

Bitumen Sprayer

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TANK

Tank is fabricated by a 5mm MS sheet and is coated by 40 mm glasswool. This is done to prevent heat loss. The outer covering is galvanized. Galvanized tank is better as it has long life due to its anti-corrosion properties. Tank heating is by a first stage. Heating pipeline of diameter 6 inches and second stage is 6 inches. Manhole for maintenance or to all bitumen tank is of 500mm X 600mm. Manual Temperature gauge is provided for temperature display upto 300 Degrees Celsius.



BURNER

Single high pressure oil burner for adequate heating of viscous binder with oil consumption of 7-8 Liters/hrs. Burner compatible with Diesel.



ENGINE

Single stage air cooled diesel engine of 6.5 HP at 1500 RPM, Engine powers bitumen pump and air compressor. Fuel consumption is 0.7-1 Liters per hour.



BITUMEN PUMP AND AIR COMPRESSOR

Both bitumen pumps and air compressor are engine driven. Bitumen pump is connected to the engine by a manual clutch. Just engaging the clutch will activate the pump. Bitumen pump gear type 200 to 300 Liters per minute. 2 HP Single piston air compressor is provided.

TECHNICAL SPECIFICATIONS

BITUMEN TANK	Capacity	3000
	Liters Shape	U Shape
	Insulation	40 mm thick with glass wool
	Temp. Gauge	0-300°C
	Main hole	450 mm in diameter
	Mounting	Self chassis mounted on wheels
MANUAL HAND SPRAYING	Pipe Length	3 meters
	Type of Pipe	S.S. corrugated hose pipe
	Spraying Pressure	0-3 Kg./cm ²

BITUMEN PUMP	1.5" x 1.5" Size positive displacement gear pump with output of 200-300 liters/min.
AIR COMPRESSOR	Standard make Air compressor
BURNER	Fuel consumption 7-8 liters/hour
ENGINE FUEL TANK	Capacity 5 liters
BURNER FUEL TANK	Capacity 20 liters
ENGINE	Standard make air cooled diesel engine powered by 6 HP.

Packing and Delivery



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Regd. Office :

Plot # 5, Rudra Industrial Estate,
B/h. Rudra Sensor, In Panchratna Estate,
Ramol, Vatva, Ahmedabad - 382 445. Gujarat, INDIA.

☎ : +91 - 79 - 2909 5000

☎ : +91 - 79 - 2909 5100

☎ : +91 - 98794 30770

✉ : sales@vinayakequipments.com

🌐 : www.vinayakequipments.com

📘 : www.facebook.com/vinayakequipments

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