

Specification of Belspray direct-from-drum motorised sprayer for bitumen emulsion

BSBP: Pump Unit with Petrol Engine



Technical Information

Chassis	Tubular frame with wire mesh cover fitted with 4 No rubber feet
Pump	Albany crown gear type pump with relief valve set at 65 psi.
Plumbing	A filter is fitted on the inlet plumbing. An overload valve is fitted on the outlet plumbing set at 65 psi
Engine: Petrol	Briggs & Stratton engine with 6:1 reduction gear box direct coupled to pump. Alternative petrol engines offered: • Honda GX120HX or Robin EY120
Suction pipe/hose	Suction pipe: 1.2m long with strainer Suction hose: 25mm flexible smooth bore hose; 1.8m long
Delivery hose	Oil delivery hose; 30 metres x 13mm dia bore.
Spray lance	Spray lance, 13mm dia bore x 2 metres with handle complete with brass spray jet.
Rate of spray	20 to 25 litres per minute depending on engine speed.
Bitumen emulsion	Cold emulsion: Grade K1.40 or K1.60 These sprayers are not suitable for pumping cold K1.70. Some customers have used them for spraying warm K1.70 (80 degrees Centigrade). Cut back bitumen emulsion can also be used.

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