



VISHWAKARMA

ENGINEERING WORKS

ISO 9001-2015 CERTIFIED COMPANY



AUTOMATIC DRUMMIX ASPHALT PLANT



FOURBIN FEEDER

COLD AGGREGATE FEEDER

Cold Aggregate Feeder Is Made From M.S. Plates and mounted on robust chassis. Each bin has independent conveyor belt and is driven by synchronized variable speed DC /AC Motor coupled with hollow shaft gear box for feeding the aggregate at a uniform and predetermined rate through a precision adjustable bin quadrant gate. A continuous type electronic belt weight (Load cell) is mounted on gathering conveyor for weighing the aggregate feed into deum which gives signals to bitumen pump for proportional supply of bitumen the gathering conveyor is driven by A.C Motor coupled with reduction gear box.

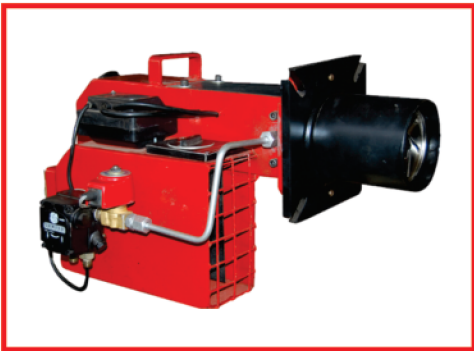


DRAYER AND MIXING UNIT

DRAYER AND MIXING UNIT

Rotating cylindrical drum is mounted on chassis and fabricated from steel plates. the electronic high pressure jet burner is fitted on the structure from where cold aggregate is feed into the drum and controls temperature automatically. The thermodrum is divided into two zones i.e Radiation and coating zone to prevent fire of bitumen inside the thermodrum cyclone type dust collection system and exhaust is provided.

AUTOMATIC BURNER



WE OFFER PLATINUM QUALITY & GOLDEN SERVICE AT A SILVER PRICE

ASPHALT TANK



CONTROL PANNEL



ASPHALT TANK

Fully insulated tank is equipped with separate low Pressure electronic burner for heating the asphalt. The Positive displacement jacketed asphalt pumps is provided with hot oil circulating system. All Pipelines are hot oil jacketed and insulated. The asphalt pump is coupled with reduction gear box and D.C. Motor.



CONTROL PANEL CABIN

Centralised air condition and insulated control cabin is provided with electronic control panel cabinet to operate the entire plant

SPECIAL REMARKS:-

SEMI AUTOMATIC DRUM MIX MOBILE PLANT



CONNECTED POWER TOTAL HP MODEL

DM - 45

75 H.P.

DM - 50

95 H.P.

DM - 60

120 H.P.

SPECIAL FEATURES :-

Easy Operation And Less Maintenance, Proper Drying And Homegenous Mixing Of Aggregate. Proper Asphalt Coating Coating And Saving Accuracy In Quality Control. High Production Rate. Less Fuel Consumption. Weather-proof Control Panel. Stationery Or Mobile Sturdy And Spacious Structure

VISHWAKARMA ENGINEERING WORKS



SEMI SENCOR HYDRAULIC PAVER FINISHER

DIMENSION

Height Overall ---10'
 Length Overall ---18.6"
 Width ---8.5' (15FT)
 Truck Dumping ___1___7'

SPEED

Travel ___16 Km / Hrs.
 Working ___1.4 to 1.9 Km / Hrs.

WHEEL & TYRES

Rear --1100x20 12 ply
 Two Nos.
 ___Solid Wheel Front
 Two Nos.

PRIME MOVER

Tata TC/ Kriloskar ___ Diesel Engine
 Nos. of Cylinders ___6
 Firing Order ___1342
 Operating Speed ___1500RMP
 Horse Power ___65H.P.

TEMPER & SCREED

Depth of Pavement 20 to 152 mm
 Width of Pavement 2.6 to 4.75 Mtr



ROAD ROLLER

DesiGned to withstand the we Are and tear of rugged usage. Specially constucted to undertake modern road building tasks. High compactions Possible . Basic dead weigh is 8 tonnes with on increase up 10 tonnes after ballasting with sand & water

- 1. Steering** : Streeting is operated through machine cut worm gear and segment and has been fixed so accurately to give easy movement.
- 2. Engine** : Tata Water cooled, four stroke, six cylinders BHP 65 with radiator etc
- 3. Chasis** : Chasis is fabricated out of suitable heavy MS Channels and MS Side Plates.
- 4. Gear Box** : Suitable Heavy Gearbox heavy gears made out of special alloy steel, three speed forward and three reverse.
- 5. Starting** : 12 Volts Electronic starting device, batteries 12 Volts 25 Plates.
- 6. Defferential** : Extra Heavy and strong unit with locking pin attachment on the weels.
- 7. Scrappers** : Adjustable Scrappers are provided covering full length or rolls width.
- 8. Rolls** : Rear & Front Rolls are Fabricated out of high grade MS plates. Hub are fitted with interchangeable gun mental bushes.

SPECIAL FEATURES:-

Easy Operation And Less Maintenance

Proper Drying And Homogeneous Mixing Of Aggregate

Proper Asphalt Coating & Saving

Accuracy In Quality Control.

High Production Level.

Less Fuel Consumption.

Weather Proof Control Panel.

Stationery or Mobile.

Sturdy and Spacious Struction.

Note: The Maximum Performance characteristics quoted may not be achived simultaneously with all materials. In order to constantly improve its product. VISHWAKARMA Reserve the right to change the foregoing specifications without notice. Some Illustrations depict optional equipment.



VISHWAKARMA ROAD ROLLER



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FLYASH BRICK MAKING PLANT:-

Our Process and Machinery to make quality brick from industrial waste - flyash, Iron Oxide, Lime Sludge, Quarr waste etc. is an affordable, practical and cost effective technology.

BRICK MAKING PRESS:-

Capacity*	:	1000-1200 Bricks / hours 1500-1600 Bricks / hours
Power (Motor)	:	10HP / 15 HP
Load**	:	30 tans
Bricks Size*	:	230x110x75mm
Max. Size	:	230x200x100mm
System	:	Hydraulic, Automatic, Rotarytable, Three Stationed, PLC Controlled
Table Rotaation :		Hydraulic motor (automatic) Mix Feed: Conveyour or manual
Brick Removal :		Manual
Raw material	:	Flyash, Iron Oxide, Lime Sludge, Quarry Wase etc

* Indicative only Production depends upon the labour efficiency and mix quality
** Higher tonnages, high production & Brick size as per customer specifications.



Standard bricks size is 230 x 110 x75 mm

PAN MIXTURE - 500:-

To Mix The Raw Materials:-

Capacity*	:	500 Kgs / BATCH
Power (Motor)	:	15/20 HP
Material charge	:	Manual or Conveyors
Discharge	:	Bottom door opening (Manual)
Mixing	:	By heavy rollers and hard faced scappers



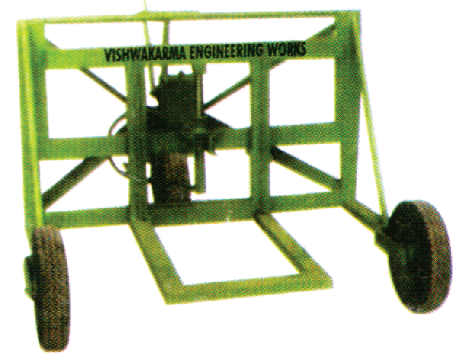
PALLET TRUCK - 500 :-

To convey the bricks with wooden pallets

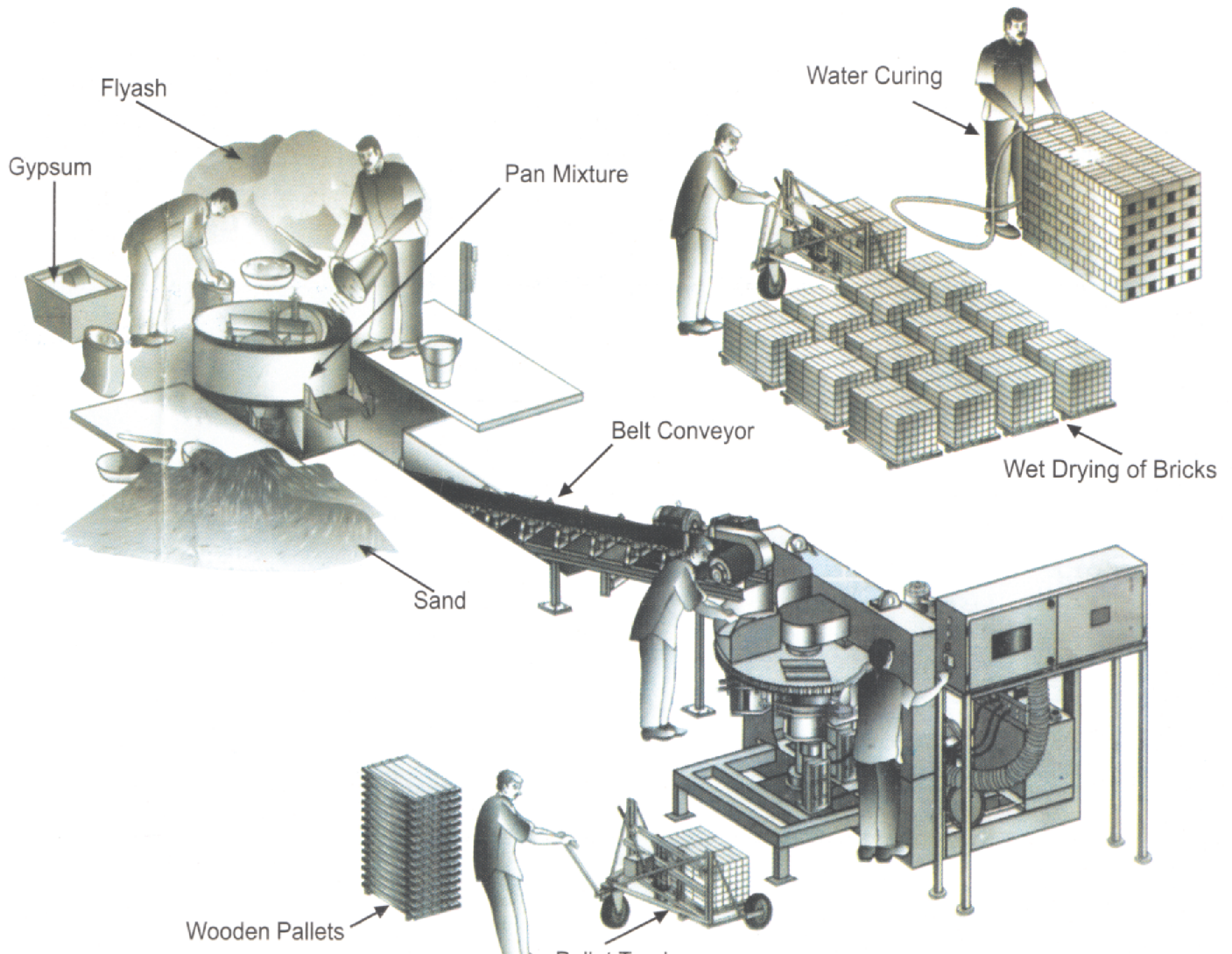
Capacity* : 500Kgs

System : Hydraulic Lifting Hand Pumping
Manual dragging

Wheels : 3-



FLYASH BRICK MAKING PLANT:-



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SOIL MIXING MACHINE

(FOR USE IN BHATTA BRICKS)



SPECIFICATION

Length - 21 Ft

Breadth - 6 Ft.

Chassis - 200mm heavy duty Ms Chanel

Body - Prime Ms Steel Plates

Aaugar - 14/15 mm. Thickness Dya 385 mm

Gearbox - Tata 50 No (Over hauled)

Capacity - 2200-2500 Bricks (3"x4"x9")

Power Required - 45-50 HP Tractor

Capacity Time - 3-5 min.

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SOIL MIXING MACHINE (FOR USE IN BHATTA BRICKS)



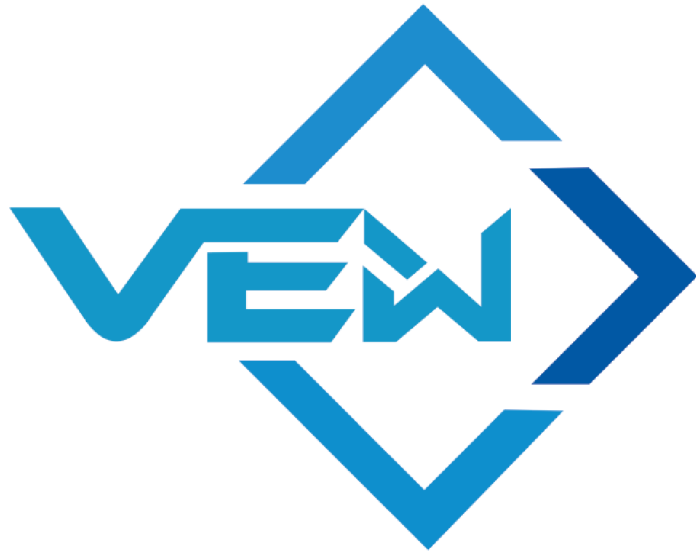
BITUMEN SPRAYER



AIR COMPRESSOR



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**MANUFACTURES & TRADERS OF :-
HOT MIX PLANT, PAVER FINISHER, BITUMEN TANK, ROAD ROLLER,
FLY ASH BRICKS MAKING MACHINE & OTHER ROAD MACHINERY**



**KH. NO.111/17, 111/18, MUNDKA,
NEW DELHI-110041
9811115512, 9811821123, off.: 9811821169**