



PRIMAX

**PRODUCT
PERFORMANCE
PRIDE**



Our Product

- + Asphalt Drum Mix Plant
- + Asphalt Batch Mix Plant
- + Wet Mix Mecedam Plant
- + Paver Finisher
- + Bitumen Pressure Distributor
- + Hot Bitumen Boiler-Cum-Sprayer
- + Catonic (Cold Emulsion) Sprayer
- + Mastic Asphalt Cooker
- + Road Sweeping / Broomer
- + Road Cleaning Machine
- + Road Marking Machine
- + Rotavetor



Mfg. of Road Construction Machinery



SDHM-10

PRIMAX Combined Drying & Mixing Unit (Without Loading Hopper)

PRIMAX Single Drum Asphalt Mixer (Combined Drying & Mixing Unit), Capacity - 7/10 TPH. The unit is totally self contained fitted with adequate rated air cooled diesel engine driven through chain transmission system. It consists of special type oil firing equipment. The unit is mounted on heavy duty fabricated M.S. chassis fitted with four nos. pneumatic tyre wheels. A special type conventional storage bucket with liver arm has been provided for storage to facilitate continuous drying & mixing. It is designed for high mobility and conforming to IS specifications.

PRIMAX Mobile Hot Mix Plant (Double Drum)

PRIMAX Mobile Hot Mix Plant with separate drying and Mixing System. Capacity - 7/10 TPH. The whole unit is mounted on a strong heavy chassis with Jacks, with four nos. pneumatic tyre Wheels for easy transportation and movement. It is complete with loading skip, air blower, dust collector & special type oil burner. The plant is fitted with adequate rated diesel engine driven through centrifugal clutch & chain transmission system. A fabricated special type Drying Drum and separate heavy duty Mixing Drum with Mixing Blade for quick mixing of the materials have been provided. It has also a ducting discharge box and chute. Toolbox is provided with the unit.

DDHM-10



PMHMJ-10

PRIMAX Asphalt Mixer (Pugmill System)

PRIMAX Mobile Hot Mix Plant with separate Drying and Mixing System. Capacity-7/10 TPH & 10/16 TPH. The whole unit is mounted on a strong heavy chassis with pneumatic tyre wheels and turnable drawbar for easy towing. Foldable feed elevator and chimney along with an efficient dust collector, special type of oil burner are provided. Large diameter storage ring at discharge end of the dryer drum for holding hot aggregates. The drum runs on 4 nos. C.I. rollers with bearings. Mixing unit consists of twin shaft Pugmill, heavy duty paddle arms and tips. The dryer is driven through reduction gear and chain drives. The plant is powered by adequate rated diesel engine.

PRIMAX Road Sweeping / Cleaning (Broomer)

The machine is built with compact design and state-of-the-art technology. The cleaning brush is driven by a powerful hydraulic motor. Dust is collected into a waste collecting container in running condition. Specially used for cleaning WMM/WBM layers prior to bituminous coat. The machine is powered by a tractor through quick release hydraulic hose attachment. It can be attached to tractors, loaders or forklifts. To make sweeping more powerful we use PP convoluted brush rings. Moreover, it can be used on rough road works job with or without the use of dust collecting hopper.

HB20



BSTM-1

PRIMAX Truck Mounted Bitumen Pressure Distributor

This equipment is for tack coat and Bitumen Spraying application. It is capable of applying an uniform unbroken coating of hot Bitumen on specified surface in prescribed quantity. Bitumen Sprayer cleans the system after use and avoids clogging. It is capable for use with bitumen emulsion also.

- Bitumen tank is Rectangular Oval Shape.
- Bitumen Pump: 2 x 2 size.
- Positive displacement gear Pump with output of 350 Lit./Min. (Max)
- Driving Unit: Air Cooled Engine
- Bitumen Spraying Pressure-0 to 6 Kg/cm²
- Tachometer -Slow Speed 0.5 meter/ min.
- Capacity: 6000 Liters.



TB-1200

PRIMAX Oil Fired Tar (Bitumen) Boiler

PRIMAX Oil Fired Tar (Bitumen) Boiler, capacity 1200 Ltrs, 1500 Ltrs, 2000 Ltrs. & 3000 Ltrs. The 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 wheels. The unit is fitted with Oil Tank, Outlet and Inlet Valves, Oil Burner, Blowers. It is powered by adequate rated Air-cooled Diesel Engine.

PRIMAX Hot Bitumen Boiler-cum-Sprayer (Pressure Distributor)

PRIMAX Hot Bitumen Boiler-cum-Sprayer (Pressure Distributor), capacity 1000 Ltrs., having 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 wheels, The unit is powered by adequate rated Air-cooled Diesel Engine. Oil Tank, Outlet and Inlet Valves, Oil Burner & Blowers, Gear Pump with special type Spray Bar and handle are provided.

BS-1200



CS-1000

PRIMAX Catonic Sprayer

PRIMAX Catonic Sprayer, Capacity 1000 litre complete with Gear Pump and Spraying arrangement, fitted with adequate rated Air Cooled Diesel Engine. The whole unit is mounted on Steel Chassis with 4 Nos. Pneumatic Tyre wheels with draw bar arrangement.

PRIMAX Wood Fired Tar Boiler

PRIMAX COAL/WOOD Fired Tar Boiler, capacity 1200 litres (300 gallons). Firing Pan made from 5 mm M.S. Plate, outer 5 mm M.S. Plate, top of the Boiler re- reinforced with strong angle for resting barrel arrangement, mounted on 4 Nos. C.I. wheels with drawbar arrangement complete with Fire Arch, Fire Bar, Chimney, Outlet Valve. All body electric welded construction finished with two coats of black paint.

TBW-1200



MAC-10

PRIMAX Mastic Asphalt Cooker

PRIMAX Mastic Asphalt Cooker, capacity 1200 kg. having pan and side bucket made from heavy duty M.S. plate, mounted on fabricated chassis with 4 nos. C.I. wheels. The Mixing unit is heavy duty M S shaft with arms, operated by Electric Motor. Gear Box, Blower with motor, special type Burner and fuel tank are provided. The unit is for speedy construction & repair of Black top roads. It saves direct labour cost, costly bitumen and fuel. Heat loss radiation is almost eliminated. It is most economical, efficient and easy to operate.



RC-1

PRIMAX Road Cleaning Machine

PRIMAX Road Cleaning Machine with powerful high air blower, mounted on 2 Nos. Pneumatic & 1 No. Solid tyre wheels for easy mobility, consisting of- 3.4 HP, 3000 rpm Petrol Engine Blower: MS fabricated body with dynamic impeller (rotar)
Blower cfm: 4800 cfm
Effective cleaning area: 3-6 ft
Pressure: 5 psi approx.

PRIMAX Air Compressor Road Cleaning Machine (Tractor Driven)

Mounted on 2 nos pneumatic tyre wheels. Complete with spiral shaft of 1.5 meter beaded pipe with pressure release valve of 20mm ball valve & for alignment pipe jack. The unit is tractor driven. Maximum Flow Rate 180-200 CFM with 400 liters capacity air tank & discharge pressure 7 kg/cm² complete with all accessories.

RC-2



CAGC-1

PRIMAX Concrete/Asphalt Groove Cutting Machine

- Various sizes of Blades are available as per requirement of depth cutting
- Maximum Depth Cutting is 20" (Cutting Depth may vary depending on Saw design)
- Fitted with Water Tank
- Powered by Diesel Engine/Electric Motor

PRIMAX Road Marking Machine

PRIMAX Thermoplastic Road Marking Machine with Glass Bead System High Quality Hand Push Type Self Propelled

- Steel Tank Capacity 100 Kg
- Pointer Guide Adjustable according to laying shoe size
- LPG Heating System
- Hand Torch for safe lighting of burners
- Dual Type Temperature Gauge
- Screed Shoe
- Glass Beads Dispenser
- Glass Beads Storage Box
- Auto Lockable Rear Wheel.

RMM-1



PR-1

PRIMAX Rotavator

PRIMAX Rotavator is one of the Tractor Implements that is used for spreading and levelling aggregates on road. It is available in different sizes and speed.

Speed: Single/Multi Size: 4/5/5/5/6/7/8 feet
No. of Blades: 30/36/42/48/54



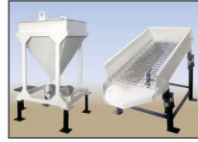
Control Panel



Dryer Burner



Flight Design inside Dryer Drum



Mineral Filler



Asphalt (Bitumen) Tank



Pollution Control Unit



Primax Drum Mix Plant

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 - 120 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 (Bitumen) Tank
- 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 as per M.O.S.T Specifications.
- Available Capacity 100-250 TPH.
- Mixer of accurate Weighed aggregate, Sand, Cement & Water.
- Fully Computerised plant. Print-out & individual Weightment System also available.
- Customized plant available with various accessories.



PRIMAX Super Combine Paver Finisher (PF-1)

Semi Hydraulic with Mechanical transmission drive and hydraulically extendable screed up to 4.5 Mtr. with Power Steering, Air Break & Clutch System. Suitable for Bituminous and Wet Mix Material Paving.



PRIMAX Asphalt Batch Mix Plant (Capacity 80 TPH, 100 TPH, 120 TPH, 160 TPH & 200 TPH)

- ✦ Advanced modular design, modern and compact in structure for easy relocation and erection.
- ✦ Specially designed dryer drum and blade arrangement with high heat efficiency.
- ✦ The high pressure atomized burner of reputed make for fuel efficiency and high safety standard.
- ✦ Initial mixer of cold aggregates through the speed adjustable belt feeder, easy and accurate in adjustment.
- ✦ High efficiency vibrating screen minimise vibrating impact on frame structure.
- ✦ All electronic weighing sensor with high accuracy and reliability
- ✦ New type horizontal twin shaft mixer with ability to produce fast and high quality homogenous mix.
- ✦ Modern user friendly computer management control system with data storage, reports printing, malfunction and alarm monitoring system.



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