



T-7500 INJECTION PATCHING MACHINE

The NEXT GENERATION Road Repair System

WARREN
POWER
ATTACHMENTS

3 Easy Steps to

Costly, inefficient road repair has long been a thorn in the side of many people - from municipality and city officials to the taxpayers who use the road. The Total Patcher T-7500 is the cure for what ails them. **Use the Total Patcher T-7500 Road Repair System, and everybody wins!**

In only three simple steps, the **Total Patcher T-7500** allows the repair crew to quickly and efficiently create a **permanent patch** over potholes without having to roll over the pavement. Traffic gets moving again, road repair costs are minimized, and everyone is happy!

ECONOMICAL:

The **Total Patcher T-7500** pays for itself in many ways:

- Material cost is approximately **1/2 the cost** of cold mix
- Repairs last for years
- Store materials on-site for **increased efficiency**
- **No other equipment necessary** = aggregate is supplied by your dump truck - the **Total Patcher T-7500** does the rest!
- Produce **20 tons (or more)** of road repair patch **daily**

TOTAL PATCHER T-7500 WILL REPAIR:

- Potholes
- Alligator Cracks
- Shoulder Failures
- Utility Cuts
- Low Water Crossings
- Cracks (using crack seal attachments)
- Many other common road repairs



1 Clean area with on-board airstream.



2 Apply tack coat to area to be repaired.



3 Ap mi



Smoother Roads



Apply aggregate/emulsion mixture - you're done!

Bank -
features a
cap for
y and
e.

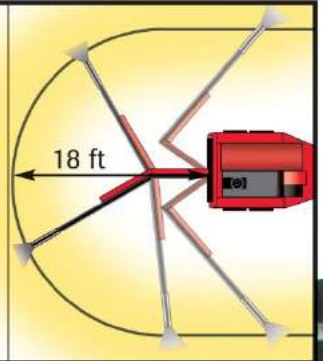
■ Free Travel Boom System -

The Boom System supports the weight of the aggregate hoses, making operating the T-7500 Total Patcher easier than ever! The Boom System allows an 18 ft working radius.

■ Operator Controls -

All operator controls for the throttle and aggregate flow are conveniently located at the handle.

The T-7500's Boom System swings around an 18 ft working radius.



BENEFITS/EASE OF OPERATION

✓	Produces 125 lbs of mix per minute/7500 lbs per hour
✓	Creates a permanent patch
✓	Uses common emulsions
✓	Low effort boom removes stress from operator
✓	All weather nozzle design provides total control
✓	Passes stones up to 2 1/2 inches without clogging
✓	Mobile emulsion heating system



■ Air Conveyor Aggregate Feed -

Hopper Box on Patcher receives aggregate via a 5-inch diameter flex hose from dump truck.

Total Patcher T-7500 Features:

EMULSION TANK:

- **Size** - 250 U.S. gal; 12-inch filler cap for added safety and convenience
- **Working Pressure** - 200 psi @ 500° F pressure relief set from 100-110 psi
- **Insulation** - R-15 rating with a fire retardant fiber reinforced plastic cover
- **Heat** - Two 1500w radiant heater blankets (120v) with thermostatic control

EMULSION LINE CLEAN OUT TANK:

- 15 U.S. gal pressure vessel rated at 200 psi @ 450° F pressure relief set at 100 psi

ENGINE FUEL TANK:

- 18.5 U.S. gal steel with quantity gauge

COMPRESSOR:

- Auxiliary driven 15 cfm continuous duty; governor regulator set @ 70-95 psi

BLOWER:

- 450 cfm with 7 psi (14 psi potential) @ 1500 rpm, approx. 42 BHP. Mounted directly off engine fly-wheel (requires no belts or pulleys). Protective air pop-off valve set at 10 psi. Normal operating temp under 230° F (max 275° F)

AIR CONVEYOR AGGREGATE FEED:

- Hopper box on patcher receives aggregate via a 5" dia flex hose from dump truck. Aggregate is injected into the air conveyor system via a low pressure suction created by a venturi (under the hopper box). Slide gate opens and closes by a 4" stroke air ram controlled through a 12v air solenoid valve activated by a remote switch located at operator control handle. Aggregate 1/4" - 1/2" size is normally used. Machine will run up to 1" aggregate, and will allow a 2 1/2" stone to pass through without clogging. Air solenoid valve has manual override for easy servicing.

AIR FILTERS:

- **Engine** - Paper element with vactuor valve in filter housing
- **Blower** - Paper element with 300 sq inches in filtration surface with foam pre-cleaner

MOBILE HEATING SYSTEM:

- Engine coolant is routed through a high efficiency heat exchanger filled with heat exchange oil. The heated oil circulates via a 12v circulation pump throughout the emulsion distribution system, including the emulsion storage tank, hoses, and spray nozzle. Average system temp is 140° F. The total patcher can work effectively down to an ambient temp of 20° F (using proper emulsion for those temperatures).

VENTED NOZZLE:

- Lightweight steel tube 3 1/2" x 13" automatically pressure compensates to prevent blowing material out of target area. Promotes clean operation and precise control. Emulsion dispenses through a single heated slot measuring 1" x 1/16" for 100% aggregate coating.

AGGREGATE HOSE:

- Aggregate travels the length of the machine via a 3 1/2" ID schedule 40 pipe, then travels through 3 1/2" ID rubber neoprene lined hose (wire reinforced to prevent kinks).

EMULSION SUPPLY/DIESEL CLEAN-UP LINE:

- A 20' long x 3/8" ID hose rated at 250 psi carries the emulsion to the spray nozzle. Emulsion lines are encased in an insulated line packet to allow for cold weather operation. This line also serves as the clean-up line when patching operations are completed. Clean up takes about 1 quart of liquid.

SWINGING HOSE CARRIER:

- **Easy Operation** - Free travel boom system supports the weight of the aggregate hoses. System allows an 18' working travel radius. All operator controls for throttle and aggregate flow are at the handle.

TRAILER:

- **Frame** - 6" x 2" x 1/4" thick rectangular tube frame
- **Axles** - Tandem 6,000 lb torsion bar for a 12,000 lb load capacity
- **Tires** - Four ST235-80 R16; load range D; heavy-duty white modular 8 lug rims
- **Brakes** - Four wheel electric with breakaway unit
- **Lights** - Brake & tail, side marker, multi-directional arrow board, rear mounted strobe
- **Dimensions** - 96" wide x 91" high x 198" long
- **Weight** - 5850 lbs empty, 8050 lbs full

Specifications subject to change without notice.



Nozzle allows precise control of spray to target area.



The hopper receives aggregate from the dump truck.



Optional Crack Seal Attachment good for sealing cracks before they become potholes.



Optional Water Flush Kit



Warren Power Attachments

4614 East 1000 North • Pittsboro, IN 46167

Toll Free: 866-892-4737 • Ph: 317-892-4737 • Fax: 317-892-5196

info@totalpatcher.com • www.totalpatcher.com

DEALERSHIPS AVAILABLE: Contact Warren Power Attachments for more information.

Export Sales:



J. D. Honigberg International

85 Revere Dr. - Suite D

Northbrook, IL - 60062 - USA

Tel: 847-412-0200

info@jdhintl.com

www.jdhpowerequipment.com