

SPEEDCRAFTS

WET MIX MACADAM PLANT



FEATURES

- Modern Wet Mix Macadam Technology
- Produces High Quality Mix
- Portable or Stationary
- High Production Rate.
- Easy to Operate
- Highly Accurate Aggregate & Additives Feeder
- Manufactured as per MORTH Specification



DETAILED DESCRIPTION

4-BIN FEEDER

It is of single chassis construction. At each Bin a radial gate is provided which can be opened in any position to regulate the aggregate flow. Individual endless belts are provided, below the gates to discharge material onto the gathering belt.

VIBRATING SCREEN

A single-deck vibrating screen is provided on the slinger conveyor to remove oversize aggregates received from the 4-bin feeder.

SLINGER CONVEYOR

An inclined conveyor with 600 mm wide belt mounted on idlers receives aggregate from the gathering conveyor and feeds it to the pug mill.

PUG MILL

A twin shaft pug mill mounted on antifriction bearing provides quick, continuous and homogeneous mix of aggregates and additives.

WATER TANK

One / Two Water Tanks of 15 / 20 MT capacity each are provided, fabricated from steel plates with manhole, flowmeter, pump etc.

MINERAL FILLER

Fabricated from steel plates, it feeds the required quantity of additives to the pug mill.

CONTROL CABIN

A fully automatic Control Panel is provided for controlling the quantity and quality of production with operator sitting in Air-conditioned comfort.

OPTIONAL

Variable Feeding Device can be provided for Belt Feeder • Wet Mix Storage Silo

MISCELLANEOUS

- All components used are of top quality, with ISI Certification wherever available.
- All moving parts and electrical parts are provided with safety covers.
- Ease of Lubrication and dismantling has been built into the design for efficient maintenance and repair.
- Fabricated parts are thoroughly cleaned and treated before painting.
- Manufacturing is done with advance, internationally recognized techniques.

SPECIFICATIONS

Model	WMM-60	WMM-100	WMM-160
Output (TPH)	60	100	160
Cold Feed			
Gathering Conveyor (mm)	600	600	600
Belt Feeder Width (mm)	500	500	500
No. of Bins	4	4	4
Bin Capacity (MT)	8	10	12
Slinger Conveyor			
Conveyor Width (mm)	600	600	600
Pugmill			
Capacity (cu.m)	1.4	1.6	1.9
No of arms	20	26	32
Water Tank Capacity (MT)	15	15	20
Mineral Filler Capacity (MT)	2	3	5
Power Requirements			
4 bin Feeder (HP)	4x1.5	4x1.5	4x2.0
Gathering Conveyor (HP)	5	5	7.5
Slinger Conveyor (HP)	5	5	7.5
Vibrating Screen (HP)	0.5	0.5	0.5
Pug Mill Drive (HP)	15	20	25
Hydraulic Power Pack (HP)	3	3	3
Water Pump (HP)	2	3	5
Blower (HP)	2	2	3

Higher capacity plants are available on specific enquiry.

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SPEEDCRAFTS LIMITED

Layak Bhawan, Boring Canal Road, Patna - 800 001, (India)
Tel : 0091- 612-2534514, 2530065, 2520277 • Fax : 0091-612-2527229
Hand Phone : 0091-9431017258 , 9334112259 (Shashank Agarwala)
E-mail : info@speedcraftsindia.com / scrafts@satyam.net.in
Website : www.speedcraftsindia.com / www.speedcrafts.net