



A small revolution sweeps the world

Madvac CN100



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

Allianz Madvac is the world's leading manufacturer of outdoor surface cleaning equipment. We are unique among sweeper 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 CN100 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 all international safety and environmental standards, the CN100 sets the global benchmark for compact sweeper quality.

Higher standards

The quality of our CN100 is matched only by the high standard of our premium quality after sales support. You can always be sure that your CN100 Sweeper will continue to provide maximum performance and productivity.

Lower costs

Add low depreciation rates and high residual values and you will see how Life Cycle costs of the Madvac CN100 are kept to a minimum.

Allianz Madvac's commitment to environmental issues is also a key part of our manufacturing philosophy. Recycling, energy efficient processes and a "Green Supplier" policy reduce waste and contribute to a cleaner workplace that is kinder to the environment.

RIGHT
Madvac
*A cleaner
environment for
everyone*



CN100 - Sophisticated Simplicity

The Madvac CN100 is big on visibility, safety, efficiency and performance

With its compact size, large capacity, exceptional maneuverability, and outstanding safety and comfort features, the Madvac CN100 is ideal for cities, villages, shopping malls, hospitals, universities and urban centers. This

high-profile, cost-efficient cleaning machine safely works around pedestrians and effectively sweeps and vacuums a variety of surfaces from city sidewalks and walkways, to alleys, bike paths, streets and more.



LEFT
The CN100 goes anywhere and brings a high profile approach to cost-effective sweeping.

Visibility and comfort

- Unprecedented visibility from the operator seat includes view of brushes plus 200-degree rear view to ensure driver peace-of-mind and pedestrian safety.
- Sound-proofed, low vibration, ergonomic cab with adjustable seat, heater, and optional AC, keeps operator comfortable and less fatigued.
- Pop-up roof adds to driver comfort.
- Heavy-duty all-wheel suspension provides better traction, more comfort and a safer ride.
- Optional rear camera system for added safety in heavy pedestrian traffic areas.

Easy to operate and maintain

- Many automated functions make it easy to learn and drive.
- Molded ergo armrest places controls at operators fingertips.
- Total access to control panels makes maintenance simple.
- Water spraying jets by the brushes provide dust control in sensitive working areas.

Lightweight, compact and maneuverable

- Low overall height of 78" (1981 mm) is ideal for tree-lined areas and parking garages.
- Variable 44" sweep path with extended reach to 89" for easy cleaning of tight and wide areas.
- Sharp turning radius, easy steering, joystick controlled fully articulating brushes make handling and control effortless.
- Narrow 41" width and lightweight to clean difficult and delicate areas.



FAR LEFT
Cab comfort and panoramic view makes sweeping easy and safe.

CENTER
Ergonomically located, joystick controlled, fully articulating brushes collect hard-to-reach debris leaving a spotless path.

LEFT
Low height gives working access to underground garages, tree-lined roads and mass transit shelters

OPPOSITE RIGHT
CN100 is light enough to vacuum sweep delicate pavers without any damage

BELOW
Stainless steel hopper gives 60" dumping height

BOTTOM
Road speeds up to 16 mph maximizes on site productive time





Efficient and productive

- Up to 16 mph (25 km/h) road speed allows vehicle to cover more area in less time.
- Patented straight-through suction system sweeps, vacuums and compacts debris without passing through or wearing out the fan.
- High-capacity 1.15 cu. yd. (0.85 m³), high-dump hopper keeps sweeper working longer.
- Large water capacity for fewer fill ups and longer shifts.
- Powerful variable vacuum cleans rough and delicate surfaces such as brick, cobblestones, bike paths and others.

Built to last

- All welded heavy gauge structural steel frame is built to last.
- Stainless steel debris container resists abrasion and corrosion to protect investment.



CN100 Internal Fan & Airflow



ABOVE LEFT
Front wheel drive makes curb climbing effortless

ABOVE
Ideal for sidewalks and streets, the joystick-controlled brushes sweep up debris in hard to reach areas

Environmentally-friendly

- Advanced 8-micron filter keeps pedestrians and the environment clean.
- Adjustable, fully articulating brushes collect hard-to-reach debris leaving a spotless path.
- Water spraying jets at each brush for dust control in sensitive working areas.
- Powerful and reliable low-emission 31.5 HP diesel engine.

Clean and safe

- A huge, three-stage, 8-micron dust filtration system captures the finest particles to provide ultimate cleanliness for operator and pedestrians.
- Exceptional operator visibility for superior sweeping safety.
- Easy curb-climbing makes transition from street to sidewalk safer.

CN100 Sub-Compact Sweeper Specifications

CN100

Engine:	Kubota D1105T turbo, 3 cylinders, 1123 cc, water cooled diesel. 31.5 HP (23,5 kW) @ 3000RPM
Fuel capacity:	10.5 Gallons (40 Liter) Electronic fuel gauge
Drive:	Front wheel drive with two wheel motors
Travel Speed:	16 mph (25 Km/H)
Gradeability:	25 %
Ground clearance:	7" (178 mm)
Debris Container:	1.15 cu. yd. (0.85 m ³) overall capacity Constructed of stainless steel, 60" (1,524 mm) dumping height
Sweeping Width:	Variable from 44" (1,118 mm) to 89" (2,261 mm) with independent hydraulic right/left adjustable from cab. Adjustable down pressure and brush speed directly from cab
Vacuum System:	Patented flow through technology, vacuum compacts debris as it loads and permits vacuum without material passing through impeller fan. 8 in. (203 mm) dia. suction tube
Dust Control:	Three stage filtration with pleated panel filters for fine dust
Water capacity:	40-gallon (150 L) Polyethylene water tanks.
Cab:	Cab forward design with full-length glass, fully adjustable tilt steering column. Pop up roof vent, opening side windows. 2 Speed heater, electric windscreen

OPPOSITE LEFT

Lightweight enough to move over pavers and does not disturb environmental areas.

BELOW

Wanderhose for hard to reach tree wells, litter receptacles, between cars, telephone booths and bus shelters



BELOW

Rear Camera system for added safety in heavy pedestrian traffic area

BOTTOM

Supawash system for versatile cleaning of street furniture



ALLIANZ MADVAC'S COMMITMENT TO YOU

Our guarantee of service and performance continues long after the sale:

- Most comprehensive warranty in the industry
- Guaranteed 48-hours parts shipment
- State-of-art training facility

125 DEALERS ACROSS 82 COUNTRIES ARE READY TO SERVE YOU.

Our extensive network of authorized dealers are carefully selected, highly trained, and thoroughly committed to provide a level of customer service and support that is unmatched in the sweeper industry.

That's your assurance of maximum road time, low operating cost per mile, and a thoroughly satisfying, long-term relationship with your sweeper company.



**Call today for a free catalog, video or demonstration.
Call TOLL FREE: 1-800-862-3822**

Your local Madvac Dealer is:

Allianz Madvac Inc.

4651 Schaefer Avenue, Chino
CA 91710, USA

1690 Eiffel, Boucherville,
Quebec J4B 7W1, Canada

Toll-Free 1 800 862-3822

Tel: 1 (450) 616-8100

Fax: 1 (450) 616-8103

E-Mail: info@allianzmadvac.com

Web: www.allianzmadvac.com