



An ISO 9001 : 2008



[A Company of Khodiyar Group]

Superior Technology &  
Best Quality at Cost Effective Price



## ASPHALT DRUM MIX PLANT



# Technical Specification

MODEL	DM-45	DM-50	DM-60
<b>CAPACITY RANGE (TPH)*</b>	40 to 60	60 to 90	60 to 120
<b>DRYER</b>			
Length (m)	6.026	6.710	7.316
Diameter (m)	1.230	1.540	1.850
Exhauster (CFM)	10500	12500	14500
Burner Rating (Ltrs/Hr.)	200	275	450
<b>BIN FEEDER</b>			
No. of Bins	4	4	4
Bin Capacity (MT)	7.4	9.5	10.87
Belt Feeder Width (mm)	400	450	500
Gathering conveyor Width (mm)	950	950	950
<b>SLINGER CONVEYOR</b>			
Conveyor Width (mm)	730	730	810
<b>LOADOUT CONVEYOR</b>			
Conveyor Width (mm)	810	810	950
Loadout Height (m)	4.12	4.12	4.25
Hopper Capacity (kg)	1000	1000	2000
<b>POWER REQUIREMENTS</b>			
Drum Drive (HP)	20	25	40
Exhauster (HP)	20	25	40
Bin Feeder Hopper (HP)	2	2	3
Gathering Conveyor (HP)	5	5	7.5
Slinger Conveyor (HP)	5	5	7.5
Vibratory Screen (HP)	1	1	2
Loadout Conveyor (HP)	5	5	7.5
Hydraulic Powerpack (HP)	2	2	3
Bitumen (Asphalt) Pump (HP)	5	5	7.5
<b>FILLER UNIT</b>			
Rotary valve (HP)	2	2	2
Blower (HP)	5	5	5
<b>DRYER AUTOMATIC BURNER</b>			
Fuel Pump (HP)	2	2	3
Blower (HP)	5	7.5	15
Hot Oil Pump (HP)	0.5	0.5	0.5
<b>BITUMEN TANK</b>			
Capacity (MT)	20	20	20
Insulation (Glasswool in mm)	50	50	50
<b>FUEL TANK</b>			
Capacity (Ltrs.)	5000	5000	5000
<b>TOTAL CONNECTED LOAD</b>			
Load (KVA)	120	135	220

Due to KDI Policy of continuous improvement / development, the technical data mentioned in this entire sheet is not binding and subject to change without notice.



# Components of Asphalt Drum Mix Plant

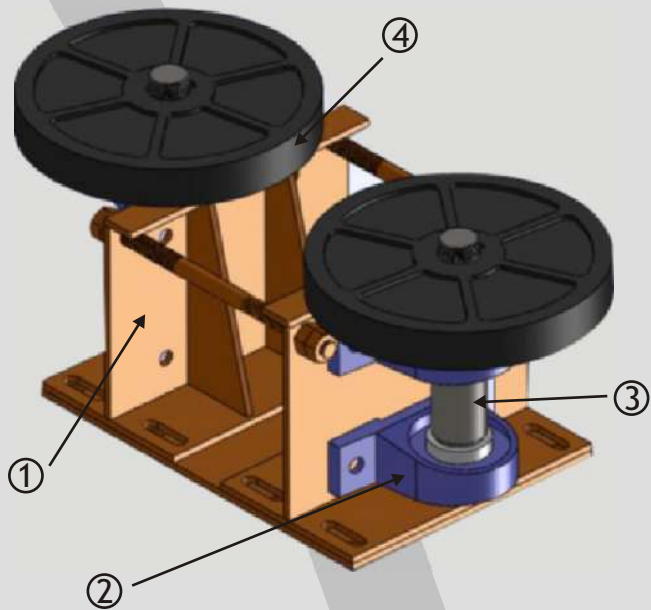


Certain Components shown here are optional.  
Please refer to our offer to know the exact scope of supply.



Higher capacity plants are available on specific enquiry.

# Sub Assembly for Asphalt Plant

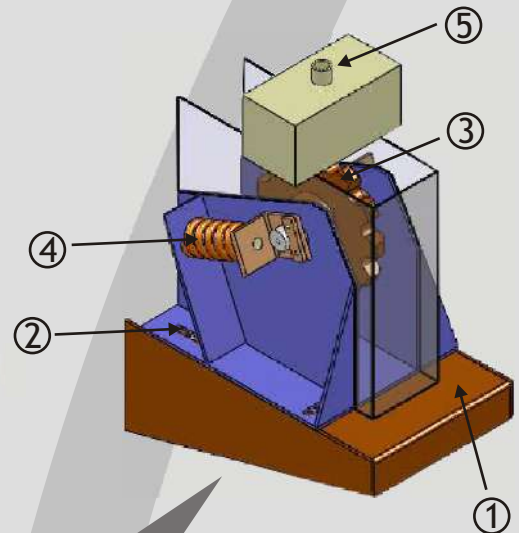


## VERTICAL ROLLER STAND

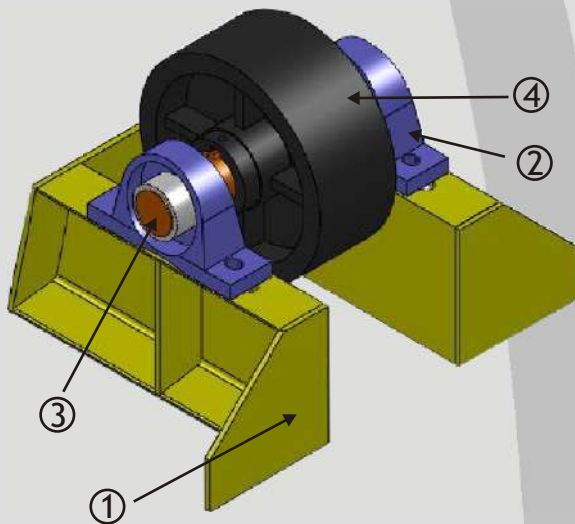
1. Heavy Duty Fabricated Stand.
2. Long life standard Bearing Pedestal.
3. EN-8, Hardened Accurate Shaft.
4. Heavy Duty C.I. Fine Finished Vertical Roller.

## IDLER SPROCKET ASSEMBLY

1. Heavy Duty Fabricated Stand.
2. Chain Alignment in Few Minutes.
3. EN-8 Hardened chain sprocket.
4. Tension Spring for Gear, Motor, Sprocket & Chain load. Its design by KDI.
5. Continuous Drop Flow Oil System.

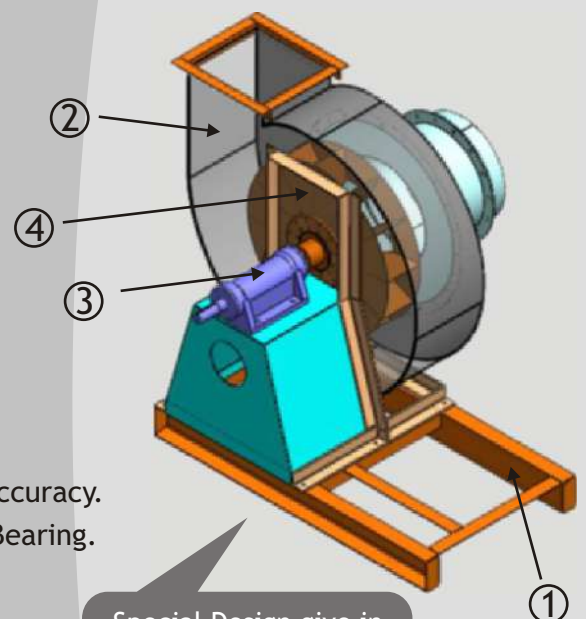


Special Design give long life Chain Sprocket, Chain, motors & Drum



## TUNIUN ROLLER ASSEMBLY

1. Heavy duty Fabricated Stand.
2. Long life Bearing Pedestal.
3. EN-8, Hardened Accurate Shaft.
4. Heavy duty C.I. Fine Finished Tuniun Roller



## EXHAUSTER ASSEMBLY

1. Heavy duty Fabricated base Frame.
2. Exhauster body plate cutting in CNC M/c for Accuracy.
3. Heavy duty C.I. Bearing, Pedestal with S.K.F. Bearing.
4. Accurate Balancing with Alignment.

Special Design give in Normal Load of best Performance



## Other Products at a Glance



Wet Mix Macadam Plant



Mini Bitumen Sprayer



Bitumen Pressure Distributor



Mobile Drum Mix Plant



Paver Finisher



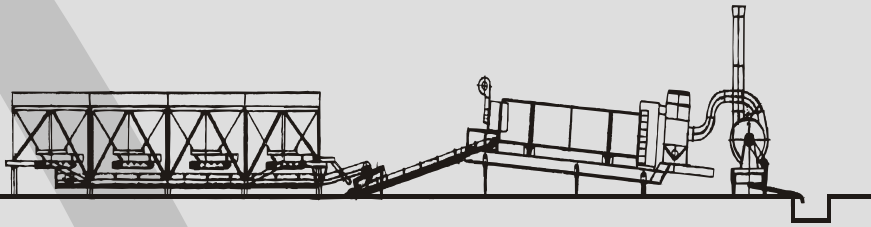
Hydraulic Broomer



Reversible Concrete Mixer Plant

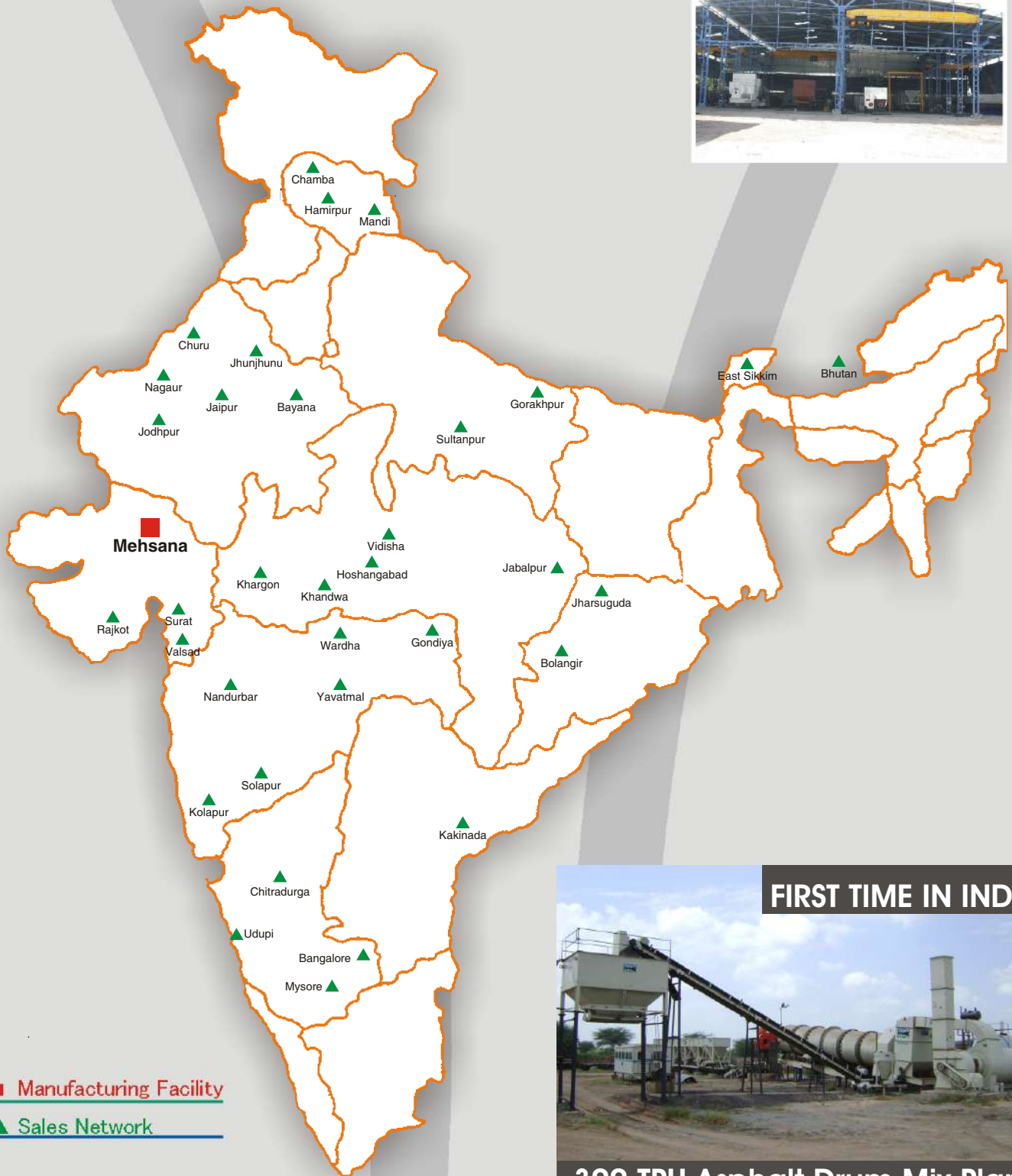


Mechanical Broomer



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Modern Manufacturing Facility



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