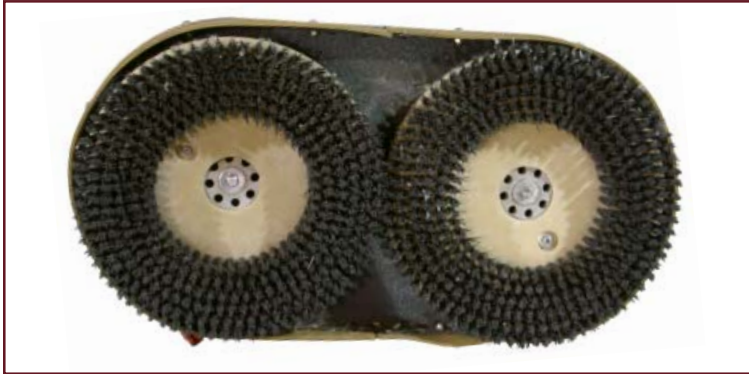
The **SCV™28/32** is constructed of a 1/8" x 2" x 4" rectangular structural steel tubing (truck style full ladder frame) that is powder paint coated to resist corrosion and a rotationally molded polyethylene solution/recovery tank.

The easy access battery compartment holds six, 6 volt, 275AH batteries that provide several hours of run time on a single charge for maximum productivity. Optional 370 amp hour batteries are available if a longer run time is needed. A polyethylene battery tray helps prevent acid spills and protects the machine.

Choose From 28" or 32" Quick Change Brush Deck Sizes and Two Types of Brush Systems

Disc Brush System

The 28" disc 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

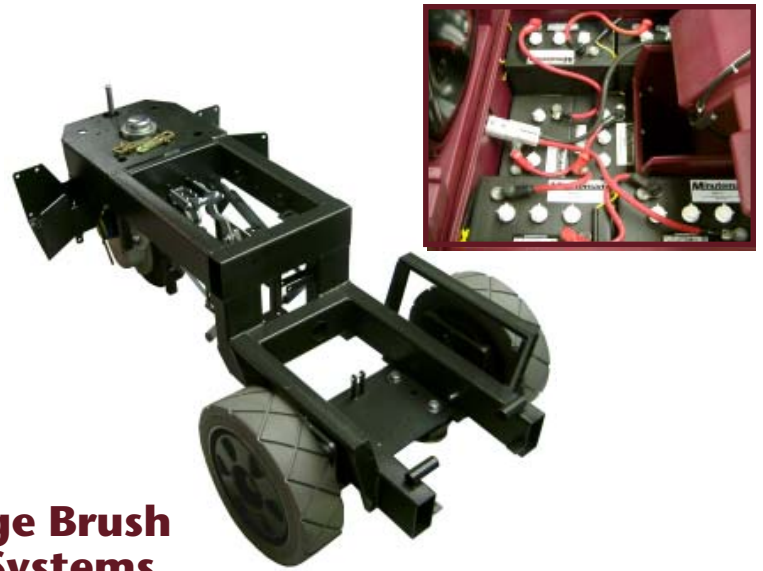
The cylindrical brush system utilizes two 1 HP motors. Two brushes, either 28" or 32", rotate at 900 RPM. Five quick disconnect spray jets uniformly disperse cleaning solution to the brushes. In addition, the cylindrical brush deck has a wet sweeping debris tray.



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 contain it within the machine's cleaning path. The side squeegees raise and lower when the scrub deck is raised and lowered.

Rear Squeegee Assembly

The squeegee assembly included on all models of the **SCV™28/32** is self-tracking, leaving the floor virtually dry in one pass and ready for traffic. The 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. Two caster wheels adjust to provide uniform blade deflection. The pitch of the assembly is also easily adjusted through 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 long wear. The squeegee assembly automatically lowers when the machine is moving forward and raises automatically in reverse.



PowerBoss SCV™28/32 Rider Scrubber

OUTSTANDING STANDARD FEATURES:

- Five position control panel
- Four interchangeable scrub decks on one chassis
- Tilt steering and dual side entry
- See-thru solution tank lid
- Cup holder
- Removable debris box on cylindrical scrub deck
- Three electronic brakes for safety: E-mag, Dynamic, Plugging
- Fully variable solution flow rate
- Spray jets for cylindrical scrub deck insures uniform solution distribution on floor
- Two caster wheel adjustment insures proper squeegee alignment
- See thru vacuum motor cap for visual filter inspection

SPECIFICATIONS

Scrub Path (4 to choose from)	28" (71cm) cylindrical or rotary disc 32" (81cm) cylindrical or rotary disc	Solution Tank Capacity	32 gallon (121 liters)
Squeegee Width:	SCV28: 30½" rigid + soft ends = 33"(84cm) total squeegee length SCV32: 34½" rigid + soft ends = 37"(94cm) total squeegee length	Recovery Tank Capacity	38 gallon (144 liters)
Scrub Brushes	SCV28: (2) 14" (35.5cm) Disc or (2) 27¼" (69cm) offset Cylindrical SCV32: (2) 16" (40.6cm) Disc or (2) 31¼" (79cm) offset Cylindrical	Off-Aisle Scrub System	Optional
Squeegee (Rear)	Curved, 4-sided, break-away, caster-guide, swing-type, no tools needed to change assembly or blades	Dimensions (LxWxH)	63" x 30" x 54" (160cm x 76cm x 137cm)
Squeegee (Side)	Linatex blade attached to scrub deck to contain solution and direct flow to rear	Weight	1,242 lbs. (563kg) with batteries 822 lbs. (373kg) without batteries
Brush Pressure	Regular and heavy	Wheels (Front)	3½" x 12" solid w/cross hatch (9cm x 30cm)
Brush Motor and Brush RPM	Disc brush head: SCV28: 1.5 HP dual right angle with Gearbox, 300 RPM SCV32: 2 HP dual right angle with Gearbox, 300 RPM Cylindrical brush head: (2) 1 HP Motors, 900 RPM	Wheels (Rear)	4" x 14" soft ride (10cm x 36cm) cross hatch non-marking gray
Scrub Speed	Variable and programmable	Drive Motor	1.2 HP traction drive with e-mag brake
Linear Speed	0-4 MPH	Batteries	(6) 6 volt, 275AH
Vacuum Motor	1 HP, 3-Stage tangential bypass	Options	Rotating beacons, Linatex squeegee blade, Off aisle wand kit, 370AH battery pack, Head lights

Specifications are subject to change without notice.

Minuteman®
PowerBoss®

World Headquarters
Minuteman International, Inc.
A Member of the Hako Group of Companies
111 South Rohlwing Road
Addison, IL 60101-4244
Telephone: (630) 627-6900
Fax: (630) 627-1130
www.minutemanintl.com

Minuteman PowerBoss, Inc.
175 Anderson Street
Aberdeen, NC 28315
Telephone: (910) 944-2105
Fax: (910) 944-7409
www.powerboss.com

Minuteman is a full line manufacturer of maintenance products including critical filter vacuums, industrial and commercial vacuums, sweepers, scrubbers, floor and carpet machines, PowerBoss® sweepers and scrubbers, Parker Sweeper® Litter Vacs and Multi-Clean® chemicals for industrial, commercial, and institutional facilities.

