

# Python S3000 Specifications

## Python S3000



### General:

- Overall length: 300"
- Overall width: 102"
- Overall height: 116"
- Sweeping path: 138"
- Hopper capacity: 6 cu yd volumetric
- Dump height max: 138"
- Wheelbase: 140"
- GVWR: 33,000 lbs
- Turning radius: 222"

### Main Broom:

- "The Eliminator" (patent pending)
- Steel core: 60" long
- Hydraulic direct drive, variable & reversible
- Filled diameter: 36"

### 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 spring suspension

The most powerful sweeping system in the industry! The Python S3000 gives you outstanding sweeping performance, simplicity and reliability -- all for a low purchase price and low maintenance cost. And, no special driver's license is required to operate the S3000. The Python S3000 sweeps circles around the competition with its patented sweeping technology. Python's dedication to providing high-quality street sweeper equipment that's built to last, means you'll spend more time sweeping and a while lot less time maintaining.

- Powerful sweeping system
- Patented water saver system keeps dust to a minimum and uses less water, PM-10 Certified
- Easy to operate, Simple to maintain
- Durable squeegee-type elevator puts more debris into the hopper faster and with little maintenance
- Low operating and maintenance costs
- Truck chassis with short wheelbase for maneuverability and fast travel between sweeping jobs.
- Your choice of single or dual steering
- Revolutionary main broom - *The Eliminator* - picks up where others won't and leaves no streaks behind
- Excellent operator visibility and comfort
- Free-floating, fully adjustable gutter brooms follow the contour of the road surface
- Infinite variable height dumping up to 10'
- Lexan windows give you a clear view of hopper
- Quality Construction retains value
- Center-mounted hopper ensures even load distribution

### Engine, Auxiliary:

- Manufacturer: John Deere
- Model: 4045, 4 cylinder turbo diesel
- Displacement: 4500 cc
- Rated horsepower: 80 hp @ 2,500 rpm
- Torque: 215 ft - lbs @ 1,200 rpm

### Hydraulic System:

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

### Conveyor:

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

### Debris Hopper:

- Material volume: 6 cu yd volumetric
- Left dumping: standard
- Dump capacity: 14,000 lbs

### Auxiliary Engine / Sweeper Instrumentation

- Tachometer and hour meter
- Engine oil pressure warning lamp
- Engine coolant temperature lamp
- Warning lights: elevator stall, low water, hydraulic temperature, hydraulic low level, sweeper not level

### Water System:

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

### Lighting System:

- 2 - halogen headlamps
- 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