



Specifications:

Engine:

John Deere Diesel 4.5 liter (276 cid)
74 hp, turbo charged, Tier 4 Interim

Cummins Diesel 3.3 liter (199cid)
74 hp turbo charged, Tier 4 Interim

Kubota Diesel - Model V3600T
220 cubic inch (3.62 liter) 84.5 HP,
Tier 3 at 2500 RPM w/90 amp alternator

Dimensions:

Weight - 6,500 lbs.
Height - 91 inches
Length - 200 inches
Width - 100 inches (transport)
Turning Radius - 6 feet (inside)

Chassis:

Heavy duty 1/4" x 3" x 6" rectangular
tubing with 2" x 6" tubing rear bumper,
5/8" plate steel front support

Steering:

Orbital hydraulic power steering

Hydraulic Tank:

30 gallon

Fuel Tank:

38 gallon

Front Axle:

3/4 ton heavy duty semi-float

Rear Axle:

Rear steer heavy duty

Wheels:

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

Tires:

ST225/75R15 load range C radial

Standard Equipment Includes:

2-Speed hydrostatic transmission
Low range 0 to 10 mph
High range 0 to 20 mph
Dual transmission foot controls
8 Foot poly quick change tube brush
Sweeping angle 35 degrees
Sweeping width 96"
Dual element air cleaner
Extended air cleaner stack
150 gallon water system
Hydraulic brush pressure gauge
Rotary pre-cleaner

Controls & Accessories:

Padded suspension seat
Enclosed cab w/wiper & washer
Pressurized air conditioning
Heater & defroster fan
West coast mirrors w/convex mirrors
Light group
Strobe light

Available Options:

2-door cab
Tilt & telescoping steering column
Brush side shift
Rear window wiper & washer
Brush shield rubber rock deflector
96" poly strip brush
AM/FM CD stereo
Rear work lights
Safety engine shutdown system
Audible engine alarm
Block heater
Hydraulic temperature gauge
Spare tire
Vandal package
Reversing brush
Brush speed control



SM80J SM80CT SM80K



SB Manufacturing Inc.

Sold & Serviced By:

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www.superiorbroom.com

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*"Superior Quality
& Performance!"*



CAB VISIBILITY

Operators have clear viewing of brush and road surface for safe operation.



SWING OUT ACCESS DOOR

Standard swing out door for easy cleaning and maintenance of your radiator, oil cooler & A/C condenser are vital to dependable operation. Superior Broom makes it easy to keep your coolers clean.



ENGINE ACCESS DOORS

Maintenance made easy with extra wide access doors on right & left side are standard equipment. Optional vandal locks available.



BRUSH ROCK DEFLECTOR

Optional rock deflector deflects rocks, sand & asphalt down at a lower level.



OPTIONAL BRUSH SIDE SHIFT

Side shifting brush allows operator to sweep outside front tires to reach areas 12" to 18" away from machine body.



CONTROL CONSOLE

Electric joystick brush control, brush down pressure control valve, full gauge package with tachometer, oil & water gauge, volt meter, fuel gauge and sealed rocker switches with red indicator lights.

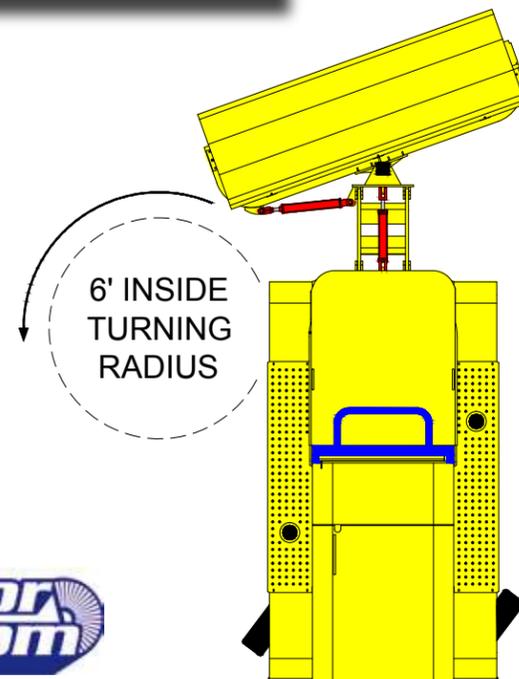


TRAVEL CONTROL

Dual hydrostatic foot control pedals for more responsive control and operator comfort of travel speed.

TURNING RADIUS

SM80 Superior Brooms incorporate rear steering allowing sweeper to change directions in one lane and maneuver tight corners for more efficient sweeping.



Rear view of side shift



BRUSH CHANGE

Brush changing made easy with the standard 96" one piece poly coreless tube brush. Hinged brush cover lifts for easy access making change time in just minutes. Our exclusive coned alignment brush motor makes installation easy & fast.

