



**S.P.
ENTERPRISE**

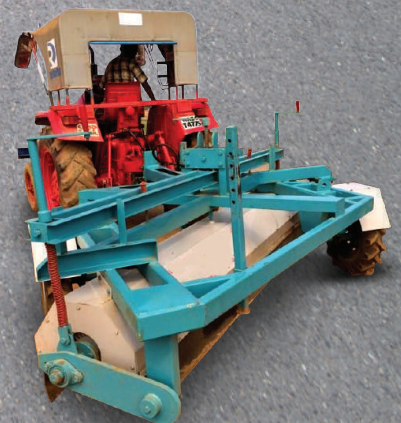


RANGE OF

ROAD CONSTRUCTION EQUIPMENT

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TROMMEL MACHINE



ASPHALT BATCH MIX PLANT

- Offered in output capacities of 80 / 100 / 120 / 160 / 200 TPH
- High accuracy aggregate feeder bins with no flow indicator switch
- Counter flow type glass wool insulated dryer drum covered with S.S. cladding
- Sturdy batching tower consisting of multi deck vibratory screen, hot bins and pugmill mixer
- Modulating burner for higher thermal efficiency and low fuel consumption
- Indirect heating asphalt tanks with thermic oil heater
- Reverse air flow type dry bag house filter for dust management
- Optional arrangement for RAP material
- PLC based control panel with HMI

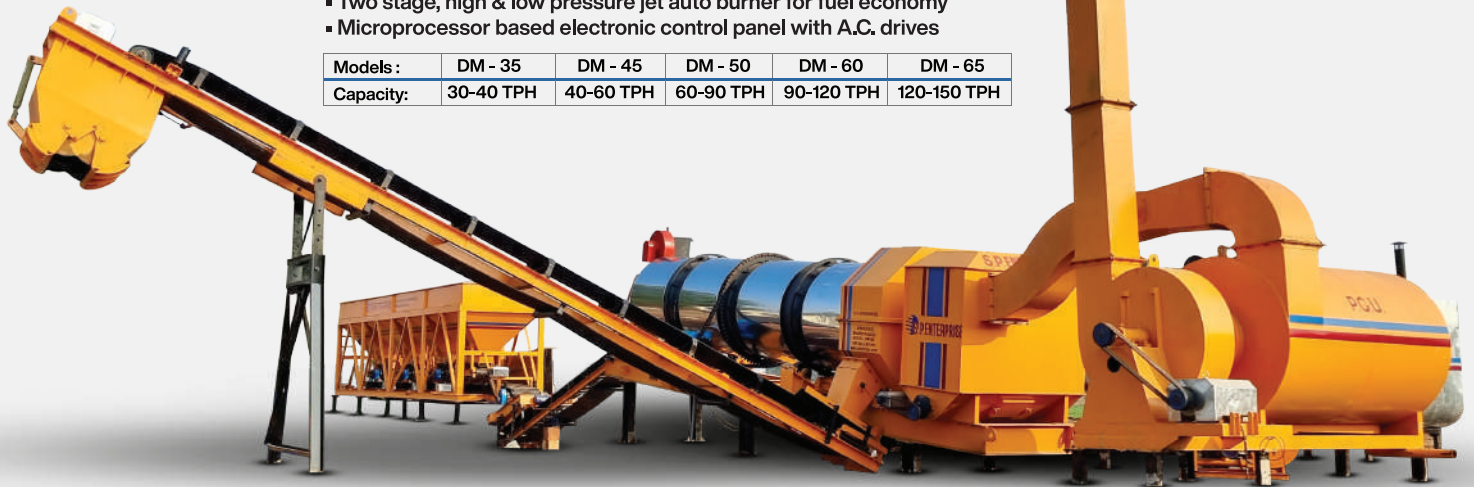
Models :	ABMP - 80	ABMP - 100	ABMP - 120	ABMP - 160	ABMP - 200
Capacity:	80 TPH	100 TPH	120 TPH	160 TPH	200 TPH



ASPHALT DRUM MIX PLANT

- Manufactured in output capacities ranging from 30 TPH to 150 TPH in different models
- Available in stationary and mobile versions
- Manufactured with latest technology meeting MORT&H and international standards
- Fully automatic operation with manual override facility
- High accuracy aggregate feeder bins with no flow indicator switch
- Glass wool insulated dryer drum covered with S.S. cladding
- Two stage, high & low pressure jet auto burner for fuel economy
- Microprocessor based electronic control panel with A.C. drives

Models :	DM - 35	DM - 45	DM - 50	DM - 60	DM - 65
Capacity:	30-40 TPH	40-60 TPH	60-90 TPH	90-120 TPH	120-150 TPH



WET MIX MACADAM PLANT

- Available in output capacities of 100 / 150 / 200 / 250 TPH
- Designed and manufactured as per MORT&H specifications
- Modular construction ensures ease of installation, operation & maintenance
- High accuracy aggregate feeder bins with no flow indicator switch
- Twin shaft pugmill mixer with replaceable liner plates and wear resistant paddle arms & tips for efficient mixing
- User friendly electronic control panel with A.C. drives
- With water tank and monoblock water pump
- Storage silo (optional)

Models :	WMM - 100	WMM - 150	WMM - 200	WMM - 250
Capacity:	100 TPH	150 TPH	200 TPH	250 TPH





TRUCK MOUNTED BITUMEN SPRAYER

- Skid mounted bitumen sprayer suitable to be fitted on standard truck chassis
- Insulated bitumen tank of 4000 ltrs. to 10000 ltrs. capacity
- Suitable for bitumen & emulsion spraying
- Fully circulating foldable spray bar with basic width of 2.5 mtrs. (min) and extendable upto 4.2 mtrs. (max).
- Flexible hand spraying attachment.
- Powered by 25 HP, two cylinder, air cooled diesel engine.
- Spray nozzles valve operated pneumatically.
- Positive displacement type bitumen pump.
- Twin cylinder air compressor of 3 HP.

Models :	BS-40	BS-60	BS-80	BS-100
Capacity :	4000 ltrs	6000 ltrs	8000 ltrs	10000 ltrs

TROLLEY MOUNTED BITUMEN SPRAYER

- Tractor Towable
- Insulated bitumen tank of 2500 to 4000 ltrs. with burner
- Powered by 8 / 10 HP, single cylinder air cooled diesel engine.
- Bitumen pumping system comprising of positive displacement gear type bitumen pump.
- Air compressor with air hose
- Hand spray bar fitted with nozzle.
- Mounted on trolley with 2 / 4 nos. tyres & tow bar.
- Air hose for cleaning road surface with compressed air prior to bitumen spraying.
- Chain Pulley Block with stand for handling bitumen drums.



Models :	BS-25	BS-35
Capacity :	2500 ltrs	3500 ltrs

ROAD BROOMER



- Tractor towable hydraulic road broomer for cleaning pavements
- Broomer shaft driven by hydraulic motor powered by tractor hydraulic drive
- 2000 mm clear sweeping width
- Mechanical jacks on both sides for adjusting pressure on broom brushes as per the surface slope
- Nylon bristle brushes and option of steel wire brushes
- Three point linkage system for quick mounting and towing
- Easy to operate and maintain

BITUMEN DRUM DECANTER

- Insulated enclosed box type of unit for melting the bitumen in drums
- Can be easily integrated in the hot mix asphalt production facility
- Unit comprising of drum chamber, heating coils, reservoir tank, hydraulic lifters, power pack, bitumen pumping unit, electric panel, and accessories
- Flexible entry and exit gates for bitumen drums
- Available in models of 2, 3 and 4 rows with each row handling 10 drums
- Can be customised as per customers requirement
- Highly efficient, easy to operate with less labours
- Thermic Fluid Heater for generating hot oil (Optional)

Model	SPBD - 210	SPBD - 310	SPBD - 410
Melting Capacity	3.6 TPH	5.4 TPH	7 TPH
	20 drums / hr.	30 drums / hr.	40 drums / hr.

*Capacity based on bitumen drums of 180 ltrs.



ASPHALT PAVER FINISHER

- Self-propelled mechanical drive wheeled asphalt pavers for hot mix laying
- Drive to traction wheels, conveyor chain & augers transmitted mechanically by chain, sprockets, heavy duty gearboxes & friction clutches
- Powered by 4 cylinder, water cooled diesel engine
- Fully floating hydraulically extendable telescopic heavy duty screed with LPG burner for screed heating and hydraulic motor for screed vibration.
- Four speed gear box offers working & traveling speeds in forward & reverse direction.
- Hopper operations, Screed lifting and vibration are controlled hydraulically
- Left and Right feeding conveyor chains in addition to left and right augers are controlled independently to meet the paving width demand.
- Operator console strategically located for operator's comfort.

CHIP SPREADER

- Tailgate Chip Spreader suitable to be mounted on standard tipper truck
- Suitable for spreading chips of upto 60 mm
- Spreading width maximum 2500 mm and can be adjusted in steps of 300 mm
- Guides for uniform chips spreading across the width
- Spreading roller driven by electric motor
- Suitable for spreading in forward and reverse truck motion



TROMMEL MACHINE

- For municipal solid waste segregation, vital for bio-mining / bioremediation of legacy waste
- Modular in design – can be incorporated in to an existing process or can be easily set up near the source of solid waste material
- Steel dust enclosure to minimise noise & dust pollution
- Can handle a wide range of material and can break compacted material
- Wide feeder bin to accommodate loader bucket to avoid spillage of feeding material
- Option of blower on feeding or reject conveyor
- Available in single, double or triple stage configuration
- In standard models of 50 / 100 / 200 / 300 / 500 TPD capacity



Models :	TM - 50	TM - 100	TM - 200	TM - 300	TM - 500
Capacity:	50 TPD	100 TPD	200 TPD	300 TPD	500 TPD



ELECTRONIC CONTROL PANEL

- Microprocessor based computerised electronic control panel for **Asphalt Drum Mix Plant** and **Wet Mix Macadam Plant**
- For fully automatic plant operation with manual override
- PLC based electronic control panel with HMI for **Asphalt Batch Mix Plant** and **Concrete Batching Plant**
- Control panel body fabricated from CRC sheet and duly powder coated
- Switches on the front desk with ease access to operator in logical manner



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DIGITAL PLATFORMS :

