

MADVAC



MADVAC 101

An effortless clean

The friendly vacuum litter collector

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, walkways, parks and streets. It even gets into confined places.

The visible vacuum litter collector

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. Available in custom colors and graphics to advertise your efforts.

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



Superior rear visibility



270 degree hose mobility



Cab enclosure for maximum comfort

Protect your environment

- **Advanced 2- micron filtration** - Keeps you, pedestrians and your environment clean
- **Noise suppression pack** - Only machine that quietly meets OSHA noise standards for continuous 8 hour shifts.



2 - micron dust filtration



Handle tight spots with ease

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.



The MADVAC Advantage

Industry-leading performance

- **Up to 16 mph road speed** - Cover more area in less time
- **Front wheel drive** - 20" drive wheels climb 7" curbs with ease
- **All wheel drive (option)** - the first and only real off-road litter machine
 - **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
 - **270 degree hose movement** with 24 sq.ft working area - Industry-leading accessibility to litter
 - **All welded heavy gauge structural steel frame** - built to last



Easy curb-climbing

Efficient, fast collection

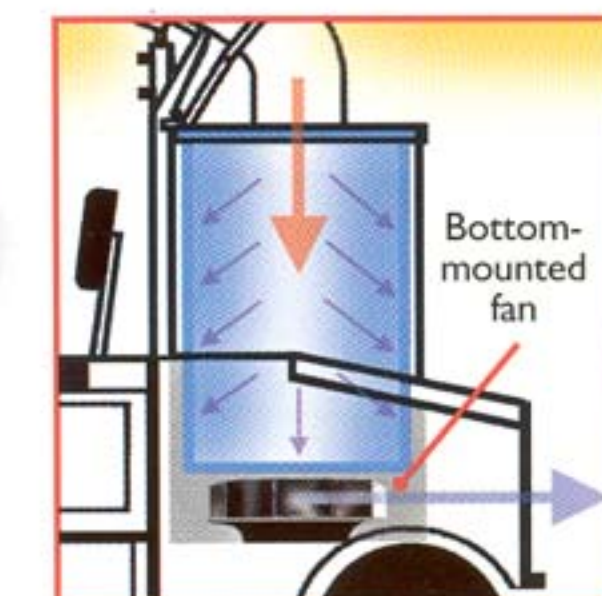
Vacuum compacts litter at approx. 2:1 ratio resulting in 100-120 gallons into a single heavy-duty disposable/ re-usable bag. Due to its patented straight-through suction system, litter is easily collected up to 6 times faster than manual.

Exclusive patented power assisted vacuum arm

Up/Down control switch located on vacuum arm results in easier operation eliminating fatigue and potential for workers' compensation claims.

Engineered for greater productivity

- **48" wide vacuum head** cleans 105,000 sq.ft/ per hr.
- **Patented Power Arm** makes litter picking effortless and injury free
- **Wrap over bag system** -For easy 30 sec. bag change
- **15 ft. wanderhose hose** - Permits litter retrieval in hard-to-reach areas
- **4 or 3 wheel configuration**- 85" 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



PATENTED STRAIGHT-THROUGH SUCTION

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

Options & Accessories

Cab Enclosure

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



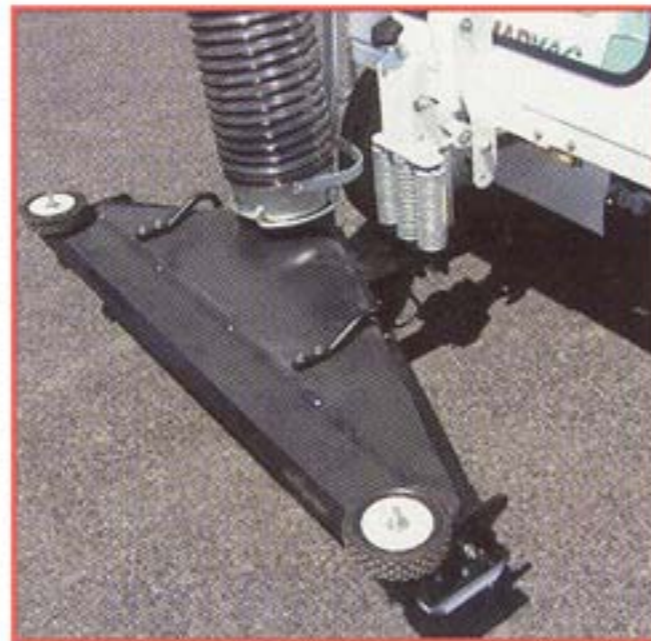
Weather Shield / Roll-Over Protection

A weather shield mounted on an OSHA certified R.O.P.S. keeps the operator safe and comfortable.



36/48 Inch Vacuum Head Assembly

A 36 or 48 inch wide vacuum head for increased ground coverage in a single pass. 48 inch is raised and lowered from the operator's position for on-the-fly engagement.



Fenceline Nozzle Elbow

Quick disconnect nozzle efficiently cleans fence lines.



5'x15' 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.



MADVAC 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. (1.5 m³) capacity, durable black polyethelene with filtering cover.



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



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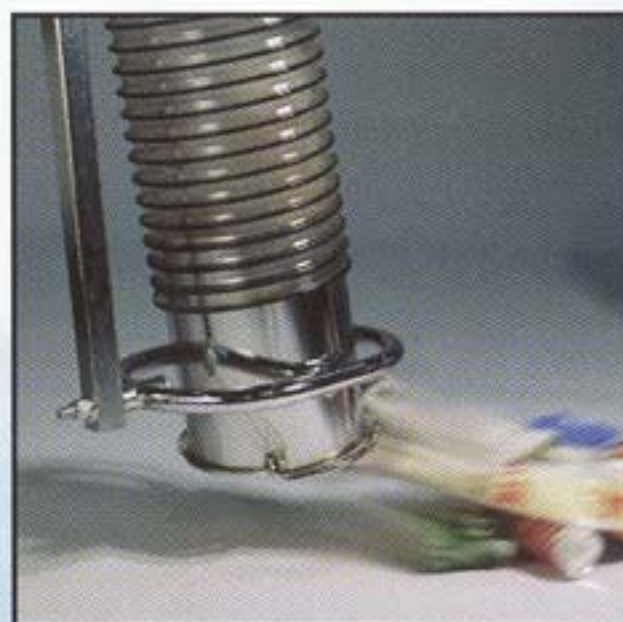
keeping cities healthy and safe

The clean collector

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

A clean and effortless performance

- Filters dust to an industry-leading 2 microns
- Keeps operator and passersby dust-free
- Patented Vacuum Power Arm for effortless operation
- Vacuums grass covered and asphalt surfaces to perfection
- Uses powerful, reliable low-emission engine



MADVAC

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

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

Engine

Kubota Diesel, 28 hp, liquid-cooled

Kohler Gasoline, 25 hp, air-cooled

Ford Propane, 36 hp, liquid-cooled

Fuel capacity: 10.6 gallons (40 L)

Air cleaner: 2 stage, Donaldson w/ restriction indicator

Hydraulic System

Tank capacity: 13 gallons (50 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

Frame/Body

Heavy gauge steel body on a welded 1/8" structural steel tube frame

Twin lockable storage compartments

Electrical System

12 volt, 40 Amp alternator (35 Amp, Gas)

All fused circuits

Color-coded wiring w/weather proof connectors

Controls

Key start w/ electric shutoff

Vacuum fan on/off

Gauges: Hourmeter, ammeter, fuel, water temperature

Dimensions

Width: 48 in. (1219mm)

Length: 85 in. (2160mm)

Height: 92 in. (2335mm)

Wheelbase: 65 in. (1650mm)

Ground clearance: 8 in. (203mm)

Paint

Electrostatic powder coat, factory white

Warranty

1 year 100% warranty. Lifetime fan and fan casing warranty

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 shock absorbers on front axle

Weight: 1,750 lbs (795 Kg.)

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 brakes 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

Rear coil spring suspension shock absorbers

Neutral safety start switch

OSHA certified 1926.1001

R.O.P.S. with weather shield

Cab enclosure

2-micron panel or 10 micron bag dust filtration

Road lighting package

36 or 48 inch vacuum nozzle assembly

15' retractable wanderhose

Fence line elbow

Leaf collection system

Sound suppression pack

35 hp Turbo diesel

Custom Paint Colors

Back up alarm and lights

Distributed by:

Play a major role in cleaning your environment.
Let MADVAC change the way you collect litter forever.
Call us at our toll-free number 1-800-8-MADVAC
and ask us about our FREE VIDEO.

MADVAC[®]

The World's Best Litter Collection System

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