BITUMEN SPRAYER

VARIANTS: 3 Tons

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ATLAS INDUSTRIES

ATLAS is one of INDIA'S leading manufacturers of road and civil construction machinery. We specialize in delivering professional-grade solutions for customers.
ATLAS INDUSTRIES is an ISO 9001 : 2008 company engaged in design, development, manufacturing, marketing and servicing a complete line of Asphalt Drum Mix Plants, Wet Mix Macadam Plants, Concrete Batch Mix Plants, Bitumen Pressure Distributors and Mechanical Brooms.

WHEN YOU WORK WITH US, YOU CAN EXPECT:
PROFESSIONALISM: We're dedicated to providing exceptional service to our clients by being responsive, effective, and reliable.
PERSISTENCE: We do things the right way, even when it's the hard way. We'll always seek to do what's best for you and your company.
PRECISION: We're proud of every job we do.
EXPERIENCE: With 30+ years of experience in manufacturing road construction equipments we know exactly what we're doing.
QUALITY: The best quality products in the business.

BITUMEN TANK

Tank is fabricated by a 5 mm MS sheet and is coated by 40 mm glass wool. 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 8 inches and second stage is 6 inches.

Manhole for maintenance or to fill the bitumen tank is if 600 mm x 600 mm.

Manual temperature gauge is provided for temperature display up to 300 Degrees Celsius.

TEMPERATURE GUAGE

BURNER

Single high pressure oil burner for adequate heating of viscose binder with oil consumption of 7-8 Liters/ hrs.

Burner is compatible with Diesel.

ENGINE

Single stage air cooled diesel engine of 6.5 HP at 1500 RPM.

Bitumen pump and air compressor are engine driven.

Fuel consumption is 0.7 - 1 liters per hour.

BITUMEN PUMP & AIR COMPRESSOR

Both bitumen pump 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.

The air tank comes with a cock which can be fitted with a pipe for road cleaning.

BITUMEN PUMP

AIR COMPRESSOR

RETURN LINE

Return line is provided to transfer the extra bitumen into the tank.

Pressure in the hand spray nozzle can be regulated by opening and closing the cock given on the return line.

CLEANING SYSTEM

A cleaning system is provided with the sprayer near the bitumen pump.

At the end of day bitumen flow has to be off and entire spray line and hand spray nozzle can be cleaned by using air pressure and diesel.

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