

Asphalt Equipments manufacturing
of utmost excellence



Wet Mix Plant
WMP 120/160/200/250

Apollo®

Apollo Wet Mix Plant

WMP 120/160/200/250



Apollo wet mix plants are manufactured with the best of the components and accessories. The unique design features make it the most efficient plant in terms of operational costs and ensure quality output. Available in fixed or variable speed drives, the plant is well equipped with bins having adjustable gates. The design of twin shaft pug mill ensures fast, continuous & homogenous mixing of aggregates & additives. Besides, the surge hopper arrangement allows discharge into trucks without shut down & spillage.

APOLLO Wet Mix Plant is designed and built as per M.O.R.T.H. specifications for achieving homogeneous mix material of WMM/C.T.A.B/G.S.B. layer to prepare sub base / base in road projects.



Four Bin Feeder

This is the very first step. Different sized aggregates are fed into the different feeder bins. This helps in getting proper proportion of each size according to the requirements.

- Each bin will have individual gear and variable speed drive motor. This enables the operator to control the speed of each bin separately in getting required proportion of each item.



Pug Mill Unit

- The unit is designed for fast, continuous and homogeneous mixing of aggregates and additives.
- The pugmill is designed for vibration-free & trouble-free functioning.
- The shafts are mounted on additional heavy-duty anti-friction bearings.
- The peddle arms and tips are made from wear-resistant alloy steel resulting longer life.
- The liner plates are resistant from corrosion and abrasion.

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Storage Silo

The 25 MT storage silo is robust and easy to transport, install & shift. Hydraulically operated gates open quickly resulting into quick discharge of mix material into the trucks without any kind of segregation.



Controls & Automation

Control cabin with on-board electric power console, distribution, switch board, fully automatic processes are a standard on Apollo WMP plants. It displays the entire process control parameters while panel enables the plant to run in auto & manual mode.

- User friendly software ensures top notch performance.
- Provision for storing & editing production details, mix proportions etc.



Cement Silo [Optional]

Cement silo comes in various capacities. Cement addition is directly into the pug mill mixer. Cement is ideal material which is usually added in small quantity and acts as a binding agent. Screw conveyor with variable speed drive motor add cement as per the desired percentage.

Salient Features

- Modern Wet Mix Technology
- Designed for Domestic & International Markets
- Modular Design for Containerized Transport
- Portable or Stationary
- Easy to Operate
- Highly Accurate Aggregate Feeders
- Fully Automatic Computerised Control Panel Board

Standard Configuration

- Pug Mill Mixing Unit
- Cold Aggregate Four Bin Feeder
- Oversize Removal Vibrating Screen
- Conveyors – Load Outs & Slinger
- Gob Hopper
- Electrical Control Panel with Fully Furnished Cabin

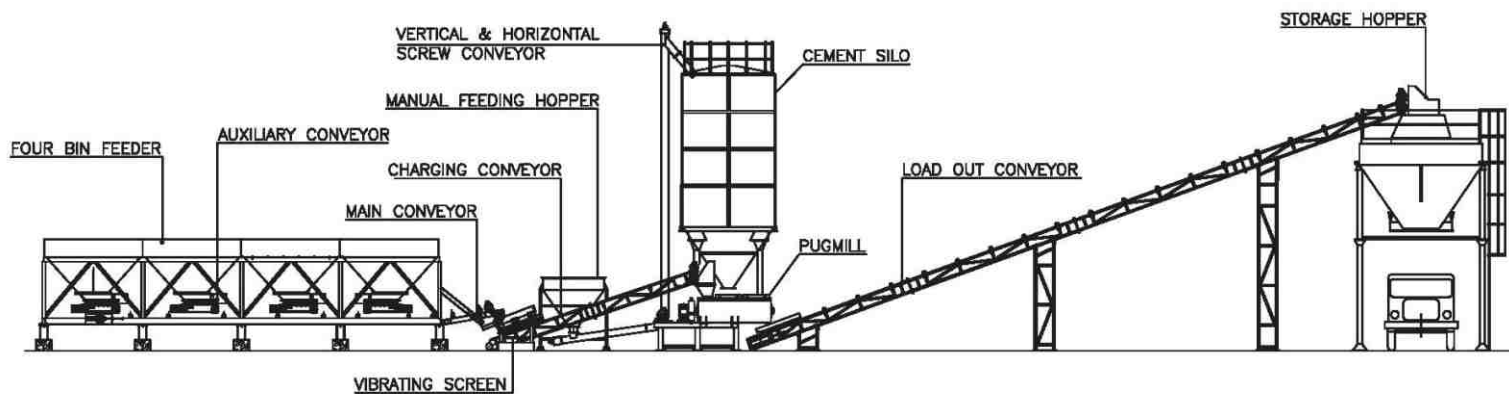
Optional

- Storage Silos
- Water Tank
- Emulsion Tank
- Cement Silo

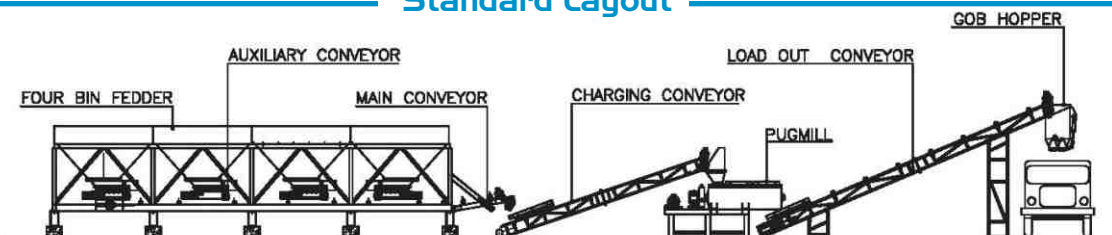
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Technical Specifications

Parameters Output	Unit	WMP 100	WMP 160	WMP 200	WMP 250
Capacity	TPH	120 TPH	160 TPH	200 TPH	250 TPH
Four Bin Feeder Capacity	Ton	32	42	47	54
VFD Drive in feeder		Optional	Yes	Yes	Yes
Auxiliary Conveyor	Mm/mtr	450/2.55	450/2.55	450/3.00	450/3.50
Vibrator for Fine Aggregate Bin	Hp	0.25	0.25	0.25	0.25
Pugmill (Mixer)					
Capacity	M ³	1.7	2.4	2.4	2.8
No. Of Arms Pair	Pair	10(20)	14(28)	14(28)	18(36)
Connected Load	Hp	20	40	40	50
Water Pump	Hp	3	5	5	5
Hydraulic Power Pack	Hp	5	5	5	5
Gob Hopper Capacity	Ton	1.0	1.0	1.5	1.5
Load Out Belt Conveyor	Mm/mtr	500 X 17.9	800 X 22	800 X 22	800 X 22
Connected Load	Hp	10	15	15	15
Wire Mesh	Mm	90 X 90	90 X 90	90 X 90	90 X 90
Water Tank	Ltr.	10,000	15,000	15,000	15,000
Storage Silo	Mt	--	15	20	25
Total Connected Load	Hp	57	84	84	94



Standard Layout



- With Apollo's policy of constant upgradation of products, specifications are subject to change without prior notice.
- Accessories shown here are optional and not the part of standard supply.



Apollo Inffratech Pvt. Ltd.

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