



SpotMix 150

4-9 Ton/h Mobile Asphalt Plant

Capacities

Loading Skip	150kg
Mixer	150kg
Main Fuel Tank	200lt
Bitumen Tank	300lt
Burner Fuel Tank	80lt
Batch Heater	150kg

Outputs

Cold Mix tonnes/h @ 65°C	7-9
Hot Mix tonnes/h @ 110°C	5-7
Hot Mix tonnes/h @ 150°C	4-5

Weight 5 tonnes

Features:

- Fully mobile road towable
- High reliability with low maintenance
- High efficiency burner
- Batch heater with no wastage
- Proven performance

Loading Skip in loading position



Loading Skip in discharge position



SpotMix is a single road towable asphalt batch mixing plant which is ideal for small paving and patching jobs. Complete with feed skip, dryer, mixer and bitumen controls. The SpotMix can quickly and easily be moved to site and rendered operational within minutes.



Loading skip	-	150kg capacity hydraulic operation
Batch heater drum	-	150kg capacity, heavy duty
Oil burner	-	Hydraulically driven 544kW
Mixer	-	150kg twin shaft
Bitumen tank	-	300 litres capacity with temperature gauge and vapourizing oil burner
Bitumen fuel tank	-	80 litres capacity free standing, pressurised
Bitumen ring main	-	Hydraulically driven pump with lagged bitumen ring main incorporating flow meter
Diesel engine	-	Air cooled electric start developing 14kw at 1850 rpm
Fuel Tank	-	200 litres capacity
Hydraulic system	-	125 litres capacity
Ancillaries	-	Operator guarding, access platform with ladder, central lubrication system
Running gear	-	Chassis mounted, comprising single axle with pneumatic tyres
Brakes	-	Dual system with mechanical over-run and single line air operation, parking brake
Support legs	-	Four base mounted screw jacks for plant levelling



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Batch heater drum



Batch heater light diesel oil burner



Diesel engine power drive

TRAVELLING DIMENSIONS:

Height 3305mm
Width 2360mm
Length 4800mm

CONTAINER DIMENSIONS:

Height 2500mm
Width 2270mm
Length 3675mm

WORKING DIMENSIONS:

Height 4100mm
Width 2500mm
Length 3500mm

LOADING SKIP - 150 kgs capacity convenient for hand feeding by shovel, skip raised and lowered by double acting hydraulic ram controlled by a three position valve to hold skip in any position.

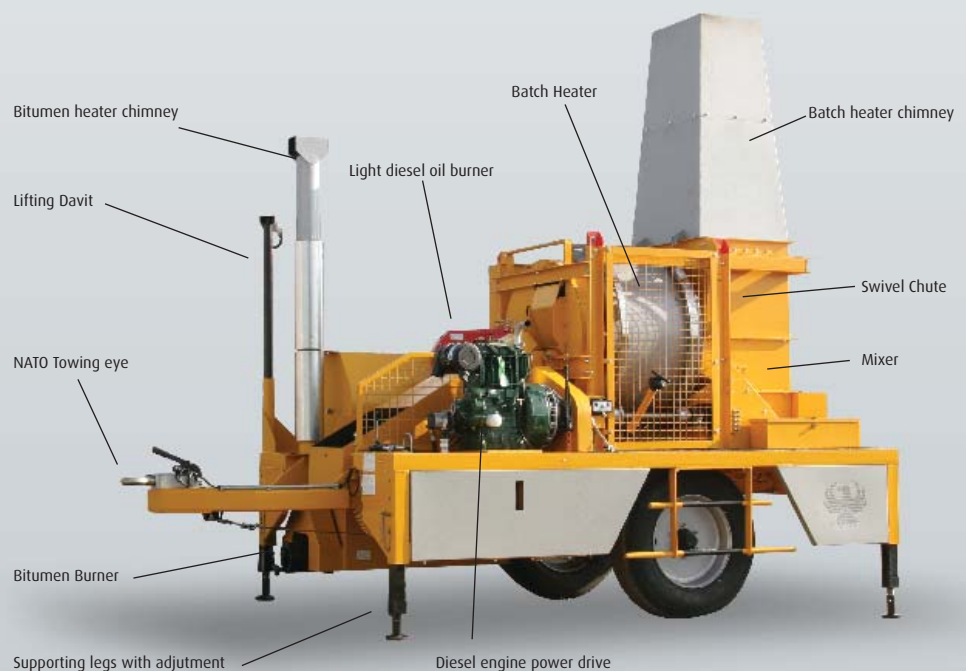
BATCH HEATER - 150 kgs capacity heavy duty drum with specially designed lifters to cascade material through the burner flame. Drum is supported on two machined roller paths and four heavy duty rollers.

SWIVEL CHUTE - Hydraulically operated swivel chute delivers heated aggregate to the mixer. A safety fire door between heater and mixer is linked to the chute sealing off mixer during high flame heating. Coarse dust is collected in an expansion box above the mixer when discharge gate is opened.

MIXER - 150 kg capacity, double shaft contra-rotating mixer with hard wearing removeable steel liners and paddles, shafts are mounted in bearings and driven directly from engine; via counter shaft and roller chain. Manually operated outlet door for rapid discharge of mixed material.

BITUMEN TANK AND SYSTEM - Bitumen heating/storage tank - Capacity 300 litres, drum holder above the tank will hold a 200 litre drum of bitumen. Bitumen tank is heated by light diesel oil vapourizing burner, capacity 13.5 litres/hour. Manually operated barrel hoist for lifting barrels into the drum holder. Bitumen pumped by hydraulically driven gear pump through a ring main system and off/on valve to spray bar. Meter records the amount delivered. Main bitumen pipework is lagged.

POWER UNIT - Air cooled diesel engine developing 14kW / 1850 rpm on load and using light diesel oil, with air filter, Oil filter and exhaust silencer. Electric start, direct clutch power take-off at flywheel end drives transmission for both heater drum and mixer.



All reasonable steps have been taken to ensure the accuracy of this publication, however due to continual product development, we reserve the right to change specifications without notice.

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