



PRAHA
LIGHTING

Máquina de asfalto

MODELO JAC4000

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Jet patching is new road repairing solution. It uses the high pressure air to push the emulsion and aggregate out through pipes and mix together evenly and patch the pothole. This procedure is simple, quick and free of asphalt mixture. It can repair pothole, alligator crack, track and road shoulder damage etc. It is of low cost, high efficient, durable and environment friendly.

MATERIALS SPECIFICATIONS



Aggregate:
3mm Φ <math>< 15\text{mm}</math> granite or geology, dry and clean.

Emulsion:
quick set quick break kation or anion emulsion, asphalt content 65-68%.

FEATURES

Apply compressed air to push the emulsion out, no pump; use less than 1 liter diesel to clean the whole pipe and nozzle, no need disassemble and soak whole parts. Every time spend 5 minutes to maintain this device.

Special design control handle, with suspension arm for easy operation and reducing operator's load.

Use air flow and gravity to delivery the aggregate; maximum 95KG aggregates per minute; low wearing in delivery system; affixed with air pressure feedback system, prevent aggregates jamming the pipe.

The delivery and mixing system is durable and stable. More than 20 years working experience witness this reliable. Aggregate is not splashed outside to hurt people. The operators are free of splashing asphalt. It can work on traffic condition or small space.

After years of investigating, the National Road Association of American approved, after this jet patching procedure, 97% of the pothole can work more than 5 years. Jet patching is approved to be the most efficient, economic patching solution.



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1
EQUIP LED WARNING SIGN, ENSURE CONSTRUCTION SAFETY



2
CONTROL HANDLE, EASY OPERATION



3
CUMMINS ENGINE, POWERFUL AND STABLE



4
PEDRO BLOWER, LONG LASTING

SPECIFICATIONS

Model	
Chassis	Dongfeng DFL1160BX18, 118KW
Overall Dimensions	8430x2450x2950mm
Gross weight	15800kg
Aggregate hopper	4m ³
Emulsion asphalt tank	800L
Engine	Cummins 4BT3.9-C80,80HP
Blower	PEDRO GIL 7.80~40.29m ³ /min
Air compressor	Cummins 0.183m ³ /min
Flushing tank	45L; Left pressure chamber 15L , Right pressure chamber 45L
Control handle	Control emulsion asphalt switch, aggregate delivery switch, engine RPM, vibrator switch, horn switch

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WORKING PROCEDURES



1

Potholes on pavement



2

Blow out loose aggregate, dust and water with compressed air



3

Spray one emulsion layer



4

Spray aggregate and emulsion mixture



5

Compact depend on the situation



6

After patching, the road is ready for traffic