

Specifications of "Vishvakarma" Wet Mix Plant

<u>Description</u>	<u>WMM-100</u>	<u>WMM-150</u>
Plant Capacity	100 TPH	120/150 TPH
<u>Four Bin Feeder Unit</u>		
Number of Bins	4 (Four)	4 (Four)
Feeding Capacity	100 tph	120 tph
Bins Plate Thickness	5 MM	5 MM
Bin Size	2.90 m x 2.10 m x 1.83 m	2.90 m x 2.10 m x 1.83 m
Bin Belt Size	550 mm x 2.95 m	550 mm x 2.95 m
Motor	1.5 kw DC Drive	1.5 kw DC Drive
Gear Box	"C" SMSR	"C" SMSR
Bin's Drive	V – Belt	V – Belt
Bin Gathering Conveyor Motor	3.75 kw AC @ 1500	3.75 kw AC @ 1500
Bin Gathering Gear Box	"D" SMSR	"D" SMSR
Bin Gathering Drive	V – Belt	V – Belt
Bin Gathering Belt Size	600mm x 27.3 m	600mm x 27.3 m
Bin Vibrator Motor (Only 4 No Bin)	0.75 kw AC Drive	0.75 kw AC Drive
<u>Slinger Conveyor Size</u>		
	6.1 m	6.1 m
Motor	3.75 kw AC	3.75 kw AC
Gear Box	"D" SMSR	"D" SMSR
Belt Size	550mm x 12.35 m	600mm x 12.35 m
<u>Pug Mill Or Mixing Unit</u>		
Dimensions	1.4 m x 2.5 m	1.4 m x 3.0 m
Motor	18.75 kw AC	22.5 kw AC
Gear Box (Elecon)	7 NU	8 NU
Paddle Arms (L & R)	22 nos.	30 nos.
<u>Load-Out Conveyor Size</u>		
	11.9 m	11.9 m
Motor	5.62 kw AC	5.62 kw AC
Gear	"D" SMSR	"D" SMSR
Belt Size	600mm x 23.93 m	600mm x 23.93 m
Storage Hopper Capacity	1500 kgs.	1500 kgs.
Power Pack System (Hopper Open/Close)	2.25 kw AC	3.75 kw AC
<u>Control Panel</u>		
Microprocessor Base – DC / AC Drive	S.P.Electro Control	S.P.Electro Control
<u>Control Cabine (Insulated) Size</u>		
	10' x 6'	10' x 6'
<u>Water Tank</u>		
	10000 Lts.	10000 Lts.
Water Pump	1.5 kw	2.25 kw
Open Land Required	40 x 40 m	40 x 40 m
Total Connected Load of Plant	43 KW (58.5 HP)	48 KW (64.5 HP)