



## WETMIX PLANT

Capacity is 60 – 200 TPH

“FOR THE ROADS TO BE REMEMBERED FOREVER”

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## INTRODUCTION

This wet mix macadam plant provides high quality mixture of granular and sub base with dynamic control over production costs. It resolves biggest challenge of providing good base at uneven sites and hence it is engineering in a way that yields best quality build for the further structure.

Uniform mixing of aggregates, accurate blending, proper discharge of product without any segregation and binding of additive are the main objectives kept in mind while designing this road construction equipment. High quality steel parts and other quality base tough structure makes it strong and reliable.

This WM series can successfully provide cold mix, emulsion treated mixes, and lime/cement treated aggregate base mixes. The WMM plant provide advance process controls and automation, latest and proven technical solutions, plant installation at site with fully system support.

Complete range of models available with rated Capacity is 60 – 200 TPH

## COMPONENTS AND FEATURES

### COLD BIN FEEDER

Four bin feeders attach with each other in an anti-bridging fashion enhances easy and uniform flow of aggregates of different size. Smooth bin wall at valley angles allows free flow of different size aggregates without obstructing it at corners and preventing sticking to other aggregates. Automatic slide gates are provided with each bin for allowing aggregates to fall on conveyor. The aggregate flow from the feeders are operated using variable frequency drive having proportionate controls and high accuracy with great flexibility of operation

### WATER TANK & METERING

Water tank with surge capacity is provided with control valves to operate the flow of water to the mixer along with spray bar. For proper and accurate metering , water flow meter is attached to it. Also a water pump is offered aiding with flexible pipe arrangement give an extra emphasis.

### PUG MILL MIXER

Twin shaft type mixer is used for simultaneous mixing of different size aggregate along with additives. Paddles of mixer are made from high quality steel alloy that ensures it extended life and wear resistant quality. The shaft of paddles is mounted on tough bearings having anti-friction quality for uniform functioning of plant. The liners used here are resistant to wear and tear hence it has low maintenance cost.

### STORAGE SILO (OPTIONAL)

According to the plant capacity, storage silo are provided with clamshell gates having fast and easy opening and hydraulically operated. This facilitates quick discharge of mixed aggregate. It is easy to transfer and to erect.

## TECHNICAL SPECIFICATIONS

Unit		WM 60	WM 100	WM 160	WM 200
	Output	60 THP	100 THP	160 THP	200 THP
Four Bin Feeder	Capacity	40 Mt	40 Mt	54 Mt	54 Mt
	Loading Width	3.02 M	3.02 M	3.66 M	3.66 M
	Auxiliary Conveyor	W 450 mm/1.5 KW	W 450 mm/1.5 KW	W 450 mm/1.5 KW	W 450 mm/1.5 KW
	Gathering Conveyor	W 600 mm/3.7 Kw	W 600 mm/3.7 Kw	W 600 mm/5.6 Kw	W 600 mm/5.6 Kw
	Bin Vibrator	0.75 KW	0.75 KW	0.75 KW	0.75 KW
	Connected Load	10.45 Kw	10.45 Kw	15.35 Kw	15.35 Kw
	Shipping Dimension	13.5 x 2.55 x 2.45 M	13.5 x 2.55 x 2.45 M	16.25 x 2.55 x 2.75 M	16.25 x 2.55 x 2.75 M
	Shipping Weight	10.4 Tons	10.4 Tons	12.1 Tons	12.1 Tons
Vibrating Screen	Screening Area	1.1 m2	1.1 m2	1.1 m2	1.1 m2
	Connected Load	2.2 KW	2.2 KW	2.2 KW	2.2 KW
Charging Conveyour		W 600 mm / 5.5 Kw	W 600 mm / 5.5 Kw	W 600 mm / 5.5 Kw	W 600 mm / 5.5 Kw
Pug Mill	Capacity	1.38 Cu.m	1.38 Cu.m	1.90 Cu.m	2.40 Cu.m
	No. Of arms	20	26	32	32
	Connected Load	18.75 KW	18.75 KW	37.5 KW	45 KW
	Shipping Dimension	14000x2550x3200 mm	14000x2550x3200 mm	3955x1580x3018 mm	3955x1580x3018 mm
	Shipping Weight	6.8 T	7.2 T	4.2 T	4.55 T
Water Tank	Capacity	12000 Litres	12000 Litres	20000 Litres	20000 Litres
Water Pump	Connected Load	1.5 KW	1.5 KW	5.62 KW	5.62 KW
Hydraulic Power Pack	Connected Load	3.75 KW	3.75 KW	3.75 KW	3.75 KW
25 MT Storage Silo	Load out Conveyor			W 800 mm / 11.2 Kw	W 800 mm / 11.2 Kw
	Shipping Dimension			4140x2980x3000 mm	4140x2980x3000 mm
	Shipping Weight			5.15 T	5.15 T
40 MT Filler Silo*	Connected Load			4.45 KW	4.45 KW
	Shipping Dimension			2420 x 10600 mm	2420 x 10600 mm
Total connected load		42 KW	45.8 KW	80.8 KW	88.2 KW
Genset	Recommended Capacity	70 KVA	80 KVA	125 KVA	150 KVA



Other Products



WETMIX PLANT FOUR BEEN



WET MIX PLANT FUEL TANK



WET MIX PLANT PUGMIL MIXURE



SLINGER CONVEYER



WET-MIX-MACADAM\_PLANT



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