

PRIMAX

ROAD MACHINERY EQUIPMENTS

HOT MIX PLANT (SEPARATE DRYING & MIXING UNIT)



PRIMAX- Mobile Hot Mix Plant

PRIMAX Mobile Hot Mix Plant is of separate drying & mixing system. It is mounted on a chassis fabricated of roller steel sections with single rigid axle or double axle with pneumatic tyres fitted with drawbar turntable to easy towing. A cold bucket elevator for feeding cold aggregates to the drum. There is a larger diameter storage ring of the discharge end of the dryer drum for holding hot aggregates. The drum runs on 4 nos. of cast iron rollers with bearings. Mixing unit is a twin shaft pugmill and heavy-duty paddle arms and tips. The dryer is driven through reduction gear and chain drives. A bitumen boiler along with an efficient dust collector is provided. The plant is fitted with adequate rated diesel engine. Toolbox, Jack is provided.

PRIMAX- Mobile Hot Mix Plant

PRIMAX Mobile Hot Mix Plant with separate drying and Mixing System. The whole unit is mounted on a strong heavy chassis with Jacks, with four Pneumatic tyres for easy maneuverability; It is complete with loading Skip, Air blower, dust collector & special type of oil burner. The plant is fitted with adequate rated diesel engine. A Fabricated Special type Drying Drum and separate Heavy duty Mixing Drum with mixing blade for quick mixing of the materials has been provided, it also has a ducting discharge box and chute. Toolbox is provided.



PRIMAX-Combined Drying & Mixing Unit

PRIMAX Highway Combined Drying and Mixing Unit have capacity of 4/6 TPH and 6/10 TPH. The unit is totally self contained with its diesel engine of about 10 H.R to 18 H.R It consists of loading skip with gear, oil firing equipment, exhaust fan and ducting to remove the effect of combustion and dust. The unit is mounted on heavy-duty fabricated steel chassis fitted with four pneumatic tyre wheels. "PRIMAX" Single Drum Asphalt Mixer (Combined Drying & Mixing) -Capacity - both 6/10 TPH and 4/6 TPH is designed for high mobility and manufactured conforming to IS specifications.

PRIMAX CORPORATION

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PRIMAX-Combined Drying & Mixing Unit (Without Loading Skip)

PRIMAX Highway Combined Drying and Mixing Unit has capacity of 4/6 TPH and 6/10 TPH. The unit is totally self-contained with its diesel engine. It consists of Hand-fed, oil firing equipment. The unit is mounted on heavy-duty fabricated steel chassis fitted with four pneumatic tyre wheels. "PRIMAX" Single Drum Asphalt Mixer (Combined Drying & Mixing Unit) - Capacity - both 4/6 TPH and 6/10 TPH is designed for high mobility and manufactured conforming to IS specifications.



ASPHALT MIXTURE (HOT MIX PLANT)

ASPHALT DRUM MIX PLANT (Semi & Fully Auto Computerised)



PRIMAX Drum Mix Plants are designed with the latest technology with enhanced fuel efficiency engineered to assure trouble free performance. It ensures automatic control on production through its centrally controlled operation, from the control cabin. It offers optional attachments like Silo Wet Dust Collector for active control of population. It is attached with Four Been Feeder.

- Single Vibratory Screen • Asphalt Tank (Bitumen) • Mineral Filler Unit • LDO Tank • Electro Mechanical Storage Hopper • Automatic Electronic High Pressure Burner. Capacity: 40 TPH / 120 TPH

BITUMEN BOILER

PRIMAX-Oil Fired Tar (Bitumen)

PRIMAX Oil Fired Tar Boiler (Bitumen) capacity 1000 Ltrs, 1500 Ltrs, 2000 Ltrs & 3000 Ltrs. Having materials pan made from MS Plate. The space between the inner and outer Pan is packed with Glass wool covered with MS Sheet, mounted on fabricated chassis with Tyre/M.S. wheels. Fitted with Oil Tank, Outlet and Inlet Valves, Oil Burner, Blowers Powered by Air-cooled Diesel Engine as per I.S.: 2094(1974)



PRIMAX- Hot Bitumen Pressure Distributor

PRIMAX Hot Bitumen Pressure distributor consisting of insulated Bitumen tank of 1000 Ltr. capacity with heating arrangement and other standard accessories such as Spray Bar, Gear Pump. It is mounted on fabricated chassis with four pneumatic tyres wheels. Fitted with adequate rated Air Cooled Diesel Engine.

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MASTIC ASPHALT COOLER

These unit a must for speedy Construction & repair of Black top roads, save on direct Labour, Costly Bitumen and fuel, Heat loss radiation is almost eliminated, it is most economical and efficient in working, It can be operated only season of the year and very easy to operate.



TROLLY MOUNTED BITUMEN SPRAYER

Bitumen pressure distributor is developed for tack coat and between spraying application. This equipment is capable of applying a uniform coating of hot & emulsion bitumen on specified surface in prescribed quality. Capacity up to 3000 Ltr.

DRUM MIX PLANT (20-100 TPH)



PRIMAX designed the high quality plant with latest sophisticated technology as per M.O.S.T. specifications. High precision engineering with entire quality process and systems ensures to achieve the ultimate goal. PRIMAX DRUM MIX PLANT (30 TPH - 110 TPH) specially designed for high quality homogenous mixing & productivity with low maintenance cost. It ensures automatic control on production through its centrally controlled operation from the control cabin. It offers optional attachments like Silo Wet Dust Collector for active control of pollution. It is attached with Four Been Feeder • Single Vibratory Screen • Asphalt Tank (Bitumen) • Mineral Filler Unit • LDO Tank • Electro Mechanical Storage Hopper • Automatic Electronic High Pressure Burner.

PRIMAX- WET MIX MACADAM PLANT

- Unique design, sturdy, heavy duty pugmill for homogenous mix
- Available Capacity 100 - 250 TPH
- Mixer of accurate weighed aggregate, sand, cement & water
- Fully computerised plant, with print-out system & individual weightment system also available
- Customized plant available with various accessories



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PAVER FINISHER



PRIMAX Mechanical Paver Finisher is robustly with the latest technology as per M.O.S.T. specifications; it has conveyer system of the Largest capacity. During paving operations it assures trouble free performance with maximum efficiency particularly to Indian Road Construction process. The Screed with basic width of 2.50 mtrs has an extension facility upto 4.0 mtrs for wider range applications.

MINI DUMPER

FEATURES :

- Driving Wheels:(4x4 Wheel Drive)
- Maximum Speed: 20 kms/hour
- Chassis: Sturdy & robust, with stiffening cross members, made out of steel section.
- Gear Box: Heavy duty; 4 speed oil filled gearbox having 3 forward reverse gear.
- Steering: Effortless, heavy duty, mechanically steering.
- Breaks: Hydraulic drum brakes on 4 wheels.



1) Capacity	1 Ton (0.75 Cum)	2 Ton (1.25 Cum)
2) Power	10 HP Single Cylinder Air Cooled Diesel engine	12 HP Twin Cylinder
3) Tyres	6x16" (ISI Mark)	7 x 20" (ISI Mark)
4) Ground Clearance	457 mm	457 mm
5) Wheel Base	1400 mm	1650 mm
6) Dimension	L 2700 x W 1600 x H 2500	L 3000 x W 2100 x 2500
7) Weight	1000 KG	1200 KG
8) Optional	1) Key Start Model 2) Battery with light & horn arrangement	1) Key Start Model 2) Battery with light & horn arrangement

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