

PowerBoss® TSS/82

A Total Sweeper/Total Scrubber in One Convenient Mid-Sized Machine

Large, easy-to-fill and easy-to-empty polyethylene solution and recovery tanks

Rugged, high-performance, liquid-cooled engine is transverse-mounted for stability and ease of access



Choice of low- or multi-level high-dump debris hopper, up to 60 inches



A standard automatic squeegee-lift feature protects the squeegee assembly when backing up

An optional heavy-duty guard protects the side brush assembly in extra-tough environments

- The 54-inch sweep path handles up to 158,400 square feet per hour
- Aggressive 50-inch wide disc brush scrub path with optional side brush
- Fourteen cubic foot high-dump hopper holds 1000 pounds of trash and debris
- Rugged high-density polyethylene tanks won't rust and leak – five year warranty



Positive-sealed, quick-change panel filters for nearly dust-free sweeping. Two electric shakers clean filters.

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PowerBoss® TSS/82

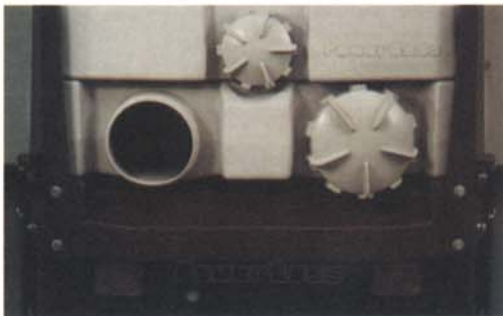
POWER FEATURES



Automatic solution fill with a full-tank shutoff valve saves time and energy; just attach the hose and leave it.



Standard power steering provides maximum comfort and ease of operation during full-shift sweeping and scrubbing.



Oversized cleanout ports with simple screw-on caps facilitate recovery tank draining and sludge removal.

- Dust-controlled, direct-throw sweeping
- Four-cylinder, liquid-cooled engine
- Large capacity 68-gallon solution tank, 65-gallon recovery tank
- Head, tail, instrument lights standard
- Parabolic squeegee leaves floor virtually dry
- Many options available to meet your needs

Minuteman®

PowerBoss®

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GENERAL SPECIFICATIONS

Subject to change without notice.
(Metric shown in parenthesis.)

POWER - Transverse, mid-engine design. 53 HP (39.6 kw), 4-cylinder, liquid-cooled gasoline engine. Electric start, 12-volt battery. Eight-gallon (30.3 liters) gas tank. Optional: L.P. gas or 32 HP (23.9 kw), 3-cylinder, liquid-cooled diesel engine. 4-core radiator standard on all models.

FRAME - Unitized construction featuring 3/16-inch (4.8 mm) steel plate; reinforced at stress points.

DRIVES - Hydraulically-driven rear wheel. Variable speeds to 8 mph (12.87 km/h). Main and side brooms, scrub brushes, vacuum impeller, and hopper dump are hydraulically operated.

STEERING - Standard power steering through rear tire.

SWEEP PATH - 54-inch (1372 mm) sweep path including side brush.

SWEEPING COVERAGE - 158,400 sq. ft. (14,717 m²) per hour based on 54-inch (1372 mm) path at 7-1/2 mph (12.07 km/h) with 6-inch (152 mm) overlap.

SWEEPING BRUSHES - Main Broom: 42-inch (1067 mm) cylindrical, one-piece plastic core disposable runs at constant RPM. Raised and lowered from operator compartment. Floats for uneven surfaces. Adjustment for pressure, wear. Side Brush: 24-inch dia. (610 mm) rotary, one-piece disposable. Bumper protected. Adjustment for angle, pressure and wear.

VACUUM SYSTEM - Fully-enclosed, positive-sealed, quick change panel filters. 100 sq. ft. (9.29 m²) of filtering area. High volume 9-inch (229 mm) impeller provides constant air flow. Air is expelled outside engine compartment. Filter cleaned with two electric shakers.

DEBRIS HOPPER - 14 cu. ft. (0.39 m³); holds up to 1000-lbs. (454 kg). Low-dump or multi-level high-dump up to 60-inches (1524 mm).

SCRUB PATH - 42-inch (1067 mm) scrub path or 50-inch (1270 mm) path with optional side scrub brush.

SCRUBBING COVERAGE - 67,000 sq. ft. (6,225 m²) per hour based on a 42-inch (1067 mm) path at 4 mph (6.4 km/h) with 4-inch (102 mm) overlap or 77,500 sq. ft. (7,200 m²) per hour with optional side scrub brush.

SCRUBBING BRUSHES - Three rotary 14-inch (356 mm) OD quick-change brushes are hydraulically driven. Side scrub brush optional.

SOLUTION TANK - 68-gallon (257 liters) capacity with automatic water shutoff. Non-rusting high-density polyethylene-five year warranty. Optional stainless steel.

RECOVERY TANK - 65-gallon (246 liters) capacity. Non-rusting high-density polyethylene-five year warranty. Flexible drain hose and oversized cleanout ports provide easy emptying and cleaning. Optional stainless steel.

VACUUM PICK-UP - High-speed 9-inch (229 mm) impeller provides water pick-up through rear squeegee.

SQUEEGEES - Rear: One 44-inch (1118 mm) parabolic squeegee. Quick-change rubber. Side: Two floating side squeegees on either side of scrub head.

SQUEEGEE ASSEMBLY - Rear and side squeegees remove from machine in minutes. No tools required.

CONTROLS - Operator controls all functions of sweeping and scrubbing and debris disposal while seated. Instant forward, reverse and braking using one pedal. Front pedal-activated emergency/parking brake.

INSTRUMENTS - Ammeter, hour meter, electric fuel gauge, oil pressure, water temperature.

TIRES - Front: Two 16-inch (406 mm) OD industrial solid. Rear: One 16-inch (406 mm) OD industrial solid. Tire options available.

WEIGHT - Net: 2900-lbs. (1315 kg).
Shipping: 3300-lbs. (1497 kg).
All approximate.

DIMENSIONS - Length: 119-inches (3023 mm).
Width: 54.12-inches (1375 mm)
Height: 57-inches (1448 mm)
With overhead guard: 87-inches (2210 mm).
With cab: 83.50-inches (2121 mm).

OPTIONS - Ask your local Distributor for a wide range of options.

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.

powerCLEAN

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