



All-Wheel Drive Outdoor Vacuum

Madvac 101



Allianz Madvac - The benchmark for vacuum collector

48

HOUR

USA AND CANADA
PARTS SHIPMENT

30

THOUSAND

PARTS IN STOCK
WORLDWIDE

125

STRONG

WORLDWIDE
CUSTOMER SERVICE
NETWORK

Madvac is the world's leading manufacturer of outdoor surface cleaning equipment. We are unique among vacuum 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.

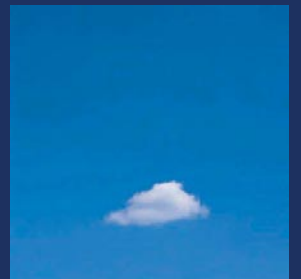
The Madvac 101 is designed to deliver industry-leading vacuum litter collecting technology:

- 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 all international safety and environmental standards, the 101 sets the global benchmark for vacuum litter collector quality.

Available in custom colors and graphics to advertise your efforts.

RIGHT
Madvac
*A cleaner
environment for
everyone*



For vacuum litter collecting sidewalks, walkways, plazas, public markets, alleyways and other areas with high pedestrian traffic, there's nothing quite like the 101! Madvac machines are used worldwide because: **They work. They last. They pay for themselves. Fast!**

RIGHT
2-micron dust filtration

FAR RIGHT
Weather shield /
Roll-over protection



ABOVE
New robotic
arm controlled
via a joystick

The friendly vacuum litter collector

Efficient Cleaning

Expertly designed to meet the cleaning challenges of today's busy streets, the Madvac 101 is a high profile, cost-efficient cleaning machine that safely and effectively cleans city sidewalks, parks and streets. It even gets into confined places.

Exclusive patented power assisted vacuum arm

- **Up / Down control switch** located on a vacuum arm results in easier operation eliminating fatigue and potential for workers' compensation claims.
- **270-degree hose movement with 24 sq.ft. (2.2 m³) working area** – Industry-leading accessibility to litter

Safety comes first

- **R.O.P.S. – Roll Over Protection System** provides extra measure of safety. Certified OSHA 1926.1001.
- **340 degree rear visibility** – Lessens chance of serious accidents
- **Cab enclosure** – keeps you dry and comfortable
- **Heavy-duty coil spring rear suspension**
 - Means more comfort, better traction and a safer ride.
- **Complete road lighting and signaling package**
 - it's street legal.
- **All wheel drive (option)** – the first and only real off-road litter machine

Protect your environment

- **Advanced 2-micron dust filtration**
 - Keeps you, pedestrians and your environment clean
- **Water dust suppression system**
 - 20 gal. (75 liters) capacity injects water into litter container
- **Noise suppression pack**
 - Only machine that quietly meets OSHA noise standards for continuous 8-hour shifts.



ABOVE
Madvac 101
3-Wheel



ABOVE
Handle tight spots
with ease



ABOVE
Superior rear
visibility

The Madvac Advantage

Protect your environment

Now you can safely vacuum collect next to pedestrians, cleaning up litter as it occurs. This vacuum litter collector raises your profile, letting citizens and local businesses know how serious you are about improving their environment.

Innovative ergonomics

- **Ergo design vacuum handle**
 - Adjustable position for effortless use
- **High operator seating** – For superior visibility and ease of hose movement
- **Full instrumentation** – Easy to read control panel gauges

Industry-leading performance

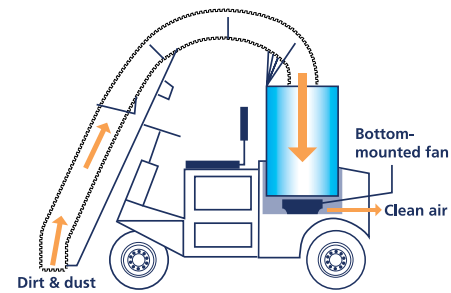
- **Up to 16 mph (25km/h) road speed**
 - Cover more area in less time
- **Front wheel drive** – 20" (508 mm) drive wheels climb 7" (178 mm) curbs with ease
- **2900 CFM Vacuum Rating**
 - Industry leading vacuum picks up the heaviest litter!
- **On/Off Road** – Access litter on grass-covered grounds, asphalt or concrete
- **Unequaled suction** – Unrestricted airflow due to 2-stage litter and dust filtration-litter never blocks the filter
- **All welded heavy gauge structural steel frame** – built to last

Efficient, fast collection

- **Vacuum compacts litter at approx. 2:1 ratio** resulting in 100-120 gallons (378-454 L) into a single heavy-duty disposable / re-usable bag. Due to its patented straight-through suction system, litter is easily collected up to 6 times faster than manual litter picking.

Engineered for greater productivity

- **48" (1.2 m) wide vacuum head** cleans 105,00 sq.ft. (14,000 m²) / per hr.
- **Patented Power arm** makes litter picking effortless and injury free
- **Bagless debris system** - Offers choice of off-the-shelf standard garbage bag or re-usable collector bag - for easy 30 sec. bag changes
- **15 ft. (4.5 m) wanderhose hose** – Permits litter retrieval in hard-to reach areas.
- **4 or 3 wheel configuration** – 85" (2.2 m) overall length allows cleaning in areas inaccessible to other machines
- **Lifetime Warranty Fan** – Patented "No litter touches fan" technology eliminates wear, tear and down time.



ABOVE
Patented Straight-Through suction



FAR LEFT
Access litter on grass covered ground, asphalt or concrete.

CENTER
Easy curb-climbing

LEFT
270 degree hose mobility

Options & Accessories

Madvac offers a full range of accessories aimed at making the operator's job more effective & productive.

36/48 Inch Vacuum Head Assembly

A 36 or 48 inch (0.9 - 1.2 m) vacuum head - hydraulic raise/lower features dual VacPort for increased ground coverage in a single pass.

Cab Enclosure

Overhead guard mounted on OSHA certified 1926.1001 R.O.P.S. with front windshield, complete with wiper. Available on 3 or 4 wheel versions.

5" x 15' Retractable Wanderhose

Handheld hose extension features retractable hose that stores onboard to permit litter collection from hard to reach areas. Vacuum diverter delivers 100% vacuum suction to the extension hose.

Leaf Collection System

The high capacity leaf collection hopper is specifically designed for large volume leaf and light trash pick-up. It is ideally suited for fast and economical clean-up after major events in stadiums or outdoor festivals. The hopper has 2 cu. yd. (1.5m³) capacity, durable black polyethylene with filtering cover.

Snow/Sand Broom

48 inch powerful sweeping action snow/sand broom with hydraulic raise/lower from operator's position for on-the-fly engagement and also features pivot angle adjustment.

Dual-side Gutter Broom

Dual-side gutter broom with 48 in. vacuum head for increased ground coverage in a single pass is raised and lowered from operator's position for on-the-fly engagement. 48 in. vacuum head — hydraulic raise/lower features dual VacPort.

RIGHT
Leaf collection system designed for large volume leaf collection and light trash pick-up.



FAR RIGHT
48 inch powerful sweeping action snow/sand broom



PICTURE
Unequalled suction with straight through suction system



ABOVE
36/48 Inch Vacuum Head Assembly



ABOVE
Cab enclosure



ABOVE
5" x 15' Retractable Wanderhose

Fenceline nozzle elbow ■ Ultraseal tire flatproofing ■ Broom & Rake Holder ■ Fire extinguisher ■ Diesel safety shut-down ■ Emergency stop button ■ Catalytic converter (exhaust purifier)

101 Vacuum Litter Collector Specifications

Engine Kubota Diesel, 28 hp, liquid-cooled Kohler Gasoline, 31 hp, liquid cooled Ford Propane, 36 hp, liquid-cooled Fuel capacity: 10.6 gallons (40 L) Air cleaner: 2 stage, Donaldson w/ restriction indicator	Vacuum System Vacuum rating: 2,900 CFM Air flow speed: 8,400 Ft/Min. Static pressure @ closed inlet: 30 in. of water gauge Impeller fan: Hydraulically driven, cast alloy statically & dynamically balanced centrifugal fan	Electrical System 12 volt, 40 Amp alternator (35 Amp, Gas) All fused circuits Color-coded wiring w/ weather proof connectors
Dimensions Width: 48 in. (1219 mm) Length: 84 in. (2133 mm) Height: 96 in. (2438 mm) Wheelbase: 63 in. (1600 mm) Ground clearance: 8 in. (203 mm)	Frame/Body Heavy gauge steel body on a welded 1/8" structural steel tube frame Twin lockable storage compartments Electrostatic powder coat paint, factory white	Controls Key start w/ electric shutoff Vacuum fan on/off Gauges: Hourmeter, ammeter, fuel, water temperature
Hydraulic System Tank capacity: 12 gallons (45 L) w/ internal baffles for improved cooling Hydraulic Cooler: Hayden, fin type Steering: Automotive type, power assisted Drive system: Heavy duty Eaton hydrostatic, w/ variable displacement piston pumps Auxiliary system: double gear pump for fan motor & power ass't vacuum hose option	3 Wheel Road speed: 0-12 mph (19.2 km/h) forward, 0-4 reverse (6.5 Km/h) Drive: Twin rear wheel motors Tires: (3) – 18 x 8.50-8, 4 Ply Brakes: Hydrostatic rear, drum brake on front, mechanical parking brake Suspension: Coil spring suspension absorbers on front axle Weight: 1700 lbs (770 Kg.)	Warranty 1 year 100% warranty. Lifetime fan and fan casing warranty
Litter collection system Litter capacity: 100-120 gallons Litter container size: 60 gallons (227 L) Type: " Flow through " system w/ approx. 2:1 compaction ratio Container construction: 18 gauge galvanized steel Vacuum Hose: 8 in (203 mm) diameter, reinforced, twin gas strut assisted Bags: Reusable, fibrous polypropylene	4 Wheel Road speed: 0-16 mph (25 km/h) forward, 0-4 mph (6.5 Km/h) reverse Drive: Front wheel drive, Optional Four-wheel drive Tires: (4) – 20 x 8.50-10, 4 Ply radials Brakes: Hydrostatic front, disc brake on rear, mechanical parking brake Suspension: Multi layer transverse leaf springs on a torsion beam axle Weight: 2,060 lbs (935 Kg.)	Optional equipment Hydraulic power assisted vacuum arm All-wheel drive Rear coil spring suspension shock absorbers Neutral safety start switch OSHA certified 1926.1001 R.O.P.S. with weather shield Cab enclosure with 4 post R.O.P.S 2-micron or 10-micron panel dust filtration Road lighting package 36 or 48 in. (915 mm or 1219 mm) vacuum head nozzle assembly 15' retractable wanderhose Fence line elbow Leaf collection system and hopper Sound suppression pack 31 hp Turbo diesel Custom Paint Colors Back up alarm and lights

Your local Madvac Dealer is:

Call today for a free catalog, video or demonstration.

Call TOLL FREE: 1-800-862-3822

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