

MINI BITUMEN SPRAYER | TAR SPRAYER | 3 TONS

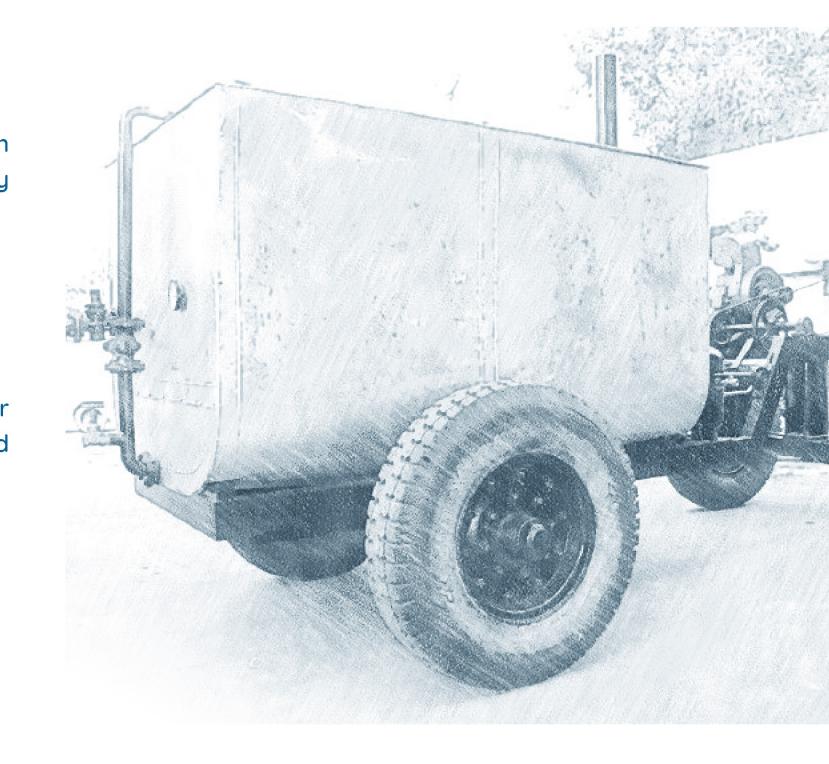
Atlas manufactured mini bitumen sprayer is available in capacities 3 tons per hour. The sprayer is built to perform in tough Indian conditions. Tar sprayer comes equipped with burner, engine, pump and air compressor. Spraying is by a hand spray nozzle.

MAJOR COMPONENTS OF SMALL BITUMEN SPRAYER ARE

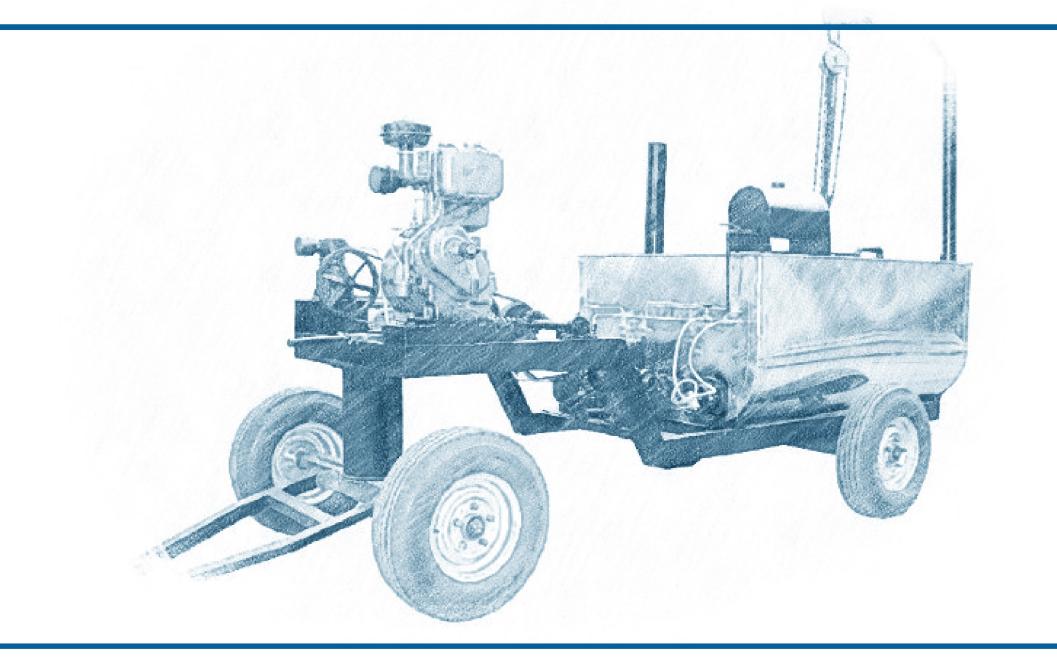
There is a great demand for small bitumen sprayers because they are easy to use. The components of mini bitumen sprayer are all laid out nicely to offer maximum performance. The running cost is low. This tar sprayer can also be easily towed and taken to remote places where bigger sprayers cannot go.

- STORAGE TANK
- BURNER
- ENGINE
- BITUMEN PUMP AND AIR COMPRESSOR

- SPRAYING SYSTEM
- CLEANING SYSTEM
- CHAIN BLOCK
- TOWING HOOK









STORAGE TANK FOR BITUMEN

Tank is fabricated by a 5 mm 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 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 guage is provided for temperature display upto 300 Degrees celcius.



BURNER

Single high pressure oil burner for adequate heating of viscose 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

Pump and air compressor are engine driven.

Pump is connected to the engine by a manual clutch. Just engaging the clutch will activate the pump. Bitumen pump is gear type 200 to 300 Liters per minute.

2 HP Single piston air compressor is provided.



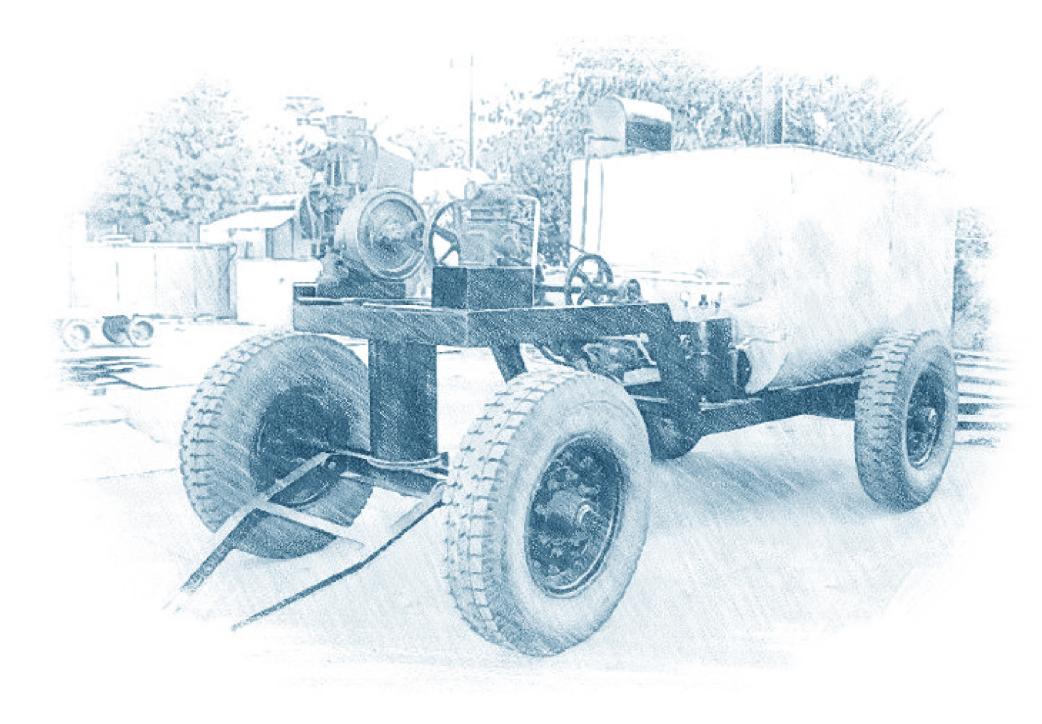
RETURN LINE

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.



ATLAS GLOBAL INSTALLATIONS



ATLAS EQUIPMENTS

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