



Python S3000 Street Sweeper Specifications

General Specifications:

- Sweeping path: 138"
- Overall height: 116"
- Overall length: 268"
- Width: 102"
- Empty weight: 16,200 lbs
- Hopper capacity: 6.0 cu yd volumetric
- Dump height maximum: 138"
- Wheel base: 124"
- GVWR: 32,000 lbs

Main Broom:

- "The Eliminator" (patent pending)
- Steel core: 60" length
- Hydraulic direct drive: variable & reversible
- Filled diameter: 36"
- Pressure & wear control

Conveyor:

- Squeegee-type system
- Hydraulic direct drive, variable speed & reversible
- Relief valve protected

Gutter Brooms:

- Number of brooms: 2
- Diameter: 48"
- Number of segments: 4
- Hydraulic direct drive: reversible
- Adjustment: independent left, right, up & down
- Controls: Pressure & wear
- Design: Free-floating hydraulic suspension

Lighting System:

- 2 – halogen headlamps, rectangular
- 2 – stop / tail lamps
- 2 – turn signal lamps, front & rear
- Cab marker lamps & rear clearance lamps
- Warning beacon & emergency flasher lamps
- Back-up lamps, automatic with audible alarm
- License plate lamp

Debris Hopper:

- Material volume: 6.0 cu yd volumetric
- Maximum dump height: 138"
- Minimum dump height: 21"
- Right side dumping: standard
- Dump capacity: 14,000 lbs

Water System:

- "Water Saver" (patent pending)
- Capacity: 310 gallons
- Tank material: polyethylene
- Electric pump (1): Diaphragm, 3.0 gpm
- Water system material: non-corrosive

Engine, Auxiliary:

- Manufacturer: John Deere
- Model: 4045, 4 cylinder turbo diesel
- Displacement: 4500 cc
- Rated horsepower: 80 hp @ 2500 rpm
- Torque: 215 ft – lbs @ 1200 rpm

Auxiliary Engine / Sweeper Instrumentation:

- Tachometer & hour meter
- Engine oil pressure gauge
- Engine coolant temperature gauge
- Warning lights: elevator stall, low water, hydraulic temp, hydraulic low level, sweeper not level

Hydraulic System:

- Tank capacity: 60 gallons
- Pump: 2 tandem gear pumps
- Pump capacity: 20 gpm x 2
- Controls: Electric over hydraulic
- Hydraulic drive motors: all interchangeable
- Hydraulic fluid cooler: air to oil – electric fan