

# Specifications:



## MODELS

**DT80J**

POWERED BY



**DT80CT**



**DT80K**



### 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 2500 RPM w/120 amp alternator

**Kubota** diesel - Model V3600T  
220 cubic inch (3.62 liter) 84.5 HP,  
tier 3 at 2500 RPM w/ 90 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:

30 gallon capacity

### FUEL TANK:

38 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 piston 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" Prostran 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.



**SB Manufacturing Inc.**

**Model DT80**



**SB Manufacturing Inc.**

## Optional Equipment:

Enclosed Cab w/2 Doors  
Air Conditioning  
Heat & Defroster  
West coast Mirrors  
Light Group  
Strobe Light  
Brush Side Shift

Engine PreCleaner  
Extension air Stack  
Hydraulic Temperature Gauge  
170 Gallon Water System  
7 1/2' Scraper blade  
Tilt & Telescopic Steering  
Spare Tire  
Front Fenders  
8' Polystrip Brush

Curb & Gutter Brush  
Suspension Seat  
Tow Bar  
Block Heater  
Ether Start Kit  
Audible Engine Alarm  
Emergency Brake Safety System  
Safety Engine Shutdown System  
Vandal Locks

Sold & Serviced By:



3707 W. McCormick  
Wichita, KS 67213  
Ph: 316.941.9591  
Fax: 316.942.5672

[www.superiorbroom.com](http://www.superiorbroom.com)

01/2015

*"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.



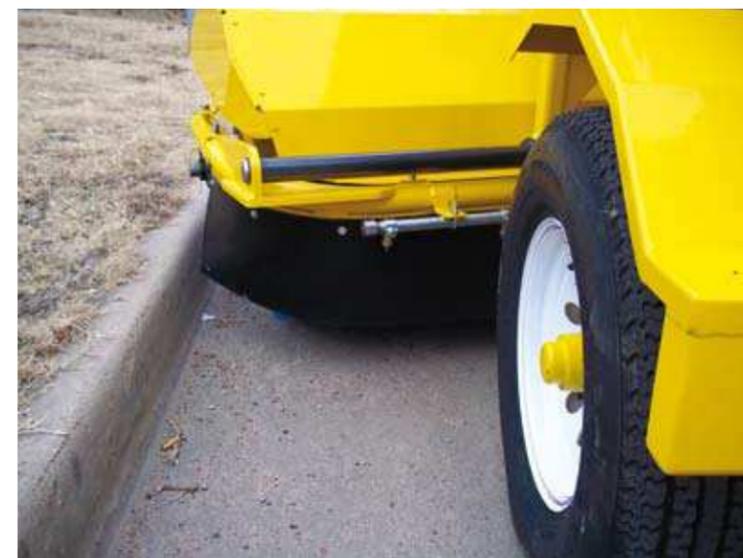
**RADIATOR-OIL COOLER ACCESS DOOR**

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.