



Keeping Cities Neat and Healthy

Madvac PS300



Allianz Madvac - The benchmark for sweeper quality

48

HOUR

USA AND CANADA
PARTS SHIPMENT

30

THOUSAND

PARTS IN STOCK
WORLDWIDE

125

STRONG

WORLDWIDE
CUSTOMER SERVICE
NETWORK

Madvac is a leading manufacturer of outdoor surface cleaning equipment. We are unique among vacuum litter collector manufacturers in that our comprehensive range of machines means we are able to offer the right product for your application—whatever you are trying to clean.

The Madvac PS300 is designed to deliver industry-leading sweeping technology:

- Ease of use
- Outstanding performance
- Reliability, durability
- The lowest possible cost of ownership

With durable, rugged construction, high performance suction and a design that meets international safety and environmental standards, the PS300 sets the global benchmark for sweeper quality.

The Friendliest Sweep

Expertly designed to meet the cleaning challenges of today's busy streets, the new PS300 pedestrian-friendly sweeper is a high-profile, cost-efficient cleaning machine that safely and effectively cleans city sidewalks, walkways and streets. It even gets into confined places.

Local businesses like the PS300 because it creates a clean and healthy environment that attracts customers.

The Visible Sweep

Now you can safely sweep next to pedestrians, cleaning up litter as it occurs. With its sleek, modern styling, programmable voice messaging system and personalized graphics, this sweeper raises your profile, letting citizens and local businesses know just how serious you are about their environment.

RIGHT
Madvac
*A cleaner
environment for
everyone*





ABOVE
Quiet and
environmentally
friendly

PS300 - Powerful, reliable workhorse

The clean sweep

- People-friendly sweeper
- Versatile, easy and effortless operation
- Highly visible and popular
- Reliable, quiet, powerful workhorse

The cleanest sweep

- Filter dust to an unbeatable 2 microns
- Keeps operator and passerby dust-free
- Sweeps, vacuums and sanitizes surfaces
- Uses powerful, reliable low-emission diesel

For sweeping, disinfecting and sanitizing sidewalks, walkways, plazas, public markets, alleyways and other areas with high pedestrian traffic, there's nothing quite like the PS300! Madvac machines are used worldwide because: They work. They last. They pay for themselves. Fast!

RIGHT
Deluxe fixed seat, travels
up to 6.5 mph (8.8km/h)



ABOVE
Light enough to clean
delicate cobblers

BELOW
Easy access with 48 in.
(1.20m) sweeping width and
34 in. (864mm) wide body.

BOTTOM
Wanderhose for hard-to-
reach places. Easy access to
tree wells, telephone booths,
bus shelters and between
parked cars.



Madvac PS300 - The Reliable Sweep

Patented 2-micron dust filtration

- State-of-the-art dust filtration system
- Over 265 sq. ft. (25m²) of dust filtering material
- Keeps operator and pedestrians dust free
- Fights non-point source water pollution
- No need to dampen trash

Speed for greater productivity

- Travels up to 6.5 mph (8.8 km/h)
- Runs 8 to 10 hours on a single tank of diesel
- Work uninterrupted shifts for higher productivity
- Optional hydraulic high side hopper dump system
- One touch up/down brushes and vacuum head

Easy access for quick maintenance

- Easiest engine access in the industry
- Quick access for routine maintenance
- Faster and easier to clean, saving time and money

Wanderhose for hard-to-reach places

- Free access to tree wells, telephone booths, bus shelters, between parked cars, etc.
- 8 ft. hose, controlled from the console. The lever-operated vacuum diverter redirects all air suction to wanderhose.

Sweeps and compacts

- Patented straight-through suction compacts litter
- Fully-sealed, high-capacity waste container
- Sweeps up sand, fast-food waste, metal straps and other awkward litter other machines leave behind





Unlike similar machines, the PS300 features a rear-mounted engine, keeping the radiator, oil cooler and air intake away from dust-ingestion. This fosters longer engine life and better overall performance.



TOP
Quick release fold and stow seat with mirrors.

ABOVE
User-friendly controls

Vacuum System

Engine



Disinfects as it sweeps

- Combination water/disinfectant jet-spray
- Dampens dust as it sweeps
- Disinfects soiled surfaces
- Spot-scrubs tough stains
- Removes animal waste hygienically

A clean sweep

- Free-floating, self-levelling brush/nozzle system
- Cleans cobblestone, brick, cambered road and other uneven surfaces
- Sweeps a path 48 in. (1.20m) wide

Powerful, reliable workhorse

- 14 hp Kubota liquid-cooled diesel engine
- Quiet and economical
- Rugged reliability and extremely low emission levels

The fan that won't jam™

- Litter can't get through or damage the impeller fan
- Fan can't get shot with grit
- Lifetime warranty on the fan casing



RIGHT
Hydraulic side dump

PS300 Pedestrian Sweeper Specifications

Vehicle

Engine: Low-emission Kubota Z482-E twin-cylinder, 479-cc liquid-cooled diesel engine producing 13.9 BHP (10.4 kw). Electric starter.

Rear-mounting keeps the engine and radiator clear of obstructions, ensuring superior cooling, engine longevity and easier access for routine maintenance.

Transmission: Hydrostatic drive system. Piston pump with infinitely variable displacement in both forward and reverse. Two wheel-motors.

Break system: Dynamic braking on hydrostatic transmission. Hand-operated parking brake with automotive-type disc brake on drive wheels.

Electrical system: 12-volt with 40-amp alternator and heavy-duty battery

Lighting system: Two front headlights, strobe light, rear/side lights.

Safety system: Horn, *back-up alarm, *soft reverse, emergency shut-off switch, *diesel safety shutdown.

Air filter: Donaldson-type high-capacity cyclonic air cleaner.

Instruments: Ammeter, hour meter, electric fuel gauge, oil pressure, water temperature. Emergency shut-off switch.

Fuel: Diesel held in 2.64 US gallon capacity (10 L) tank with electric fuel gauge.

Tires: Two 16-inch 4.80/8-B sawtooth tires.

Hydraulic stabilizer wheel: Keeps front brushes in contact with the surface on steep inclines up to 38% gradability.

Ground speed: Infinitely variable speed from 0 to 6.5 mph (0 to 10.5 km/h) in forward, and 0 to 3 mph (0 to 5 km/h) in reverse. Right and left-handed speed controls.

Finish: Double-layer baked powder coating electrostatically applied.

Vehicle

Frame: Square structural steel tube 1.5 in. X 1.5 in. (38 mm X 38 mm) of 14-gauge steel reinforced at stress points. Fully welded 14 and 18-gauge steel sheet, reinforced at stress points.

Design: Provides easy access to engine components for easier routine maintenance and superior productivity.

Quick daily washdown reduces end-of-shift procedures.

Sweeping and vacuuming

Vacuum system: Litter does not pass through the vacuum fan. Patented straight-through suction with no restrictions. Vacuum air-stream flows through the collection bag in which the litter is compacted.

Collection capacity: Large capacity container holding a 40-gallon disposable or re-usable collection bag in which 60 gallons of litter is compacted. Quick access for bag change.

Pick-up system: Vacuum fan mounted directly on the main engine. High-performance fan with speeds ranging from 0 to 2,800 RPM.

Static pressure: 30-inch water pressure gauge at closed inlet.

Two-stage dust filtering system: 1st stage – Fibrous collection bag filters dust and debris. 2nd stage – Four washable, heavy-duty, quick-change panel filters provide an area of 265 square feet (25 m²) filtering particles up to approximately *2 microns and ensuring the machine's optimal performance. Standard filters are 10 microns.

Disinfectant system: Pump sprays water solution directly onto the front brushes, and a fine mist in the litter container.

Water system: Balanced on the center of gravity, a molded 13 US-gallon (50 L) water tank features built-in filters and water drain.

Sweeping and vacuuming

Brushes: Operator-controlled 18-inch (457 mm) diameter variable-speed, self-leveling polypropylene brushes. Retractable for transport, their height can be adjusted for pressure and wear.

Sweeping width: Two (2) brushes covering a total width of 48 inches (1.20 m).

Fan and Casing: Covered by a lifetime warranty

*Options

Hopper hydraulic highside dump

Wanderhose: 8 feet long. Controlled from the console, the lever-operated vacuum diverter redirects all air suction to wanderhose. Optional one-touch hydraulic open/close wanderhose diverter.

One-touch hydraulic up/down brushes and vacuum head.

Fold-away ride-on seat, with mirrors

Programmable customized voice messaging system

2 micron panel filters

Dog excrement vacuum system

Catalytic converter

Custom colors and graphics

Dimensions

Length: 99 in. (2,515 mm), 119 in. (3,023 mm) with ride-on seat.

Width: 34 in. (864 mm)

Height: 44 in. (1,118 mm)

Weight: 1,143 lb. (520 kg) wet

Warranties

1-Year Parts and Labor Warranty

Lifetime Warranty on Impeller Fan and Casing

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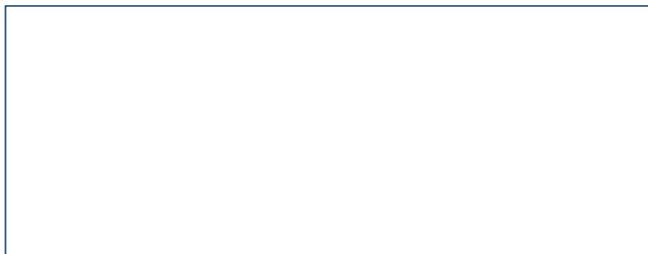
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Your local Madvac Dealer is:



**Call today for a
free catalog, video
or demonstration.**

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1-800-862-3822**