

Madvac[®] LS275 – Compact Sweeper with High Dump

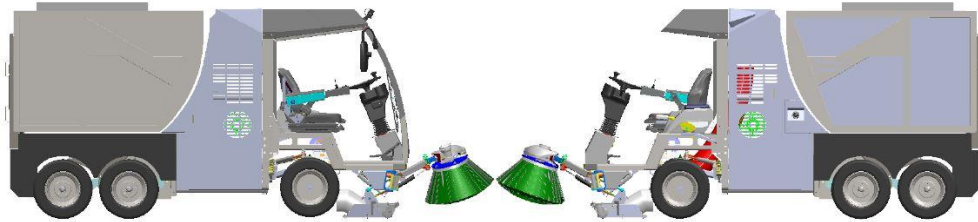
For sweeping and vacuuming sidewalks, walkways, plazas, public markets, alleyways and other high pedestrian traffic areas, there's nothing quite like the Madvac[®] LS275

- Powerful variable vacuum sweeper cleans rough and delicate hard surfaces such as concrete, asphalt, cobblestone, brick
- Patented straight-through suction system
- Variable path width for easy collection; from 44" to 89"
- Sharp turning radius, power steering, joystick controls, fully articulated brushes
- Heavy-duty all-wheel suspension for better traction, more comfort and a safer ride
- High capacity 2.75 cu. Yd. (2.1 m³), high-dump hopper keeps sweeper working longer
- Exceptional operator visibility for superior sweeping, safety and optional color rear-camera

Madvac® LS275

Applications

- Hospitals & Educational Facilities
- City Plazas, Sidewalks & Curbs
- Amusement Parks
- Seaports & Military Bases
- Large warehousing & Manufacturing Sites



Data and Performance Information

Capacities

Fuel tank	21.1 gal. (80 L)
Hydraulic System	23.7 gal. (90 L)
Water Capacity	159 gal. (600 L)
Litter Capacity	2.75 cubic yards (2.1 cubic meters)

Engine Data Tier 3

Model	Deutz D2011L03
Displacement	142.2 cubic in. (2330 cc)
Gross Rated Power	48 HP (35.8kW) @ 2800 rpm
Air Cleaner	2 stage Donaldson with restriction indicator

Engine Data Tier 4

Model	Hatz engine 3H50TIC
Displacement	91.54 cubic in. (1500 cc)
Gross Rate Power	56.0 HP (42 Kw) @ 2800 rpm
Air Cleaner	2 stage Donaldson with restriction indicator

Litter Collection System

Type	Cyclonic 3 stage filtrations
Frame/Body	Triangular frame tubing ¼ in. (6 mm)
Container Material	Stainless steel
Dumping Height	67" (1702 mm)
Container Payload	3000 lbs (910 kg)
Power Wash	Pressure water washer 1500 PSI (103.4 BAR) <i>Option</i>

Vacuum System

Vacuum Rating	2900 CFM (82.12 CMM)
Air Flow Speed	8,400 ft./min
Static Pressure	30" of water gauge (7.472 KPA)
Remote Vacuum	Wander hose <i>Option</i>

Traction

Drive	Front wheel drive <i>Option four-wheel drive</i>
Forward Speed	18.6 mph (30 km/h)
Brakes	Front hydrostatic brakes Rear mechanical parking disk brakes
Axle	Double rear axle
Tire	Radial 145R12
Grade	Grade ability 25%
Curb Weight	Dry 7000 lbs (3182 kg)
Weight Distribution	Front 30% / Rear 70%

Suspension

Front	Axial coil springs Heavy duty shock absorbers
Rear	Longitudinal coil springs Heavy duty shock absorbers

Sweep Gear

Brushes	Two brushes (independently joy-stick controlled) 25" DIA (635 mm) each
Brush Type	Polypropylene
Sweeping	Minimum 44" (1118 mm) to maximum 89" (2261 mm)
Pick Up Nozzle	Hydraulic raise/lower and polymer skate
Brush Speed	0 RPM to 150 RPM
Brush Arm	Self leveling & self adjustable for brush wear
In Cab	Brush speed & down pressure <i>Option</i>

Electrical

Voltage	12 Volts, 80 AMP alternator Heavy duty battery
Lighting	2 headlights, brakes, turn signals, taillights 4-way flashers, 4 amber strobes Fuel gauge, hour meter Oil pressure light, water temperature light, battery light & engine light
Instruments	Radio, CD, MP3 player <i>Option</i> Color back up camera with 7" monitor <i>Option</i>

Cab

Cab	Cab forward design, 200° vision
Windshield	Full windshield
Windows	Side windows open each side
Light	Dome light
Doors	Full view glass tempered doors
Heating/AC	Automatic climate controls <i>Option</i>
Defrost	Windshield heated micro filament <i>Option</i>
Seat	Adjustable air vinyl seat with arm rest

Dimensions

Width	48" (1219 mm)
Length	142" (3606 mm)
Height	78" (1981 mm)
Wheelbase	65" (1651 mm)
Wheelbase	65" (1651 mm)
Ground clearance	8.5" (216 mm)

Hydraulic System

Hydraulic Cooler	Electric fan cooled
Steering	Automotive type, power assisted
Drive System	Heavy duty hydrostatic drive



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