



# ***Python 5000***

***Self-Propelled Pothole Patcher***

# 10 Reasons to Own a Python 5000

## 1 Produces Consistent, High-Quality Patches

The Python 5000 produces long-lasting patches, equal to the original surface quality.

## 2 Safe Work Environment

The operator never leaves the comfort of the climate-controlled cab. It's safer for other drivers on the road too!

## 3 Uses Readily-Available Materials

The Python 5000 uses all standard hot or cold asphalt mixes.

## 4 Fast!

The average pothole can be patched in about two minutes.

## 5 All-Weather Operation

The Python 5000 produces excellent patches in both hot and sub-zero weather.



# QUALITY PATCHES - QUICKLY

The Python 5000 represents a unique solution for your road repair problems while at the same time helping out with your budget. With road maintenance costs increasing faster than your budget can

accommodate, the Python 5000 may be the cost savings solution you have been looking for.

This one-person operated, self-contained unit travels quickly to the job - and then quickly and efficiently repairs all the potholes in sight. It takes the Python 5000 approximately two minutes to prepare the pothole, fill it and compact it into a patch that will last as long as the surrounding pavement.



## SAFETY FIRST

The Python 5000 cab is extremely comfortable and offers a high level of visibility. But even more importantly, it's safe for the driver-operator. All functions are carried out from the safety of the cab. No longer is the operator exposed to traffic, and no longer is the operator required to perform labour-intensive tasks, or work directly with the asphalt.



## EASY TO USE, EASY TO MAINTAIN

The Python 5000 is easy to operate. The operator doesn't need a commercial driver's license, and minimal training is needed to operate the Python 5000.

To access the hopper, the operator simply climbs a short ladder to a secure platform.

The Python 5000 employs a hydrostatic transmission, and its powerful turbo diesel engine is highly accessible for ease of maintenance.



**Python**  
mfg. inc.

**Y, SAFELY & ECONOMICALLY**

## **10 Reasons to Own a Python 5000**



### **HOW THE PYTHON 5000 WORKS**

The operator fills the hopper with the asphalt mix of choice - either hot or cold. The hopper keeps the asphalt at the desired temperature by capturing heat from the engine exhaust.

The operator drives the Python 5000 up to the pothole and, using in-cab controls, positions the multi-axis working arm over the top of the hole. All work is clearly visible to the operator. An air jet nozzle blasts water, dust, gravel and other debris from the pothole, providing a clean contact area for the patching material. Depending on the conditions, the operator may decide to spray the area with an emulsive tack oil.

The auger system carries the required amount of asphalt mix from the hopper and delivers it to the pothole. The multi-axis working arm provides the finishing touches, creating a compacted, finished patch in an average of two minutes.

The operator is then ready to move on to the next pothole, leaving behind a patch that's superior to those created by manual methods.

If desired, one of two optional systems can be used to keep the asphalt at the right temperature overnight.



### **6 Simple to Operate**

All functions controlled from inside the climate-controlled cab by a single joystick.

### **7 Maneuverability, Visibility & Quiet Comfort**

The Python 5000 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.

### **8 Large Hopper**

A 5 ton capacity hopper fills directly from the asphalt plant - and then keeps the material hot till it's ready to be used.

### **9 Highly Mobile**

The Python 5000 travels from job to job at highway speeds. And when the operator arrives at the job, he never has to leave the safe, climate-controlled cab.

### **10 Python 5000 Saves \$\$\$ and Makes \$\$\$**

Add years to the life of your roads and triple your maintenance productivity by moving from a truck and two-person patching system to the Python 5000.

### **6 Basic Tools**

- 1. Multi-Axis Working Arm**
- 2. Air Jet**
- 3. Auger & Conveyor Belt**
- 4. Screed (rake)**
- 5. Roller**
- 6. Tack Oil Applicator**

# Python 5000 Specifications

## DIMENSIONS

GVWR - 25,950 lbs.  
Total empty weight: 14,800 lbs.  
(5818 kg)  
Wheel base: 114 in. (2896 mm)  
Overall width: 94 in. (2388 mm)  
Overall Height: 106 in. (2692 mm)  
Overall Length: 246 in. (6248 mm)

## CAPACITY

Asphalt: 5 tons  
Tack Oil: 35 Gallons (158 litres)

## COOLING SYSTEM

Liquid Cooled Permanent Anti-freeze  
Radiator Front Area: 650 Sq. in. (4194 cu. cm)  
Radiator Thickness: 3 in. (76 mm)  
Fan Diameter: 20 in. (508 mm)

## AIR FILTER

2 Stage Dry Type

## ASPHALT TEMPERATURE CONTROL SYSTEM

Adjustable from ambient temperature to 200°F (93°C)

## OPTIONAL AUXILIARY ASPHALT HEAT SYSTEMS

240 volt electrical system  
OR  
240 volt electric with 10,000 watt generator

## WHEELS

Front wheels: 22.5 x 8.25 in. (572 mm x 210 mm)  
Rear wheels: 22.5 x 8.25 in. (572 mm x 210 mm)

## TIRES

Front Tire Size: 295/70R22.5  
Rear Tire Size: 295/70R22.5  
Load Range: H, 16 P.R.

## ELECTRICAL

Alternator: DC 12V 130A  
Battery: DC 12V 3 x 750 CCA  
Horn: Standard

## ENGINE

Manufacturer: John Deere EPA Tier 3, 4045 HF  
Power Rating: 173 BHP (129 kW)  
Rated Speed: 2400 rpm  
Peak Torque (1500 rpm): 476 lb.ft. @ 1500 rpm  
Displacement: 275 cu. in. (4.5 L)  
Optional: 2010 On-Road Certified Engine

## TRANSMISSION

Hydrostatic Drive System, Capable of 55 mph (90 km/hr)

## FUEL TANK CAPACITY

55 Gallons (209 Litres)

## INSTRUMENTATION

Fuel Gauge, Voltmeter, Tachometer W/Hour Meter,  
Speedometer W/Odometer, Water Temperature  
Gauge, Engine Oil Pressure Gauge, Auger  
Pressure Gauge, Hydraulic Oil Pressure Light

## FRONT AXLE

Gross Axle Rating (GAWR) 12,000 lbs (5455 kg)  
Steerable Drive Axle, Leaf Spring Suspension with air bags

## REAR AXLE

Gross Axle Rating (GAWR) 18,000 Lbs. (8182 kg)  
Leaf Spring Suspension

## LIGHTING

Headlights with Hi/Low Beam & Integrated Signal Lights  
Combination Turn/Tail/Brake Lights, Back-up Lights  
Side Marker Lights, Rear ID Lights  
Front & Rear Strobe Lights, Cab Mounted Work Lights

## OPERATOR CAB

Pressurized - Low Noise Level  
Heater and Air Conditioner

## STEERING

Tilt Telescopic Power Steering

## BRAKES

4 Wheel Disc Brakes, Hydraulic Assist Power Brakes  
with Electric Operated Fail-Safe System



>The Python 5000 is environmentally-friendly, saving energy by capturing engine exhaust to heat the asphalt. The standard John Deere engine meets EPA Tier 3 standards and the optional engine is 2010 On-Road Certified.

<The large arrow board clearly alerts traffic to the presence of the Python 5000 when it's on the job.



**Python**  
mfg. inc.

Your local dealer:

## Python Mfg. Inc.

1891 Albert St. N. P.O. Box 37120  
Regina, SK S4S 7K3 Canada  
www.pythonmfg.com info@pythonmfg.com  
Ph: 306-337-4440 Fax: 306-337-4441

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Printed in Canada 1005.