



ASPHALT DISTRIBUTOR / BITUMEN SPRAYER

SKID MOUNTED ASPHALT DISTRIBUTOR / BITUMEN SPRAYER

- ✓ Suitable for bitumen and emulsion spraying.
- ✓ Suitable to be mounted on standard truck chassis.
- ✓ Available bitumen storage tank capacities of 4000 ltrs., 6000 ltrs., 8000 ltrs. & 10000 ltrs.
- ✓ Bitumen tank and functional components like diesel engine, bitumen pump, air compressor etc. fitted on heavy duty frame, fabricated from structural steels, to make a single unit.

Bitumen tank is elliptical in shape and is insulated by cera wool & covered by galvanized, aluminum or stainless steel sheet as per customer's requirement. Constructional features of bitumen tank are baffle plates for load stabilization in motion, U-shaped flue tubes for maximum heat transfer, manhole for bitumen filling and inspection.

Prime mover is air cooled diesel engine generating 25 H.P. @ 2000 rpm.

Burner is manually fired high pressure jet type or optionally auto-ignition type suitable to use LDO/Diesel as fuel.

Pump is positive displacement internal gear type and hot oil jacketed.

Air Compressor is twin cylinder, 3.0 H.P., 360 LPM capacity with working pressure of 9 Kg/cm².

Foldable Spray Bar with a basic width of 2.4 mtr. and extendable up to 4.2 mtr. The fully circulating spray bar delivers bitumen at pressures ranging from 0- 6 kg/sq m. The bar is supplied with nozzles at a standard pitch of 225 mm, pneumatically operated and easily adjustable.

Hand Spray Bar attachment with shut-off valve is provided for spraying of bitumen in narrow or irregular shaped areas that are inaccessible to the spray bar.

Controls & Gauges are provided to deliver a uniform and precise amount of asphalt at desired temperature and rate.

TROLLEY MOUNTED BITUMEN SPRAYER

Trolley Mounted Bitumen Sprayer with 600 ltrs., 1000 ltrs. or 2500 ltrs. storage capacity bitumen tank fabricated from 4 mm thick M.S. plate and is insulated with cera wool to minimize the heat loss.

This tank is mounted on frame constructed from structural steel. Single / two nos. axles each with two nos. pneumatic tires are fitted to the chassis to make it suitable to be towed / trailed by tractor or some other vehicle. Tow bar is also fitted to the sprayer for the towing purpose.

The Bitumen Burner is LAP (Low Air Pressure) manually fired and suitable for kerosene, LDO and Diesel as fuel. Air Compressor / Air Blower provides the necessary air for burner to fire.

Single Cylinder, Air Cooled Diesel Engine is used as prime mover which supplies power to Air Blower & Bitumen Pump.

Positive Displacement Gear type Bitumen Pump is fitted with bitumen lines to pump the bitumen to spray bars.

Flexible Hand Spray bar with nozzle is provided for spraying the bitumen. This hand spray bar facilitates spraying of the bitumen on pavements, corners and other areas which are not accessible by the sprayer trolley.

