

## ROAD CONSTRUCTION MACHINERY PRODUCTS RANGE

COMMITTED FOR SUPERIOR QUALITY - RESULTS & SERVICES

### ASPHALT BATCH MIX TYPE HOT MIX PLANT (As per Specification of MORTH)



MODEL	PLANT CAPACITY-TPH	MODEL	PLANT CAPACITY -TPH
KBP-1500	120	KBP-2000	160

**KESAR** Offer above capacities of batch plants at an average 3% initial moisture content in cold aggregate at 45seconds batch cycle time:

We, Kesar Road Equipments India Pvt. Ltd. are one of the leading manufacturers / suppliers of major road construction equipments in all over the world like: Asphalt Drum-Mix Plants, Wet-mix Macadam Plants, Asphalt Hot Mix & Wet-mix Paver Finisher & Bitumen Pressure Distributor, Bitumen Emulsion Sprayer, Road Sweeper, Bitumen Drum Decanter etc. since last 17-years in World road industry.

Kesar Asphalt Batch Mixing Plants are specially designed to suit All Nation's normal aggregate conditions, input dust levels, average moisture content, government's environmental pollution control standards, fuel availability and asphalt hot-mix production variables for every road project around the World.

Therefore, our customers have absolutely no surprises to see a full capacity range of batch plants. Kesar batch plants reflect one of the most exhaustive plant systems available in Indian market. Standard configuration of our systems is perfectly matched to the plant capacity, production demands and site requirements of each plant model.

Kesar Asphalt batch plant produces high quality asphalt mix and its popularity lies in the fact that we guarantee rated production of final mix with minimum maintenance, fast plant delivery and the best after sales services to our valued customers.

The Standard configuration of the plants comprise of the following units :

- ◆ Cold Aggregates Bin Feeders
- ◆ Over Size Removal Vibrating Screen
- ◆ Slinger Conveyor Unit
- ◆ Dryer Drum
- ◆ Hot Elevator
- ◆ Batching Tower
- ◆ 4-Deck Vibrating Screen
- ◆ Hot Bins
- ◆ Weigh Bins
- ◆ Pug Mill Mixer Unit
- ◆ Bag Filter
- ◆ Bitumen Heating & Storage Tank
- ◆ Mineral Filler Unit
- ◆ Fuel Tank
- ◆ Fully Automatic Control Panel
- ◆ Weather Proof Control Cabin.
- ◆ Thermic Oil Heater

“LET'S TOGETHER & BUILD QUALITY ROADS”

## ASPHALT DRUM MIX TYPE HOT MIX PLANT (As per Specification of MORTH)



**KESAR Stationary Asphalt Drum Mix Type Hot Mix Plant** is the Synonym for High Quality. Top notch performance, Lower operating costs, Superb Service back up. Translating into productivity & return in turn High profits for the customer. Conforming to international standards the DM range of Asphalt Plants also conforms fully to the latest MORTH (Ministry of Road Transport & Highway) specification. The Drum Mix Type Hot Mix Plants has a class engineered to last, Standard Make Bought outs, precision engineering, quality processes and procedures with Kesar's rich experience ensure the pride in owning. The Standard configuration of the plants comprise of the following units :

- ♦ Cold Aggregates Bin Feeders
- ♦ Over Size Removal Vibrating Screen
- ♦ Slinger Conveyor Unit
- ♦ Drying & Mixing Unit
- ♦ Load Out Conveyor Unit
- ♦ Bitumen Heating & Storage Tank
- ♦ Fuel Tank
- ♦ Mineral Filler Unit
- ♦ Fully Automatic Control Panel
- ♦ Weather Proof Control Cabin.

### CAPACITY WISE MODELS ARE AVAILABLE

MDM-25 (Cap. 20 to 30 Tons/Hour)  
DM-45 (Cap. 40 to 60 Tons/Hour)

DM-50 (Cap. 60 to 90 Tons/Hour)  
DM-60 (Cap. 90 to 120 Tons/Hour)

## WET MIX MACADAM PLANT (As per Specification of MORTH)



**KESAR Wet Mix Plant** is Suitable for Wet Mix Macadam & sub base. The Plant Provides higher production in low cost with Automatic control of Wet Mix Material as per the latest MORTH (Ministry of Road Transport & Highway) specification. The Standard configuration of the plants comprise of the following units :

- ♦ Cold Aggregates Bin Feeders
- ♦ Vibrating Screen
- ♦ Slinger Conveyor Unit
- ♦ Pugmill Mixing Unit
- ♦ Load Out Conveyor Unit
- ♦ Water Storage Tank
- ♦ Fully Automatic Control Panel
- ♦ Weather Proof Control Cabin

### CAPACITY WISE MODELS ARE AVAILABLE

WMM-100 (Cap. 100 Tons/Hour)  
WMM-160 (Cap. 160 Tons/Hour)

WMM-200 (Cap. 200 Tons/Hour)  
WMM-250 (Cap. 250 Tons/Hour)



## ASPHALT & WET MIX PAVER FINISHER

(As per Specification of MORTH)



### PAVING WIDTH 2.5 TO 4.5 MT. (AS PER SPECIFICATION OF MORTH)

Kesar Paver Finisher is suitable to finish the Asphalt & Wet Mix Road very fast to meet today's requirement to avoid traffic problems as per MORTH Specification.

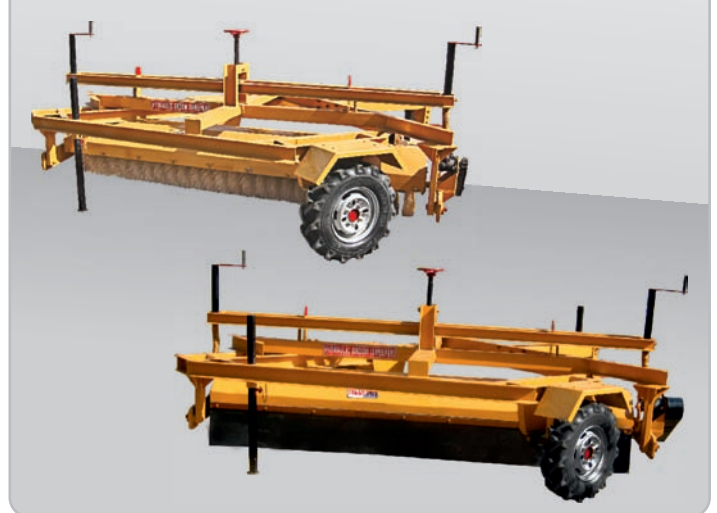
### TRUCK MOUNTED BITUMEN-EMULSION PRESSURE DISTRIBUTOR



CAPACITY : 4 Ton to 10 Ton (As per Specification of MORTH)

Truck Mounted Bitumen - Emulsion Pressure Distributor is developed for tack coat from Spraying Bar & between spraying application, This Equipments Capable of applying uniform Coating of hot & emulsion Bitumen on Specified surface in prescribed quantity. A unique pressure cleaning System Cleans the system after used. Spraying width ranging from 2.4 to 4.2 MTR (As per Customer Requirement)

### HYDRAULIC BROOM (SWEEPER)



This is very easy to use at site for removal of the road dust easily on Metaling, Wet Mixed Macadam Surface & Asphalted Road Surface. This is Zero Maintenance machine for faster work and uses very low man Power. (As per Specification of MORTH)

### BITUMEN DRUM DECANTER (ASPHALT DRUM MELTER)



KESAR decanters are designed for ease of operation & provide the most efficient system for ensuring a high throughput of drummed bitumen. Designed for use in association with bulk storage tanks the melted bitumen is automatically transferred from the decanter reservoir to the storage tank during the decanting process.

### ROAD DUST CLEANER



The Road Dust Cleaner is a low cost & Highly Reliable Machine. The Machine Build Specifically for road dust cleaning for WBM, WMM & Asphalted Road Surface Applications with simple operating system. (As per Specification of MORTH)

### TRACTOR LINKED BITUMEN EMULSION SPRAYER WITH COMPRESSOR



**CAPACITY : 2.5 Ton & 3 Ton (As per Specification of MORTH)**

Tractor Linked Bitumen-Emulsion Sprayer cum Road Dust Cleaner is developed Road Dust Cleaning by attached Heavy Duty Air Compressor & using for Tack Coat from Hand Spraying arrangements & between Spraying Application, This equipment capable to applying Uniform Coating of Hot Bitumen & Cold Emulsion on specified surface in prescribed quantity. A Unique Pressure cleaning system cleans the Pipeline after used. Spraying Pipe Length up to 5 Mtr. & Dust Cleaning Pipe with Gun of 10 Mtr.. We also Provides Drum Loading System for drum load on Unit for Emptying Drummed Bitumen in the Sprayer tank.

### TRACTOR LINKED BITUMEN EMULSION SPRAYER



**CAPACITY : 2.5 Ton & 3 Ton (As per Specification of MORTH)**

Tractor Linked Bitumen-Emulsion Sprayer is developed for Tack Coat from Hand Spraying arrangements and between Spraying Application, This equipment capable to applying Uniform Coating of Hot & Cold Emulsion bitumen on specified surface in prescribed quantity. A Unique Pressure cleaning system cleans the Pipeline after used. Spraying Pipe Length up to 5 Mtr. We also Provides Drum Loading System for drum load on Unit for emptying Bitumen in the tank.

## BITUMEN HEATING AND STORAGE TANK (As per Specification of MORTH)



### DIRECT HEATING TANKS

Bitumen tanks are supplied of 'O'/'U'-shaped horizontal in position as per customer's choice. An oil fired auto control pressure jet burner burner is mounted on each tank to heat the bitumen to the desired temperature. In this direct-heating type tanks, the bitumen is heated by firing the burner into heating coil made of steel pipes. Tanks capacity available is 10, 15, 20, 25 tons.

### INDIRECT HEATING TANKS

In in-direct heating type tanks-cylindrical in shape & horizontal in position, the bitumen is heated by circulating hot thermic oil through it's heating coil. A thermic oil heater with oil fired burner heats the thermic oil & this hot-oil is circulated through the heating coil inside the bitumen tank by an oil pump on heater. A single heater can easily heat nos. of tanks as required in continuous process. The temperature of oil is very well controlled by an auto thermostat on heater and so, bitumen never gets over-heated. Thus, the quality of bitumen (viscosity) never get deteriorated/spoiled in this kind of indirect heating system. Fuel consumed to heat every ton of bitumen is also less compared that for a direct heating system. Tanks capacity available is 30, 40 & 50 tons.



**FACTORY**

### KESAR ROAD EQUIPMENTS (INDIA) PVT. LTD.

81-82, Nirmal Industrial Park, G.I.D.C. At Gozaria - 382825,  
Tal-Dist : Mehsana, Gujarat - India.  
Ph. : +91 2762-244 583 | +91 2762 242 140 | Cell : +91 98253 22472  
E-mail : dipak.md@kesarequipments.com | shreekesar@yahoo.co.in

