

Vishvakarma Mobile Drum Mix Plant



* Design view- Smooth operation, quality work and economy for contractors * Easy to install & run * Economical fuel consumption * Portable unit to match with site and requirement * Transportation rules are considered and solved to best level * Most suitable for remote and interior site * Components can easily be moved out and packed without disturbing the other, for maintenance or transportation * Complete and easy set-up to run * Foundation etc. Not required, which results in considerable savings * Vishvakarma Plants are designed for quality out-put, minimum operating cost & economical in every consideration.

Mobile Drum Mix Plant

Technical Specifications

Specification are subject to change without notice due to development.

Capacity @ 3% moisture content	15/20 TPH	Dryer Burner's Blower Motor	3 HP @ 2800
No. of Bins	2 Bin Divided for 4 Bin type of aggregates	Dryer Burner's Pump / Motor	1.5 HP
Feeding Capacity	20 TPH	Dryer Burner's heater (Optional)*	9 kw
Bin Plate	5 mm	Dust Collector	
Bin Size	2.50 m x 2.00 m x 1.45 m	No. Of Pipes	12
Bin Belt size	550 mm x 2.30 m	Dust Screw drive Motor	By Gravity
Motor	2 HP	Loud-out (Hot) Conveyor	
Gear Box	'C' SMSR	Motor	5 HP
Bin's Drive	Belt Drive	Gear	'D' SMSR
Slinger Conveyor		Belt Size	550 mm x 11.17 m (H.R)
Conveyer Motor	5 HP	Storage Hopper Cap.	500 kgs.
Gear Box	'D' SMSR	Power Pack Sys. (Ho. Open/Close)	2 HP
Drive	Belt Drive	Control Panel	
Belt Size	550 mm x 8.38 m	Microprocessor Base-DC/AC Drive	S.P Electro Control
Dryer & Mixing Unit		Control Cabine	8' x 6'
Diameter	930 mm	Bitumen Tank	10 / 12 Tons - (U or O Shape)
Lenght	4000 mm	Bitumen Tank's Burner Firing Rate	25-40 LPH
Thikness	8 mm	Motor	250 W
Motor	10 HP	Fuel Type	LDO / Diesel
Gear Box	Reduction Gear Std. Make	Bitumen Pump	Hot Oil Jacked Gear Type
Drive	Rotary Drive	Bitumen Pump Make	Standard Make
Exhaust Capacity	5000 cfm	Bitumen Pump Motor	3 HP
Exhaust Motor	10 HP	Pump Cap.	105 LPM
Dryer Burner Firing Rate	140 LPM	Bitumen Pump's Gear	Reduction Gear Std. Make
Fuel Type	LDO	Hot Line Motor	1 HP
Total Power Required	33 Kw (44 HP)	Fuel Storage Tank	1000 ltrs.
Open Land Required	25 Mtrs x 25 Mtrs	Electrification :- Junction Box with Socket & Plug	

Bitumen Tank : Tank's main wall plate 5mm and glass-wool insulation 40mm thickness, Tank outer wall 18 gauge thickness plate and other fabrication works as per engineering standard.

Dryer Drum Unit, Bitumen Tank and Insulated Control Cabin are Having toeing bar, Hubs, Excels and Tyres (Remold).

Optional Equipment : Over Size removal Screen, Dryer Burner's Heater, Venturi Type Pollution Control Unit & Fuel Tank's Heater.



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