



*Quality Construction Equipment*



## ***SOIL STABILIZATION PLANTS***

*WM Series 100 - 300 tph*



**TUV NORD**  
★ Star Export House





### COLD FEED BINS

Over 40 years of experience and an installed base of 2000+ units, means design expertise for top performance even under the toughest of operating conditions.

The bins are all welded and modular in construction, permitting easy addition of bins to meet growing needs. Steep bin walls and valley angles allow free flow of aggregates from the feeders minimising hang up of materials in the corners and bridging with sticky aggregates. The bins are equipped with adjustable gates. The belt feeders can have either fixed or variable speed drives. The optional variable speed drive coupled with total and proportional controls, offers greater flexibility and accuracy of operation.

### PUG MILL UNIT

The twin shaft pug mill design provides fast, continuous and homogeneous mixing of aggregates and additives. The shafts are mounted on extra heavy duty anti-friction bearings for smooth function and extended life. The wear resistant alloy steel selection for paddle arm and tips ensures a long life. The reversible paddle arm tips lowers maintenance costs. The liner plates are corrosion and abrasion resistant.

## SOIL STABILIZATION PLANTS

WM Series 60 - 300 tph



- ◆ Proven Technology - Over 500 Plants in operation
- ◆ A wide range to suit individual needs- Stationary and Mobile plants
- ◆ Lower Capital & Operation Costs
- ◆ Rugged construction, standard bought outs, precisely engineered for base course applications
- ◆ Uniform mixing and delivery of mixed materials without segregation
- ◆ Accessories & Controls for all types of additives like cement, lime, emulsion, etc.
- ◆ Accurate proportioning and blending of aggregates & additives for proper graded materials
- ◆ Long life and guaranteed performance





### WATER TANK & METERING

The water tank has adequate surge capacity, a self-priming pump, control valve and spray bar with water flow meter for accurate metering. A cleaning arrangement with flexible piping is a thoughtful add on.

### ANTI SEGREGATION SURGE HOPPER

The surge hopper arrangement allows discharge into trucks without shut down and spillage. Fast acting hydraulically operated clamshell gates open across the entire width of the hopper, preventing segregation of the mix.

### CONTROLS AND AUTOMATION

The weather protected cabin houses the user-friendly controls that are specifically designed for industrial installations. The logically laid out control panel ensures sequential operation of the various drives and precise process control.

### STORAGE SILO

The 25 MT storage silo (optional in some models) is rigid, easy to erect and transfer. Fast opening hydraulically operated clamshell gates facilitate quick discharge of mix material into the trucks without segregation.

### FINES FEEDING SYSTEM FOR CEMENT TREATED AGGREGATE BASE (OPTIONAL)

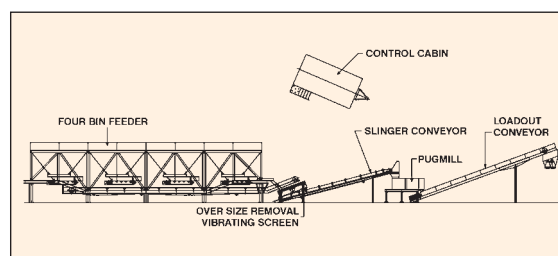
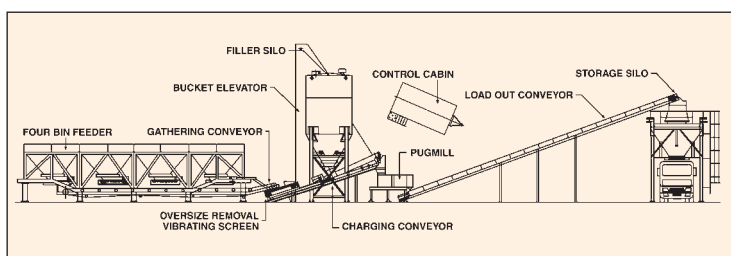
A filler silo unit of 40 MT capacity with a bucket elevator arrangement for receiving fines (cement/lime) from bags. A rotary metering valve coupled with a high efficiency screw conveyor delivers the specified quantity of fines to the pug mill unit.



## TECHNICAL SPECIFICATIONS

Plant Model		WM 100	WM 160	WM 200	WM 250
Rated Output	tph	100	160	200	250
<b>Four Bin Feeder</b>					
No. of Bins*/Total Capacity	nos / m <sup>3</sup>	4 / 25	4 / 32	4 / 32	5 / 40
Charging Width	mtrs	3.05	3.60	3.60	3.60
Auxiliary Drive Motor	kW	1.5	2.2	2.2	2.2
Gathering Conveyor Belt (W x L)	mm	600 x 25600	600 x 29600	600 x 29600	600 x 36880
Gathering Drive Motor	kW	3.7	5.5	5.5	5.5
Bin Vibrator (1 No.)	kW	0.18	0.18	0.18	0.18
Feeding Capacity	tph	120	180	225	260
<b>Over Size Removal Screen</b>					
Mesh Size	mm	65 x 65	65 x 65	65 x 65	65 x 65
Drive Motor	kW	2.2	2.2	2.2	2.2
<b>Charging Conveyor</b>					
Conveyor Belt (W x L)	mm	500 x 15025	600 x 15025	600 x 15025	600 x 15025
Conveyor Drive Motor	kW	3.7	5.5	5.5	5.5
<b>Pug Mill</b>					
No. of Paddle Arms		26	32	44	64
Drive Motor	kW	18.5	37	45	45
Capacity	m <sup>3</sup>	1.62	1.90	2.40	3.00
<b>Water Tank</b>					
Capacity	m <sup>3</sup>	18	18	18	18
Drive Motor	kW	1.5	3.7	3.7	5.5
<b>Load Out Conveyor with Gob Hopper (Optional with WM 160 &amp; WM 200)</b>					
Belt (W x L)	mm	600 x 17900	600 x 20300	600 x 20300	—
Drive Motor	kW	5.5	5.5	5.5	—
Gob Hopper Capacity	MT	1.5	2	2	—
Hydraulic Power Pack	kW	3.7	3.7	3.7	—
<b>Load Out Conveyor with Storage Silo (Optional with WM 100)</b>					
Belt (W x L)	mm	600 x 41100	800 x 41100	800 x 41100	800 x 41100
Drive Motor	kW	7.5	11	11	11
Storage Silo Capacity*	MT	25	25	25	25
Hydraulic Power Pack	kW	3.7	3.7	3.7	3.7
<b>Filler Silo (Optional)</b>					
Capacity*	m <sup>3</sup>	—	28.5	28.5	28.5
Connected Load	kW	—	4.5	4.5	4.5
Total Connected Load	kW	45.6	73.3	80.8	88.3
Recommended Genset Capacity	KVA	82.5	125	125	150
Open Land Requirement	mtrs	50 x 35	55 x 35	55 x 35	55 x 35

Offer for capacities over 250 tph and below 100 tph on request. \* Options available



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



India | Algeria | Australia | Afghanistan | Bangladesh | Botswana | New Caledonia  
Dominican Republic | Dubai | Egypt | Ethiopia | Iran | Iraq | Kenya | Kosovo  
Kuwait | Libya | Malawi | Malaysia | Maldives | Mauritius | Myanmar | Nepal  
Nigeria | Oman | Pakistan | Russia | Srilanka | Sudan | Saudi Arabia | Senegal | Tahiti  
Tanzania | Trinidad & Tobago | Tunisia | Uganda | Yemen | West Indies...

### GUJARAT APOLLO INDUSTRIES LIMITED

#### Corporate Office :

"Apollo House" Near Mithakhali Circle,  
Navrangpura, Ahmedabad - 380 009, INDIA.  
Phone : +91-79-2656 3730 / 6618 8888  
Fax : +91-79-2656 4705  
Email : ibd@apollo.co.in  
Website : www.apollo.co.in

#### Registered Office & Works :

Ditasan, Post Jagudan,  
State Highway,  
Mehsana - 382 710 (Gujarat) India.  
Phone : +91-2762-285 344 / 45  
Fax : +91-2762-285 359



**One Source, Unlimited Possibilities...**