



## Highly maneuverable street and sidewalk sweeper

Madvac CN200





RIGHT  
Articulated brushes allows efficient cleaning of debris from sidewalks, underneath cars, benches and other obstacles

BELOW  
Cab comfort and panoramic view make sweeping easy and safe



BELOW  
Travels up to 25 mph

BOTTOM  
Compact dimensions give excellent accessibility and maneuverability in tight areas.



## High performance & productivity

### The most versatile, maneuverable and reliable compact sweeper in its class.

The CN200 is more than just a street sweeper, it provides versatile multi-purpose, heavy-duty, safe and effective cleaning of the filthiest surfaces in congested or large areas with uncompromising safety for pedestrians and operators.

#### Your master choice sweeper for:

Downtown Streets	Alleyways
Airports	Universities
Housing Authorities	Sidewalks
Pedestrian Zones	Underground Parking
Theme Parks	

#### Operator environment

- A low-profile machine in which the operator sits forward to maximize visibility, preventing catastrophic pedestrian injuries.
- Comfortable working environment eliminates driver fatigue and increases safety, particularly over longer operating periods.

- Ergonomic cab, fully integrated controls clustered according to function, allowing easy familiarization, comfortable and effective operation.

#### Easy to service, economical to maintain

- Minimized routine maintenance procedures, and easily accessible key components for quick servicing and maximized productive time.
- Simplified components and systems results in one of the simplest and easiest machine to maintain in its class.
- Supported by the comprehensive global Madvac after sales network.

#### Environmentally friendly power source

- The Compact is driven by the powerful 94hp Turbo charged Detroit Diesel engine.
- High torque at low engine speeds results in low noise operation and extended life of driven components.
- Long service intervals and simple modular design minimize servicing and maintenance costs.



# CN200 features and benefits

- **The CN200 is the narrowest and shortest machine in its class.** Compact dimensions (width: 4'3") give excellent accessibility, safety and ability to maneuver easily around obstacles such as parked cars, litter receptacles, benched and fire hydrants.
- **Large machine performance, giving maximum productivity and efficiency,** combined with small compact-sized machine economy gives you maneuverability around the tightest soiled areas, and will pass through underground parking clearances.
- **Reverse sweeping feature** allows complete clearance of 90 degree corners, blind alleyways and dead ends.
- **Sweepgear configuration** with articulated brushes allows efficient cleaning of debris from underneath cars, benches and other obstacles.
- **Joystick control brushes** extend an extra 3 feet to spot-scrub spills in tight spots and far to reach areas.
- **Strong suction performance** at low engine speeds, minimizing wear to key components.
- **The 2.3 yd hopper** constructed entirely of 12% chromium stainless steel for maximum corrosion resistance, and discharges into most standards dumpsters/roll offs to further maximize operational time.
- **Road speeds up to 25 mph** maximizing on site productive time
- **The water recirculation system** reduces dust emissions while allowing for longer sweeping before replenishing the water supply.



FAR LEFT  
*Joystick control brushes extend an extra 3 ft for hard-to-reach area.*

ABOVE LEFT  
*Reverse sweeping feature allows complete clearance of 90 degree corners.*

BELOW LEFT  
*2.3 yrd hopper discharges into most standard dumpsters*

## CN200 Optional Equipment

- **High pressure washdown hose** cleans food spillage and stains from bus shelters, telephone booths, trash receptacles, paving and walls with 33 ft. of recoiling hose and a jetting gun, with fan and straight nozzles.
- **Wanderhose** turnatable mounted, low profile design, 270 degree working area, 12 ft. long. Wanderhose vacuum for harder to reach areas such as inside tree wells, litter receptacles and between cars.
- **In-cab adjustment of nozzle aperture,** to allow efficient ingestion of leaves and bulkier materials.
- **Also available:** Air conditioning, Special paint finish, Hydrant connection

## Outline Specifications Madvac CN200

<b>Performance:</b>	Max travel speed 25 mph (40 km/h); Sweeps up to 215,277 sq.ft. per hr. (20,000 m <sup>2</sup> /hr); Turning circle 13'2" (4m); Turning radius wall to wall 16'8" (5100mm); curb to curb 12'7" (3850mm)
<b>Sweeping system:</b>	Two independently traversing 33" (850 mm) dia. polypropylene front brushes operator controlled variable speed. Maximum sweeping width; 10'6" (3200mm). Normal sweeping path 48".
<b>Pick-up system:</b>	Suction head: Fully floating 32" (812 mm) wide vacuum nozzle runs on rubber tires. An adjustable flap, controlled from the cab, is provided to allow large objects to be picked up. The head is raised hydraulically.
<b>Water spray system:</b>	Tank capacity 66 gallons (250L). Water sprays on brushes via an electrically driven diaphragm pump.
<b>Hopper:</b>	The hopper has a volume of 2,3 cu.yd. (1.8m <sup>3</sup> ) and is raised to its discharge position by means of two rams. A hand pump is fitted in order to raise the hopper in the event of engine failure. Hopper discharge height is 4' 11 1/2" (1500mm). 45 degree discharge angle.
<b>Engine:</b>	2.8 liter Detroit Diesel, 94 HP @ 3200 rpm; Maximum torque 175 ft lbs @ 190 rpm.
<b>Fuel Tank:</b>	14 gallons (55L). Sufficient for more than ten hours' work.
<b>Transmission:</b>	Fully hydrostatic to motors on rear wheels.
<b>Wheels &amp; tires:</b>	5-hole steel disc wheels. Front tires: 650R10. Rear tires: 225/75R10
<b>Brakes:</b>	Rear wheels hydrostatic with mechanical parking brake. Front wheels hydraulically actuated drum brakes by foot pedal.
<b>Electrical system:</b>	12 volt starter motor. 85 amps alternator and full road lights.
<b>Standard equipment:</b>	Swing-out brushes with independent control; Brush lights; Galvanized steel water tanks; Heater/filtered fresh air blower; Tinted windows; Sprung passenger seat; Sweeping mirror; Stereo radio/cassette unit; Cab sound insulation; Electric windshield washers. Reversing lights; Back up alarm; Knock-down beacon.

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