



Python ***S3000***

The Most Powerful Sweeper in the Industry

10 Reasons to Own a Python S3000

1 Powerful Sweeping System

The Python S3000 is the most powerful sweeper in the industry - capable of taking on the toughest milling operations. This machine replaces the void left by the legendary Mobile sweepers and goes a step beyond.

2 Adjustable, Floating Brooms

All brooms are free floating and fully adjustable, which allows them to follow the contour of the road. The gutter brooms are equipped with parallel linkage.

3 Unrivaled Dust Control

The S3000 has two large water tanks, and employs a unique, patented *Water Saver System™*, that uses less water while keeping dust to a minimum. PM-10 Certified.

4 Durable Elevator

Durable squeegee-type elevator puts more debris into the hopper quickly and efficiently with less maintenance. Belt system outlasts competitors' systems, and is warranted for 2 years or 1,000 hours. Optional chain elevator also available.

5 High and Low Dump

Dump into any truck or onto the ground with the S3000. Dumping heights from 21" to 138".



THE MOST POWERFUL SWEEPER

Never has there been a street sweeper as powerful as the Python S3000. It is designed for the heaviest sweeping applications - and that includes milling operations.



Its simple, innovative design gives you:

- Power
- Productivity
- Low maintenance costs
- Reliability
- Operator comfort, visibility and safety
- Cost effective performance that saves you money

MORE POWER TO YOU

The Python 3000 has more power than any other sweeper with its 80 hp John Deere engine. This engine has a proven track record in industrial applications, delivering high performance and fuel efficiency.

The hydraulics are simple and efficient, with each hydraulic motor having its own dedicated hydraulic pump, which provides maximum torque. Electric over hydraulic controls give you the flexibility you need to operate your sweeper at maximum performance.



MAXIMUM PRODUCTIVITY

The S3000 uses proven sweeping technology to provide you with excellent sweeping performance in a wide range of applications and conditions. The Python sweeping system's superior performance takes on millings, trash, sand, gravel, dirt, leaves, bottles and paper - leaving nothing behind. Nothing stops this machine from making a clean sweep.

KEEPER IN THE INDUSTRY



LONG-LIFE ELEVATOR

The heart and soul of a sweeper is the elevator system. The S3000 elevator, with its unique belt drive, stands up to the most abrasive materials and toughest conditions, and has the longest life expectancy in the industry.

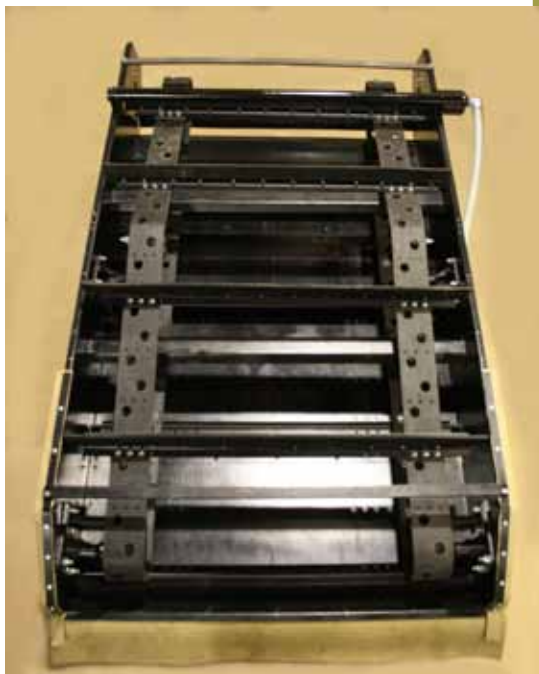
An automatic belt tightener means the belt always operates at the optimum tension. That's why we are able to offer a 2 year or 1,000 hour warranty on our belt. All bearings in the elevator are maintenance-free.

The abrasion resistant floor stands up in very tough conditions.

Optional chain drive also available.



Unique belt drive elevator has the longest life expectancy in the industry. Its automatic belt tightener keeps the belt at its optimum tension.



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6 Fuel Efficient, Low Operating & Maintenance Costs, No Grease Points

The perfect match of sweeping performance and power produces low operating costs. The simple design keeps maintenance to a minimum. We've even eliminated all the grease points from the sweeper body.

7 Maneuverability, Visibility & Quiet Comfort

The S3000 offers outstanding visibility, and a comfortable ride for operators, so they can stay on the job and remain fresh and alert. The highly maneuverable, short wheelbase chassis makes even the tightest areas accessible. And everyone appreciates the quiet operation of Python sweepers.

8 Large Debris Hopper

Sweep longer between dumps with the 6 cubic yard volumetric hopper, one of the largest in the industry. The centre mounted hopper and conveyor configuration provides even load distribution.

9 Durable Design

The simple, straightforward design of the S3000 provides for ease of maintenance and repair. The uncomplicated hydraulic systems and standardization of components make a durable sweeper capable of taking on the toughest sweeping jobs.

10 Our Imitators are Everywhere

They say that imitation is the sincerest form of flattery. If that's the case, then we feel truly complimented because Python copies are everywhere in the sweeping industry. Yet, we continue to provide the best and most reliable sweepers.

Python
mfg. inc.

**PM 10
Certified**

Python S3000 Specifications

General Specifications:

Sweeping path: 138"
Overall height: 116"
Overall length: 288"
Width: 102"
Empty weight: 20,400 lbs.
Hopper capacity: 6.0 cu. yards volumetric
Dump height max: 138"
Wheelbase: 140"
GVWR: 33,000 lbs/14,982 kg.

Engine, Auxiliary:

Manufacturer: John Deere
Model: 4024, 4 cylinder turbo diesel
Displacement: 2400 cc
Rated horsepower: 80 hp @ 2500 rpm
Torque: 215 ft-lbs. @ 1200 rpm

Auxiliary Engine/ Sweeper

Instrumentation:

Tachometer and hour meter
Engine oil pressure gauge
Engine coolant temperature gauge
Warning lights: elevator stall, low water, hydraulic temperature, hydraulic low level

Hydraulic System:

Tank capacity: 60 gallons US
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

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 / 6350 kg

Water System:

"Water Saver" (patent pending)
Capacity: 310 Gallons
Tank material: Polyethylene
Electric pump (2): Diaphragm, 3.0 gpm
Water system material: Non-corrosive

Conveyor:

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

Main Broom:

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

Gutter Brooms:

Number of brooms: 2
Diameter: 50"
Number of segments: 4
Hydraulic direct drive: Reversible
Adjustment: Independent left, right, up & down
Controls: Pressure & wear
Design: Free-floating hydraulic suspension

Truck Specifications:

Manufacturer: Isuzu
Model: 33,000 GVW FVR
Design: Cab-over
Engine: 215 hp @ 2200 rpm
Torque: 560 lb-ft. @ 1450 rpm
Transmission: Allison automatic 6 speed
Steering: Power
Axles: Front: 12,000 lbs.
Rear: 21,000 lbs.
Brakes: Bosch Hydromax
4 channel ABS

Lighting System:

2 - Halogen headlamps
2 - Stop/ tail lamps
2 - Turn signal lamps, front & rear
Cab marker lamps and rear clearance lamps
Warning beacon & emergency flasher lamps
Back-up lamps, automatic with audible alarm
License plate lamp

Wheels & Tires:

Wheels: Accuride 22.5" x 8.25"
Tires: Goodyear, 14 ply rating
Duals on rear axle

Options:

Call or see your dealer about the many manufacturer's options.



Brooms are free floating and fully adjustable, allowing them to follow the contour of the road. Convenient step included for servicing sweeper.



Python
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