

# Superior Broom

SB Manufacturing Inc.

Model  
DT74J  
DT74C  
DT74P



*"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.



#### **RADIATOR-OIL COOLER ACCESS DOOR**

Standard swing out door for easy cleaning and maintenance of your radiator, oil cooler & 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.





### **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 hydraulic transmission foot controls are more responsive and comfortable for operator comfort.



### **OPTIONAL CONTROLS**

Additional electronic joystick controls shown above control front scraper blade and right side gutter brush attachment. All controls are located at operator's station for easy access.



### **EASY ENGINE ACCESS**

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



### **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.

# Specifications:

# Superior Broom

## MODELS

### DT74J

Powered by  
John Deere

### DT74C

Powered by  
Caterpillar

### DT74P

Powered by  
Perkins

#### ENGINE:

**John Deere** diesel 4.5 liter (276 cid)  
74 hp, turbo charged, Tier 4 Final

**Caterpillar** diesel 3.4 liter (208 cid)  
74 hp, turbo charged, Tier 4 Final

**Perkins** diesel 3.4 liter (208 cid)  
74 hp, turbo charged, Tier 4 Final

#### DIMENSIONS:

Weight: 5,300 lbs. standard unit (w/canopy)  
Height - 103 inches (w/canopy)  
Length - 172 inches  
Width - 96 inches (transport)

#### 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:

22 gallon capacity

#### FUEL TANK:

30 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 ANGLE:

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 & pre-cleaner, 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.

# Optional Equipment:

Enclosed Cab  
Air Conditioning  
Heat & Defroster  
West Coast Mirrors  
Light Group  
Strobe Light  
Brush Side Shift  
AM/FM Stereo  
Rear Wiper & Washer

Enginaire 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  
2 Door Cab  
Audible Engine Alarm  
Emergency Brake Safety System  
Deluxe Upgrade Suspension Seat  
Vandal Locks

Sold & Serviced By:

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