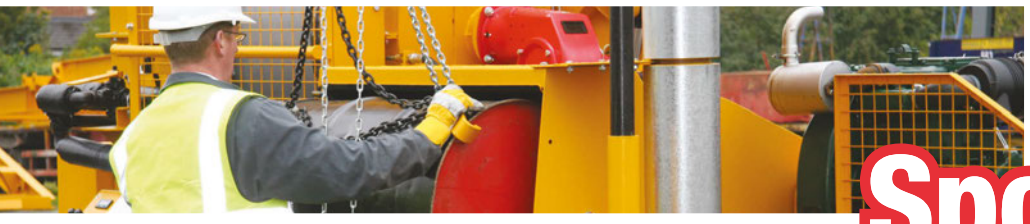
Parker
PLANT LIMITED



SpotMix 150

Mobile Service Maintenance Equipment

Quality Engineered
Excellence Since 1911

4-9 t/h Asphalt Batch Heating & Mixing Plant

- Fully mobile road towable asphalt patching plant
- High reliability with low maintenance
- High efficiency burner
- Batch heater with no wastage
- Proven performance in the field
- Localised greasing point

The Parker **SpotMix 150** 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 150 can quickly and easily be moved to site and rendered operational within minutes.

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.

Pivoting 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 removable 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 - 300 litre bitumen heating/storage tank with drum decanting facility. Bitumen tank is heated by light diesel oil vaporising 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.

Power Unit - Air cooled diesel engine developing 14kW / 2500 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.

Specification

	Units	
Capacities		
Loading Skip	kg	150
Batch Heater Drum	kg	150
Engine Fuel Tank	L	200
Bitumen Tank	L	300
Burner Fuel Tank	L	80
Batch Mixer	kg	150
Diesel Engine @ 2500rpm	kW	14
Hydraulic System	L	125
Output Capacities (Temperature Mix / Moisture Content)		
Cold Mix @ 65°/3%	t/h	7 - 9
Hot Mix @ 110°/3%	t/h	5 - 7
Hot Mix @ 150°/3%	t/h	4 - 5

Dimensions

	Units	
Travelling Dimensions		
Height	mm	3305
Width	mm	2360
Length	mm	4800
Weight	kg	5000
Container Dimensions		
Height	mm	2500
Width	mm	2270
Length	mm	3675
Operating Dimensions		
Height	mm	4100
Width	mm	2500
Length	mm	3500

Batch heater drum

Batch heater light diesel oil burner

Diesel engine power drive with hydraulic pump connection

Bitumen drum loading via lifting gantry

APR26

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