



**SAPE ROADTECH  
INDIA PVT LTD.**



**WET MIX MACADAM**

## Four Bin Feeder

Single chassis construction, with a radial gate provided at each bin openable in any position to regulate aggregate flow, with individual endless belts below the gates to discharge material onto the gathering belt.



## Vibrating Screen

A single-deck vibrating screen on the slinger conveyor. A single-deck vibrating screen on the slinger conveyor 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.



## **Mineral Filler**

Fabricated quantity of additives to the pug mill.



## **Control Cabin**

A fully automatic control panel is provided to control 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.

## **Water Tank**

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

## **MISCELLANEOUS**

All components used are of top quality, with ISI Certification wherever available. All moving 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 advanced, internationally recognized techniques.

# TECHNICAL SPECIFICATIONS

Plant Model		WM 100	WM 200	WM 250
Rated Output	t/h	100	200	250
<b>FOUR BIN FEEDER</b>				
No. of Bins / Total Capacity	nos / m <sup>3</sup>	4 / 25	4 / 28	5 / 35
Charging Width	mtrs	3.05	3.6	3.6
Auxiliary Drive Motor	kW	1.5	2.2	2.2
Gathering Conveyor Belt (W x L)	mm	600x25600	600x29600	600x36880
Gathering Drive Motor	kW	3.7	5.5	5.5
Bin Vibrator (1 No.)	kW	0.18	0.18	0.18
Feeding Capacity	tph	120	225	260
<b>OVER SIZE REMOVAL SCREEN</b>				
Mesh Size	mm	65 x 65	65 x 65	65 x 65
Drive Motor	kW	2.2	2.2	2.2
<b>CHARGING CONVEYOR</b>				
Conveyor Belt (WxL)	mm	600 x 15025	600 x 15025	600 x 15025
Conveyor Drive Motor	kW	3.7	5.5	5.5
<b>PUB MILL</b>				
No. of Paddle Arms		26	44	64
Drive Motor	kW	18.5	45	45
Capacity	m <sup>3</sup>	1.62	2.4	3
<b>WATER TANK</b>				
Capacity	m <sup>3</sup>	18	18	18
Drive Motor	kW	1.5	3.7	5.5
<b>LOAD OUT CONVEYOR WITH GOB HOPPER (OPTIONAL WITH WMM 200)</b>				
Belt (WxL)	mm	600 x 17900	600 x 20300	-
Drive Motor	kW	5.5	5.5	-
Gob Hopper Capacity	MT	1.5	2	-
Hydraulic Power Pack	kW	3.7	3.7	-
<b>LOAD OUT CONVEYOR WITH STORAGE SILO (OPTIONAL WITH WMM 100)</b>				
Belt (WxL)	mm	600 x 41100	800 x 41100	800 x 41100
Drive Motor	kW	7.5	11	11
Storage Silo Capacity	MT	25	25	25
Hydraulic Power Pack	kW	3.7	3.7	3.7
<b>FILLER SILO (OPTIONAL)</b>				
Capacity	m <sup>3</sup>	-	28.5	28.5
Connected Load	kW	-	4.5	4.5
Total Connected Load	kW	45.6	80.8	88.3
Recommended Genset Capacity	KVA	82.5	125	150
Open Land Requirement	mtrs	50 x 35	55 x 35	55 x 35
<b>We offer capacities over 250 tph on request.</b>				



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