

Bitumen Spray Machine



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Tractor linked tyre mounted Bitumen-Emulsion Sprayer with Compressor for road dust cleaning is developed for tack / prime coat by hand spraying arrangement and intermittent spraying application with road dust deaning also. This equipment is capable of applying uniform coating of Hot Bitumen & Emulsion on specified surface. A perfect cleaning system cleans the bitumen/ emulsion pipe-line after use.

SCOPE OF SUPPLY

- .L.A.P Burner
- .Bitumen-Emulsion Pump
- .Perfect cleaning system for bitumen pump & spray pipe
- .Fuel Tank

- .Spraying pipe length up to 5 mtr.
- .Spray Gun with fine spray nozzle.
- .Dial Temperature Meter.
- . Heavy Rubber tyres.

BITUMEN SPRAY MACHINE



Bitumen- Emulsion Sprayer with Compressor



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Tractor linked tyre mounted Bitumen-Emulsion Sprayer with Compressor for road dust cleaning is developed for tack / prime coat by hand spraying arrangement and intermittent spraying application with road dust cleaning also. This equipment is capable of applying uniform coating of Hot Bitumen & Emulsion on specified surface. A perfect cleaning system cleans the bitumen pipe-line after used. Spraying pipe length up to 5 mtr. & dust cleaning pipe length up to 10 mtr. Machine fitted drum loading system with chain pulley block of 1 Ton capacity.

SCOPE OF SUPPLY

Kirlosker/Standard Make 10 HP air cooled diesel engine

- Spray Gun fitted with fine spray nozzle & 2-wooden
- Suitable Twin Lob Type Compressor of Free Air Delivery handle 150 M³/ Hour & Differential Pressure 0.7 Kg / cm² for

- 3 to 5 mtr. S.S. Corrugated Flexible hose pipe for Road Dust Cleaning with Pipe & Air Gun.
- Bitumen & R-2 grade rubber hose pipe for Emulsion
- Air Compressor
- 5 to 10 mtr. Flexible hose pipe for road dust cleaning

BITUMEN SPRAY MACHINE

TRACTOR LINKED TYRE MOUNTED BITUMEN-EMULSION SPRAYER WITH COMPRESSOR FOR ROAD DUST CLEANING IS DEVELOPED FOR TACK / PRIME COAT BY HAND SPRAYING ARRANGEMENT AND INTERMITTENT SPRAYING APPLICATION WITH ROAD DUST CLEANING ALSO. THIS EQUIPMENT IS CAPABLE OF APPLYING UNIFORM COATING OF HOT BITUMEN & EMULSION ON SPECIFIED SURFACE.



- Spray Gun fitted with fine spray nozzle & 2-wooden handle
- Air Compressor
- 3 to 5 mtr. S.S. Corrugated Flexible hose pipe for Bitumen & R-2 grade rubber hose pipe for Emulsion
- L.A.P. Burner
- 5 to 10 mtr. Flexible hose pipe for road dust cleaning purpose
- Drum loading systems
- Bitumen- Emulsion Pump
- Chain pulley block (Cap. 1 ton)
- Perfect cleaning system for bitumen pump & spray
- Dial Temperature meter

BITUMEN PRESSURE DISTRIBUTOR



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BITUMEN PRESSURE DISTRIBUTOR (TRUCK MOUNTED)

Because, we are 'the best' in all respect - for high productivity, best performance & ample profitability.

"KALSI" is a leading supplier of Bitumen Pressure Distributor (Truck Mounted) and machinery, with the focus very firmly on road building. Ever since we established, we have been setting benchmarks in the road-building industry, thanks to countless innovations and solutions which are as competitive as they are dependable. True to our motto - "High Productivity, Performance & profitability" - we gear our activities totally to the needs and requirements of our clients across the globe.

'KALSI' Bitumen pressure distributors (Truck Mounted) gives uniform, unbroken and prescribed quantity of hot bitumen or emulsion. These units can be supplied as a module to suit mounting on customer's truck chassis or can be supplied completely along with standard truck chassis.

The 'KALSI' Bitumen pressure distributors (Truck Mounted) series offers customers the finest & proven technical solution, with international product support, latest generation process controls and automation together with total installation and site support, aimed to deliver productively and profitably.

MODELS AVAILABLE WITH RATED CAPACITY IS

- ♦ (Cap. 4 Tons)
- ♦ (Cap. 6 Tons)
- ♦ (Cap. 8 Tons)
- ♦ (Cap. 10 Tons)

'KALSI' horizontally folding spray bar is supplied with a basic width of 2.4 Meter extendable up to 4.2 Meter or optionally up to 4.5 Meter. The Fully circulating spray bar can deliver bitumen at pressures ranging from 0-6 kg/sq m. All units are supplied with an inbuilt bitumen charging / loading system. The bar is supplied with nozzles at a standard pitch of 225 mm, pneumatically operated and easily adjustable.

The unit has a built in heating system with a high capacity burner to heat the bitumen to the required temperature. Various fuel options as well as burner options are offered on specific requests. The Insulated Storage tank clad with Industrial gauge steel sheets built strictly to Industrial codes for storing, handling and transportation of Hot Bitumen. The cladding is optionally available in a wide range of options ranging from Galvanized, Aluminium or Stainless steel sheets.

Each unit comes loaded with a speed detection & driver control system, twin cylindered air compressor, 25 HP air cooled diesel engine, High capacity positive displacement internal gear type asphalt pump, remote control station, hand spraying attachment and barrel heating arrangement.

A unique pressure cleaning system is a standard, which cleans the system after use and avoids clogging at the end of days work. This reduces the up time for the next day or at next job site.

- ♦ Designed to suit standard truck chassis
- ♦ Fully - insulated tank with high efficiency heating system
- ♦ Air cooled diesel engine and positive displacement gear pump
- ♦ Unique pressure cleaning system
- ♦ Bitumen tank cladded with G.I. sheet
- ♦ Suitable for bitumen emulsion
- ♦ Safe and ease of operation
- ♦ Totally factory tested, arrives ready to launch
- ♦ Specially Design as per Country Department or Customer Requirements

"KALSI" has rich experience in the field of Road Construction machineries especially in road construction coupled with the world best technology, guarantee, reliability and productivity In addition, our stringent quality control checks and wear tests ensures higher quality for all our machineries.

To know more or to upgrade your existing plant system with remote assistance, please don't hesitate call us now.

WE ASSURE OUR ALL CUSTOMERS THAT WE WILL PROVIDE THEM THE BEST QUALITY MACHINES AT AN ECONOMICAL COST - PROMPT SERVECES - BEST CO-OPERATION ALWAYS.



LET'S BUILD QUALITY ROADS



TRACTOR MOUNTED BLOWER (ROAD CLEANER)



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TRACTOR MOUNTED BLOWER (ROAD CLEANER):

KALSI INDUSTRIES manufactures multi-stage blowers for use where relatively high pressures at low airflow rates are required. The gas or air passes through two or more impellers, being channelled from one impeller's outlet to another's inlet. The impellers are radial-bladed or backward curved, depending on the application and duty required.

- Tractor mounted
- Belt and pully system
- Single and Dual Impellor
- High Pressure
- 2200 RPM To 2800 RPM
- 13ft Rubber Pipe

BITUMEN SPRAY MACHINE



BROOMER (ROAD SWEEPER)



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(Sweeping width 2.25 meters)



Nylon Bristles ensure proper cleaning on WMM, Asphalted surface and WBM - Metaling surface.

The angular screw type brush section sweeping and pushing dust to left hand side of road.

3 nos. height adjusting screws with operating handles are provided for perfect and firm contact of brush roller with ground during sweeping plain or slopped ground surfaces of road. Roller is lifted using these 3 screws, while in transporting the machine. Screw type handle to adjust the brush section to earthing the road surface for sweeping. Total three such handles for adjustment up - down height for traveling and sweeping.

SLOPE ADJUSTING SCREW



DUST COVER

TECHNICAL SPECIFICATION

MODE OF OPERATION	Manual Broom by tractor .
SWEEPING WIDTH	2.25 meter clear sweeping in hyd. Broom.
DUST COLLECTION	Left hand side.
SWEEPING ADJUSTMENTS	Adjustable on both sides as per the Slope of Road.
WHEEL	Two Heavy Duty Wheels.
MATERIAL OF BRUSH	Harden Nylon Bristles.
SUITABLE TO USE FOR	Metaling Surface (WBM). Wet Mix Macadam Surface. Asphalt Road Surface.

SWEEPING SPEED	7 to 15 Km/hr.	DIAMETER OF BRUSH	450 mm
RUNNING SPEED	25 Km / hr.	WHEELS FOR DRIVE	2 Nos. Tyre

(Note : Specifications / Descriptions / Dimensions are indicative and subject to change without notice due to modification alteration or custom engineering)

Hydraulic BROOMER (ROAD SWEEPER)



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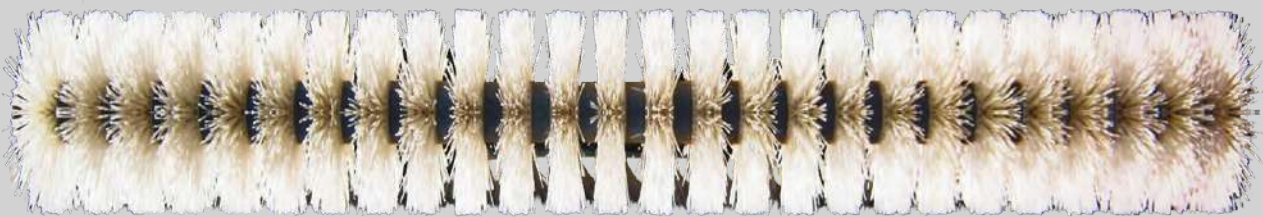
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(Sweeping width 2.00 meters)



TECHNICAL SPECIFICATION

Mode of Operation	Hydraulic Broom by tractor hyd. system.
Sweeping width	2 meter clear sweeping
Dust collection	In Bucket
Material of Brush	Harden Nylon Bristles.
Suitable to use for	Wet Mix Macadam Surface. & Asphalt Road Surface.

Sweeping Speed	7 to 15 Km/hr.	Diameter of Brush	450 mm
Running Speed	25 Km/hr.	Wheels for Drive	2 Nos. Solid Rubber Tyre

(Note : Specifications / Descriptions / Dimensions are indicative and subject to change without notice due to modification alteration or custom engineering)