

ASPHALT HOT BOXES HYDROG TR-4H



INTENDED USE

1. Pothole preparation with a hammer or a saw driven with a built-in hydraulic power unit
2. Spraying pothole with emulsified bitumen with a built-in bitumen emulsion sprayer
3. Feeding hot emulsified bitumen mastic with a screw conveyor and a chute with a turn plate

HYDROG HOT BOXES - BASIC FEATURES

1. Screw conveyor with adjustable speed and overload protection
2. Built-in air compressor for sprayer lance cleaning
3. The largest charging opening – compatible with all bitumen mastic manufacturers
4. Automatic heating system with independent bitumen mastic and emulsion temperature adjustment
5. Oil burner with sealed combustion chamber – the safest solution available
6. Side hatch for emergency bitumen mastic tank draining
7. Advanced diesel engine – Briggs & Stratton 3 cylinder, water cooled, 34 HP (fuel consumption 3.5 l/h)
8. Excellent bitumen emulsion mastic tank insulation – transport of hot bitumen emulsion mastic for several hours

COMPATIBLE LIFT TRUCKS

9. Truck chassis – frame (intermediate frame)
10. Trucks – boxes (locking ties)
11. Trailers 2-axle, tandem – logging, maximum speed 85 km/h
12. Trailers 2-axle, tractor – no logging, maximum speed 25 km/h

Chute with turntable for
bituminous concrete

Screw conveyor with overload
protection

Hydraulic sprayer with lance

Hydraulic line 20 l/min, 150 bar
for demolition hammer or
diamond cutter



Possibly the largest charging
opening

Compatible with all bitumen
mastic manufacturers

Safe top hydraulic gate

Cover operation via control
panel

Machine storage on adjustable
support legs

Fast mounting on the lift truck



Simple and ergonomic control
Automatic burner controller

Individual bitumen mastic and
emulsion temperature
adjustment

Built-in automatic air
compressor

Easy access to fuses

TECHNICAL DATA

Bituminous concrete tank capacity	4.5 m ³
Screw conveyor drive	right / left, hydraulic with overload protection
Top charging opening	hydraulic, dimensions 1170 mm x 1580 mm
Tank casing	aluminium, checkered
HEATING	oil burner with sealed combustion chamber
- burner control	automatic - thermostat
- controlling and maintaining bituminous concrete temperature	yes
- controlling and maintaining emulsified bitumen temperature	yes (with a sprayer)
- heating oil consumption	1 ÷ 3 Vh
- thermal insulation	100 mm, mineral wool with reduced thermal transmittance
- bitumen mastic temperature drop - no heating	1 °C / h
BITUMEN EMULSION SPRAYERS with manual lance	optional
AIR COMPRESSOR with pneumatic system	optional
HYDRAULIC power unit	yes
- combustion engine	23 HP, 3-cylinder, diesel Briggs & Stratton, air cooled or 26 KM, 3-cylindr, Diesel Perkins water
- external hydraulic output	20 l/min, max. 140 bar
- available tools	demolition hammer, cutter, diamond core cutter, water pump etc.
Working lights + flash	Yes
Dimensions (L x W x H)	4,135 x 2,200 x 1,954 mm

