



**INNOVATION  
IN PRESERVATION**

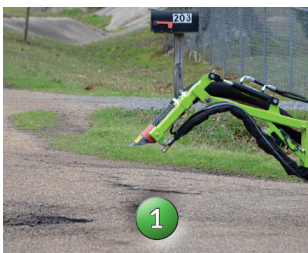
# P5

## One-Person Patcher with DuraPatcher™ Technology



### A Permanent Patch in Four Easy Steps:

DuraPatcher™ Technology allows you to patch in almost any weather conditions and eliminate labor-intensive, poor performing patches. The DuraPatcher™ 4 step process is easy to learn and adapts to many different pavement applications.



**1. Clean:**  
Use high volume low pressure air to clean the patch of debris.



**2. Tack:**  
Prep the patch with a coating of emulsion.



**3. Fill:**  
Inject emulsion coated aggregate and fill pothole.



**4. Coat:**  
Apply a light coating of clean aggregate and open to traffic.

### Maximize Your Budget

The DuraPatcher™ P5 is a safe, fast and simple pothole patching machine, operated by a single crew member, that minimizes public disruption and maximizes pavement repair efficiency.



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# THE NUMBER ONE COMPLAINT FOR PUBLIC WORKS... POTHOLES

Spray injection patching has been proven to be the most cost effective and longest lasting method of eradicating potholes and DuraPatcher™ has worked more than 35 years to refine that process and produce the most reliable pavement maintenance equipment in the industry.

## A JOYSTICK CONTROLS THE ENTIRE DURAPATCHER™ PROCESS

Operators learn quickly with simple and intuitive controls. Color-coded buttons on the joystick match the four steps in the patching process for a perfect patch on every application. Customizable computer controlled presets apply just the right amount of emulsion and aggregate to maximize efficiency without wasting materials. The unique articulated three section boom and directional nozzle moves proportionally with the joystick and thumb controller and can be positioned close to the patch for pin-point accuracy.

The joystick with its thumb and fingertip control is affixed to the operator's seat allowing total comfort all day. The status display is mounted on the drivers side window pillar, at eye level, keeping the operators eyes up and aware of the situation in front of and around the vehicle. No other components are inside the cab which provides excellent visibility and allows the operator to stay focused on the patching process and the vehicles surroundings. The display keeps operators informed of where they are in the application process along with emulsion tank level, and number of patches performed in the operators shift.



Intuitive joystick patcher control is color coded and easy to learn



Patcher status display is mounted at eye level for best operator performance



All controls are convenient to access and day-long comfortable



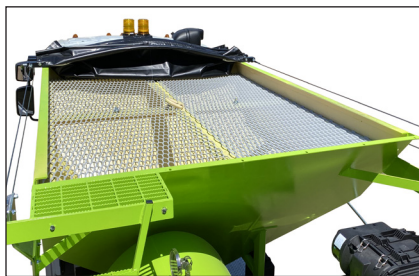
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### FULLY ARTICULATED APPLICATION BOOM

The DuraPatcher™ P5 application boom with best in class coverage area is capable of patching more than an entire lane width from the safety and comfort of the truck cab. The joystick control allows the operator to move the boom in any linear direction. A thumb control on the joystick moves the nozzle laterally for pin-point patching accuracy.

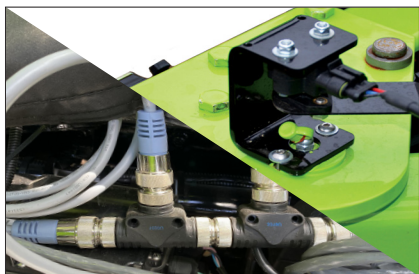


### LARGE AGGREGATE CAPACITY

The on-board covered five-yard aggregate hopper with vibratory rock shaker feeds the venturi via dual air operated slide gates. The hopper is sized to allow 2-3 aggregate fills for every 1 fill of the emulsion tank. The convenient in-cab application controller keeps track of the quantity of patches an operator has made during each shift.

### ALL-DAY EMULSION CAPACITY

The 300 gallon pressurized emulsion tank utilizes a 110 volt electric heating blanket system that keeps emulsion at application temperature overnight allowing the operator quicker start-up. R15 insulation around the tank and internal hot oil loop keeps the emulsion warm all day long during operation.



### SMART CONTROL SYSTEM

CAN-Bus technology is utilized throughout the DuraPatcher™ P5 operational control system. This eliminates excessive wiring and is the industry standard for reliability, easy troubleshooting and more simplistic repairs.

### HIGH VISIBILITY

For visibility and roadway safety, all DuraPatcher™ P5 units are painted bright hi-vis green, offer a large directional arrow board and include dual strobe lights on the truck cab and rear end of the machine. Keeping the operator and local drivers safe while the patcher is working is a key reason the DuraPatcher™ P5 was created.



**THE ONE-PERSON P-5** BRINGS LABOR SAVINGS AND SAFETY TO POTHOLE PATCHING BY KEEPING THE OPERATOR IN THE CAB AND OUT OF TRAFFIC.



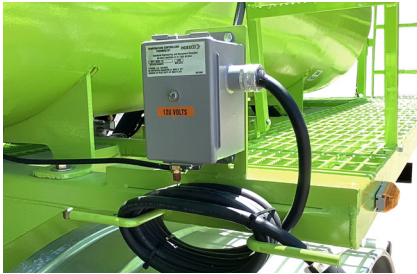
Vent-Flo™ Nozzle with Optional Heater



Vibratory Rock Hopper Shaker



Optional 30x60 Arrow Board



Thermostatic Overnight Heating System



Optional Rock Hopper Heating Blanket



Optional Rear View Camera System

## SPECIFICATIONS

### DuraPatcher P5 #301530

|                                 |                                |
|---------------------------------|--------------------------------|
| Emulsion Capacity               | 300 US Gallons                 |
| Aggregate Capacity              | 5 Yards                        |
| Tank Gravity Drain              | 3 Inch with Brass Ball Valve   |
| Tank Heating Method (Overnight) | Electric Blanket               |
| Tank Heat Rating                | 2 x 1500w (110v @ 15a)         |
| Tank Insulation                 | R15                            |
| Temperature Gauge               | 5 Inch                         |
| Engine                          | 74HP Tier 4 Final Diesel       |
| Patcher Fuel Capacity           | 18 Gallons                     |
| Clean-out Solvent Capacity      | 15 Gallons                     |
| Blower                          | 450 CFM, 10 PSI @ 1500 RPM     |
| Patcher Construction            | 10" Channel Main Frame         |
| Chassis                         | Kenworth K370 or Equivalent    |
| Chassis Transmission            | Allison 2500 6 Speed Automatic |
| Front Axles                     | 12,000 Lb. I-Beam              |
| Rear Axles                      | 21,000 Lb. (5.57 Axle Ratio)   |
| GVWR                            | 33,000 Lbs.                    |
| Warranty                        | 2 Year Limited                 |

Due to continuous improvement, specifications are subject to change without notice.



Learn more at [cimline.com](http://cimline.com)  
Phone : 800-328-3874 Email : [orders@cimline.com](mailto:orders@cimline.com)

## PRODUCTS FROM CIMLINE



ME3 350 Gallon Mastic Melter Applicator



P3 Two-Person Truck Mount Patcher with DuraPatcher™ Technology



T-Series Stationary Emulsion Storage Tanks