

Specifications:



SB Manufacturing Inc.

MODELS:

DT80J

POWERED BY



DT80CT



ENGINE:

John Deere diesel - Model 4045 TF
276 cubic inches (4.5 liter) 74 HP, Tier 4
at 2500 RPM w/95 amp alternator

Cummins diesel - Model B3.3T
199 cubic inch (3.3 liter) 74 HP, tier 4
at 250 RPM w/120 amp alternator

DIMENSIONS:

Weight: 5,300 lbs. standard unit (w/canopy)
Height - 103 inches (w/canopy)
Length - 172 inches
Width - 96 inches (transport)
Wheelbase - 133 inches
Turning Radius - 13 feet (inside)

CHASSIS:

Welded 6" channel w/gussets at all stress points. Certified roll over protection (ROPS) structure meets and exceeds all Federal Standards

STEERING:

Orbital; hydraulic power steering

HYDRAULIC TANK:

27 gallon capacity

FUEL TANK:

37 gallon capacity

COOLING SYSTEM:

Heavy duty vertically mounted radiator and oil cooler w/8,000 cfm suction fan

FRONT AXLE:

Heavy-duty truck type (full oscillating)

REAR AXLE:

3/4 Ton-heavy duty semi-float differential w/spring suspension system.

WHEELS:

Four - 6 bolt (15" x 6") steel spoke

TIRES:

Four radial ST225/75 R15 load range D

BRAKES:

Four wheel hydraulic w/dual master cylinder and mechanical parking brake.

TRANSMISSION:

Infinitely variable hydrostatic pump and motor driving a differential rear axle through a 2-speed gearbox.
Low range: 0 - 12 mph
High range: 0 - 34 mph

HYDRAULIC SYSTEM:

Load compensated pump
28 GPM w/2,500 PSI operating pressure
10 micron high pressure suction filter

BRUSH CORE:

8 foot all welded tubular construction
Direct drive motor enclosed in core (200 RPM)
Sweeping width: 96 inches
10" x 32" Protran wafer type brush filler

SWEEPING ANGEL:

45 degrees (left and/or right)
Circle swing frame mounted on 10 heavy-duty sealed, tapered bearings with debris guards.

BRUSH COVER:

12 gauge steel, 140 degree full brush length with end plate covers and full length rock deflector

BROOM CONTROLS:

Electronic joystick control for brush on-off with trigger for float, push buttons for broom on-off and speed control. Broom lift, adjustable down pressure and swing right to left through joystick movement.

CONTROLS & ACCESSORIES:

Padded seat with arm rests and seat belts, dual element air cleaner & precleaner, 12 volt ignition system. 950 CCA battery and back-up alarm. Gauges include tachometer, hour meter, water temp, oil pressure, fuel and volt meter.



Model DT80



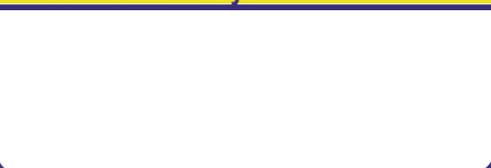
SB Manufacturing Inc.

Optional Equipment:

- | | | |
|--------------------|----------------------------|-------------------------------|
| Enclosed Cab | Engine PreCleaner | Curb & Gutter Brush |
| Air Conditioning | Extension air Stack | Suspension Seat |
| Heat & Defroster | 170 Gallon Water System | Tow Bar |
| West coast Mirrors | 7 1/2' Scraper blade | Block Heater |
| Light Group | Tilt & Telescopic Steering | Ether Start Kit |
| Strobe Light | Spare Tire | Audible Engine Alarm |
| Brush Side Shift | Front Fenders | Emergency Brake Safety System |

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Sold & Serviced By:



"Superior Quality & Performance!"



OPTIONAL SCRAPER BLADE

Cutting edge is 7 1/2" with power angle, down pressure & float positions for cleaning packed heavy material.



OPTIONAL GUTTER BRUSH

Gutter brush has 27 inch brush head with hydraulic power angle, tilt down pressure and float. Brush is mounted to front bumper for better operator visibility and folds up when not in use.



BROOM CONTROLS

Electronic joystick control for all broom functions with red LED lights indicating brush speed, full gauge package with tachometer, oil & water gauge, volt meter, fuel gauge and sealed rocker switches with red indicator lights.



TRAVEL CONTROL

Dual hydrostatic transmission foot controls are more responsive and comfortable for operator comfort.



EASY ENGINE ACCESS

Engine cover doors on right and left sides provide easy access for maintenance.



RADIATOR-OIL COOLER ACCESS DOOR

Standard swing out door for easy cleaning and maintenance of your radiator, oil cooler and A/C condenser are vital to dependable operation. Proper hydraulic oil temperatures are key to extending the life of your hydraulic components. Superior Broom makes it easy to keep your coolers clean.



TOW PACKAGE

Neutral shift for towing makes moving your Superior Broom easy with fold down tow hitch and safety chains.



OPTIONAL BRUSH SIDE SHIFT

Brush will shift 12 inches from center right or left for sweeping outside tires. You can now avoid tire sidewall wear and have better operator visibility to the brush.