



High Performance Compact Street Washer

Madvac CNW200



CNW200 features and benefits

The two man cab allows accommodation for additional personnel to conduct hand lancing operations. Side facing flushing nozzles are provided for cleaning under cars and barriers. The high performance of the water sprays will ideally remove all types of stubborn and offensive materials from the roadways and paved surfaces.

FUEL SYSTEM

- Fuel tank capacity 13.5 Gal (51 L).

TRANSMISSION

- Full hydrostatic transmission with closed loop circuit and variable angle swash plate axial piston pump.
- Maximum speed up to 25 MPH (40 km/h), but where lower speeds are mandatory or desired, pump swash plate angle can be limited to give 15.5 MPH (25 Km/h).
- The standard engine satisfies all EEC Euro III emission regulations.

TANK

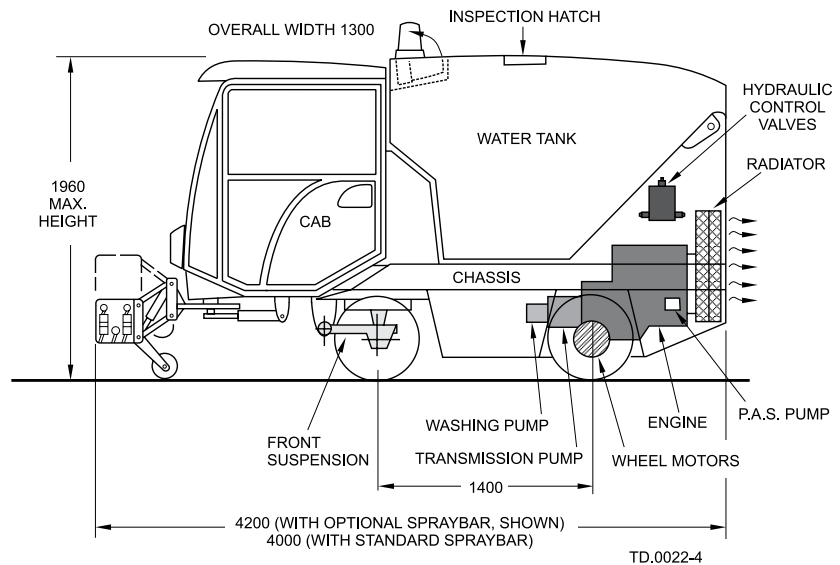
- Polyethylene construction with integral baffle, hydraulically tipped to provide access to engine, pumps and ancillary equipment. Tank equipped with inspection screw on inspection cap, drain tap and overflow pipe. Water level indication by mid and low level indicator lamps.
 - Hydraulically tipped by twin cylinders.
 - Autoprop.
 - Volume 475.5 Gal (1800 L).

HI-PRESSURE PUMP

- Maximum rated output 22.4 GPM (85 l/m).
- Maximum rated pressure 870 psi (60 bar).
- Pump inlet served with strainer, check valve and filter 297 µm, max flow 58GPM (200 l/min) complete with integral shut off valve.

STANDARD SPRAY BAR

- Fixed width, supported on a 'jockey wheel' to maintain optimum working



height, hydraulically slewed right to left and vice versa by means of cab control.

- Width 51.2 in. (1300mm).
- Number of jets 9.
- Jet spray pattern 65° flat.
- Water consumption 16.6 GPM (63 l/min).

OPTIONAL SPRAY BAR

- Hydraulically expendable spray bar, supported on a 'jockey wheel' to maintain optimum working height, located at the front of the cab in driver's full field of vision, cab controls for spray bar expansion/contraction, lift and slew.
 - Closed width 53.1 in. (1350mm).
 - Expanded width 130 in. (3300mm).
 - Number of jets 9 centre bar, 7 outer bar.
 - Jet spray pattern 65° flat.
 - Water consumption centre + one side bar 20.3 GPM (77 l/min).
 - Water consumption centre + two side bars 20.6 GPM (78 l/min).

OPTIONAL FLUSHING NOZZLES

- Two high capacity flushing nozzles fitted to adjustable mountings located one on either side below frontal end of cab. Water consumption 21.1 GPM (80 l/min).

CONTROL VALVES

- Control for spray bars and flushing nozzles are by servo activated solenoid valves. There is automatic stowage of the washing equipment when the work mode is cancelled or the water tank is emptied.

OPTIONAL HOSE REEL AND SPRAY LANCE

- Recoiling hose reel with 49.2 ft (15 m) of Ø3/8" hose and hand lance mounted in the chassis.

PUMPS, VALVES AND MOTORS

- Hydraulic gear pump driven via the transmission pump provides fluid power for the washing system. Water pump, spraybar raise/lower, slew, expand/retract (option) and water tank raise/lower.

HYDRAULIC SYSTEM (pressures)

- Maximum system pressure 3260 psi (225 bar)

OPTIONAL EQUIPMENT

- Extending spraybars
- Gutter flushing jets
- Hand lance and 49.2 ft. (15 m) hose reel
- Hose boom for hand lance