

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[®]

PowerBoss SCV™28/32 Rider Scrubber

Compact, Agile Powerhouse.

The compact and versatile PowerBoss **SCV™28/32** rider scrubber is packed with power. Maneuvering through tight spaces with ease, the **SCV™28/32** cleans 40,500 to 44,000 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. Standard dual headlights and backup alert insure visibility and safety for the operator and bystanders.

On Board Off-Aisle Wand and Squeegee Tool

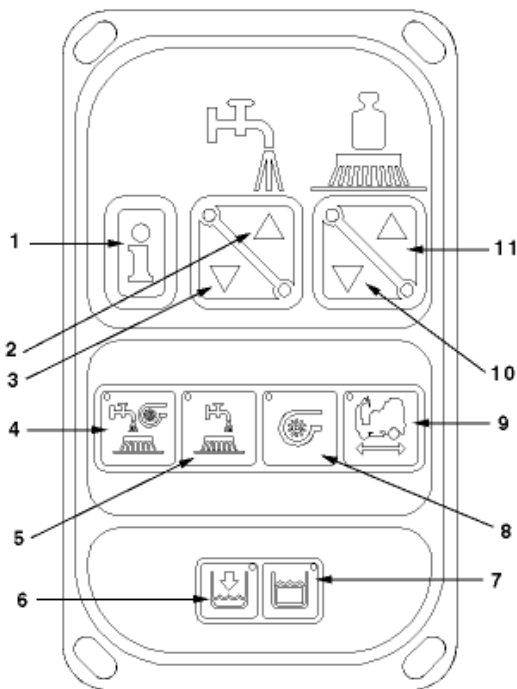
The **SCV™28/32** comes standard with an on board off-aisle wand and squeegee tool ideal for cleaning areas where the machine cannot go. The telescopic wand adjusts for operator comfort. Compact and lightweight, the tool is conveniently attached to the rear of the machine and always available for use. A simple flip of the vacuum diversion lever (holds the tool when not in use) and activation of the rocker switch turns on the power to the tool.



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 five-position tilt steering wheel and 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 and LCD screen are conveniently positioned for the operator's use. A directional switch regulates the forward and reverse direction of the scrubber while a descriptive icon appears on the display screen.

The **SCV™28/32** touch pad control panel consists of easy to read and understand display buttons that controls various functions for: brush pressure, water flow, vacuum, squeegee, transport mode and solution/recovery tank indicators. The Information button controls the LCD screen (located above the steering wheel) which provides the operator with feedback on traction, traction motor hours, direction (forward and reverse), battery status, brush pressure, brush motion, brush hours, vacuum status and water flow. Other easy-to-reach controls include the horn button, forward and reverse switch, On/Off key power switch, light switch and the off-aisle pump switch.



1. Information button
2. Decrease waterflow
3. Increase waterflow
4. All functions on water flow, vacuum, squeegee and brushes
5. Water and brush only; used for double-scrub
6. Low solution indicator
7. Recovery tank full indicator
8. Vacuum only; used for solution pickup
9. Transport only; no solution or brushes
10. Increase of brush pressure
11. Decrease of brush pressure

Durable Construction

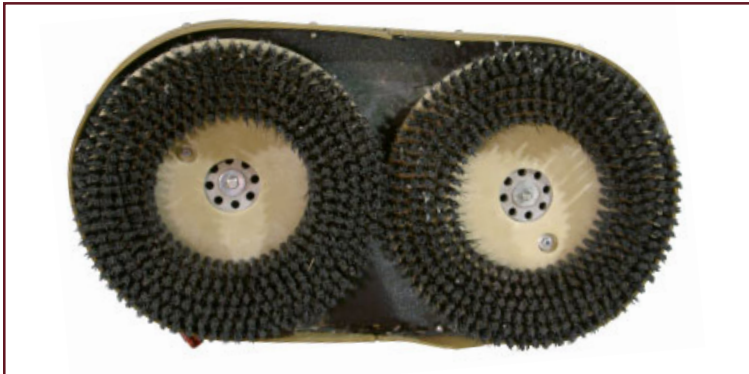
The **SCV™28/32** is constructed of a 1/8" x 2" x 4" rectangular structural steel tubing (truck style full ladder frame) that is powder paint coated to resist corrosion and a rotationally molded polyethylene solution/recovery tank.

The easy access battery compartment holds six, 6 volt, 370AH batteries that provide several hours of run time on a single charge for maximum productivity. A polyethylene battery tray helps prevent acid spills and protects the machine.

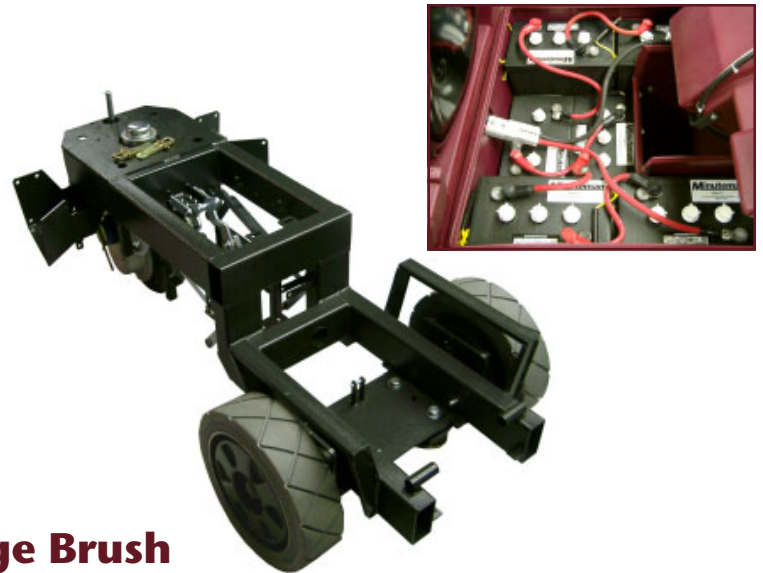
Choose From 28" or 32" Quick Change Brush Deck Sizes and Two Types of Brush Systems

Disc Brush System

The 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 they counter-rotate at 300 RPM. Cleaning solution is center-fed to the disc brushes.

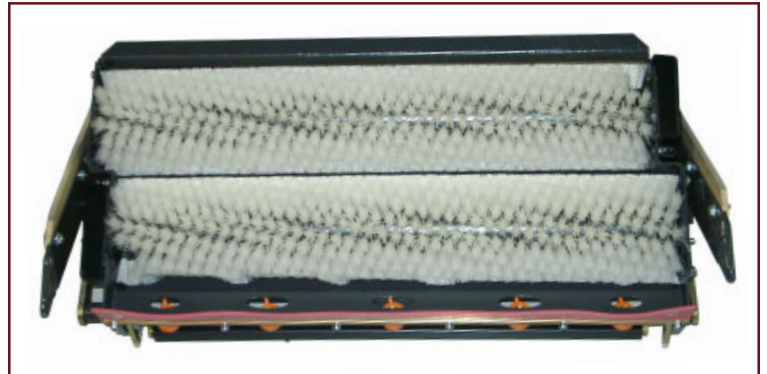


In both systems, the brushes are computer controlled to follow the contour of the floor. The operator controls the five brush pressure settings from the control panel. Removal of the disc and cylindrical brushes is easy and fast. Side squeegees are attached to the machine mainframe and channel the dirty 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.



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.



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.

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OUTSTANDING STANDARD FEATURES:

- On board off aisle wand kit
- LCD screen
- Four interchangeable scrub decks on one chassis
- Dual, tilt steering and dual side entry
- See-thru solution tank lid
- Cup holder
- Removable debris box on cylindrical scrub deck
- Rear wheel drum brakes in addition to front drive e-mag and dynamic braking
- 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	On board brush/squeegee tool, hose and telescopic wand
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)	Gum rubber blade attached to scrub deck to contain solution and direct flow to rear	Weight	1,495 lbs. (678kg) with batteries 793 lbs. (360kg) without batteries
Brush Pressure	5 Variable Settings: Light - 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	0-6 MPH	Batteries	(6) 6 volt, 370 AH
Vacuum Motor	¾ HP, 3-Stage tangential bypass	Options	Rotating beacons, Linatex squeegee blade

Specifications are subject to change without notice.

Minuteman®

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