

**MFG OF:  
ROAD CONSTRUCTION  
EQUIPMENT & SPARES**



# APEX INDUSTRIES

Manufacturer of



Asphalt Drum Mix Plant ◆

Mobile Drum Mix Plant ◆

Wet Mix Macadam Plant ◆

Paver Finisher ◆

Tractor Mounted Sprayer ◆

Truck Mounted Sprayer ◆

Hydraulic Broomer ◆

Mechanical Broomer ◆

Bucket Broomer ◆

Tractor M.Air Compressor ◆

Bitumen Storage Tank ◆

Pollution Control Unit ◆

RMC Batching Plant ◆

Kurb Cutter ◆

# DRUM MIX PLANT >>



## TECHNICAL SPECIFICATION

Model (Capacity)	DM - 45 (40 to 60 t/h)	DM - 50 (80 to 100 t/h)	DM - 60 (100 to 120 t/h)
<b>Fourbin Feeder</b>			
No. of Bins	4	4	4
Storage Capacity	32 tons	40 tons	54 tons
Auxiliary Drive Motor	1.5 kW x 4 Nos	1.5 kW x 4 Nos	1.5 kW x 4 Nos
Auxiliary Conveyor Belt	500 mm x 2.75 mtrs x 3 ply	500 mm x 2.75 mtrs x 3 ply	500 mm x 2.75 mtrs x 3 ply
Auxiliary Conveyor Gear Box	SMSR x 4 Nos	SMSR x 4 Nos	SMSR x 4 Nos
Gathering Drive Motor	3.75 kW	3.75 kW	3.75 kW
Gathering Gear Box	SMSR	SMSR	SMSR
Gathering Conveyor Belt	500 mm x 22.5 mtrs x 3 ply	600 mm x 24 mtrs x 3 ply	600 mm x 26 mtrs x 3 ply
Bin Vibrator (1 No)	0.75 kW	0.75 kW	0.75 kW
Feeding Capacity	100 tph	150 tph	200 tph
Overall Dimension (Approx)	12.10 mtrs x 2.10 mtrs x 2.32 mtrs	13.13 mtrs x 2.38 mtrs x 2.45 mtrs	13.13 mtrs x 2.63 mtrs x 2.55 mtrs
Total Connected Load	10.50 kW	10.50 kW	10.50 kW
<b>Vibrating Screen</b>			
Drive Motor	0.37 kW x 750 RPM	0.37 kW x 750 RPM	0.37 kW x 750 RPM
Wire Mash	65 mm x 65 mm	65 mm x 65 mm	65 mm x 65 mm
<b>Slinger Conveyor</b>			
Conveyor Drive Motor	3.75 kW	3.75 kW	3.75 kW
Conveyor Drive Gear Box	SMSR	SMSR	SMSR
Conveyor Belt	600 mm x 15 mtrs x 3 ply	600 mm x 18 mtrs x 3 ply	600 mm x 18 mtrs x 3 ply
<b>Drum Mix Plant Unit</b>			
Drive Motor	15.00 kW	18.75 kW	30.00 kW
Drive Gear Box	Heavy Duty Worm Gear	Heavy Duty Worm Gear	Heavy Duty Worm Gear
Drive Chain Pitch	63.5 mm	78.1 mm	78.1 mm
Main Burner Connected Power	250 iph / 3.75 kW	350 iph / 35.62kW	770 iph / 11.25 kW
Exhauster Fan	800 mm	900 mm	1000 mm
Exhauster Drive Motor	15.00 kW	18.75 kW	30.00 kW
<b>Multiclone Primary Dust Collector</b>			
No. of Cones	15	20	21
Dust Screw Drive Motor	1.5 kW	1.5 kW	1.5 kW
<b>Fuel Tank</b>			
Capacity	2000 liters	2000 liters	3000 liters
<b>Loadout Conveyor</b>			
Conveyor Belt- HR Grade	500 mm x 15 mtrs x 3 ply	600 mm x 18 mtrs x 3 ply	600 mm x 20 mtrs x 3 ply
Gob Hopper Capacity	1.0 ton	1.0 ton	1.5 ton
Hyd. Power Pack	2.25 kW	2.25 kW	2.25 kW
<b>Bitumen Tank</b>			
Capacity	15 tons	20 tons	25 tons
Bitumen Drive Motor	3.75 kW	3.75 kW	3.75 kW
Bitumen Gear Box	Heavy Duty Worm Gear	Heavy Duty Worm Gear	Heavy Duty Worm Gear
Bitumen Pump (Jacketed)	50.8 mm x 50.8 mm	50.8 mm x 50.8 mm	50.8 mm x 50.8 mm
Hot Oil Drive Motor	0.75 kW	0.75 kW	0.75 kW
Hot Oil Pump	19.05 mm x 19.05 mm	19.05 mm x 19.05 mm	19.05 mm x 19.05 mm

Secondary Pollution Control Unit (Optional)		Accessories	
<b>CV Series Wet Dust Collector</b>			
Type: Venturi	Bitumen Tank	Capacity	15 / 20 / 25 / 30 / 50 tons
Exhauster Power: 15/18.75/30 kW		Heating type	Direct / Hot Oil Heating Type
Dust Emission: < 150 mg / Nm <sup>3</sup>	Hot oil Heater	Type	Normal Pressure Horizontal Tubular boiler
Overall Dimension without Ducts:		Capacity	500 000 Kcal / hr.
4500mm(L) x 1800mm(W) x 2300mm(H)	Hot mix Storage Silo	Capacity	10 / 15 / 25 / 50 tons

# WET MIX PLANT »



## TECHNICAL SPECIFICATION

Model (Capacity)	WM -100 (100 to 120 t/h)	WM -150 (150 to 180 t/h)	WM -200 (200 to 220 t/h)
<b>Fourbin Feeder</b>			
No of Bins	4	4	4
Storage Capacity	32 tons	40 tons	54 tons
Hopper Size (L x W)	2750 mm x 2250 mm	3000 mm x 2250 mm	3250 mm x 2500 mm
Auxiliary Drive Motor	1.5 kW x4 Nos	1.5 kW x 4 Nos	1.5 kW x4 Nos
Auxiliary Conveyor Belt	450 mm x2.75 mtrs x 3 ply	450 mm x2.75 mtrs x 4 ply	450 mm x2.75 mtrs x 4 ply
Gathering Drive Motor	3.75 kW	3.75 kW	3.75 kW
Gathering Conveyor Sail	600 mm x 22.5 mtrs x 3 ply	600 mm x 24 mtrs x 3 ply	600 mm x 26 mtrs x 3 ply
Bin Vibrator (1 No. )	0.75 kW x 1400 rpm	0.75 kW x 1400 rpm	0.75 kW x 1400 rpm
Overall Dimension (Approx)	12.1 mtrs x 2.1 mtrs x 2.13 mtrs	13.13 mtrs x 2.38 mtrs x 2.45 mtrs	13.13 mtrs x 2.63 mtrs x 2.55 mtrs
Total Connected Load	10.50 kW	10.50 kW	10.50 kW
<b>Vibrating Screen</b>			
Drive Motor	0.37 kW x 750 rpm	0.37 kW x 750 rpm	0.37 kW x 750 rpm
Screening Area	1.1 m <sup>2</sup>	1.1 m <sup>2</sup>	1.1 m <sup>2</sup>
Wire Mash	90 mm x 90 mm	90 mm x 90 mm	90 mm x 90 mm
<b>Slinger Conveyor</b>			
Conveyor Drive Motor	3.75 kw	3.75 kw	3.75 kw
Conveyor Belt	500mm x 15.00 mtrs x 3 ply	600 mm x18.00 mtrs x 3 ply	600 mm x 18.00 mtrs x 3 ply
<b>Pug Mill Unit</b>			
Capacity	1.62 Cu.m	1.90 Cu.m	2.40 Cu.m
No. of Arms	38	44	52
Drive Motor	22.5 kW	30.0 kW	37.5 kW
Shipping Dimension (L x W x H)	4015 x 1900 x 3115 mm	4440 x 2145 x 3100 mm	4440 x 2145 x 3100 mm
<b>Water Tank</b>			
Capacity	10000 itr	12000 itr	15000 itr
Water Pump	1.5 kW	1.5 kW	1.5 kW
<b>Loadout Conveyor Belt</b>			
Conveyor Drive Motor	3.75 kW	5.62 kW	7.5 kW
Conveyor Belt	600 mm x 18 mtrs x 3 ply	600 mm x 28 mtrs x 3 ply	700 mm x 32 mtrs x 3 ply
Hydraulic Power Pack	2.25 kw	2.25 kw	3.75 kw
Silo Hopper Capacity	2 ton	10 ton	15 ton
Total Connected Load	44.62 kW	53.99 kW	64.87 kW
Recommended Capacity of Genset	82.5 kva	125 kva	125 kva
Open Land Requirement	38 mtr x 20 mtr	40 mtr x 20 mtr	40 mtr x 20 mtr

# OUR PRODUCT >>>>



Asphalt Drum Mix Plant



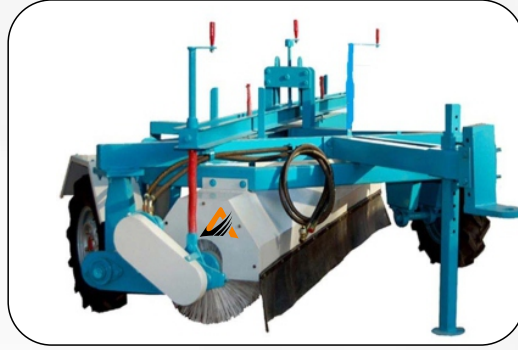
Mobile Drum Mix Plant



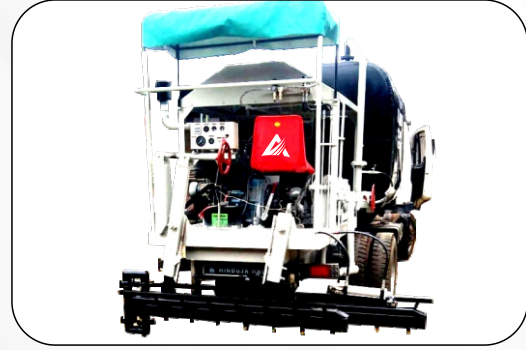
Tractor Mounted Sprayer



Bucket Broomer



Hydraulic Broomer



Truck Mounted Sprayer



Paver Finisher



Bitumen Storage Tank



Tractor M.Air Compressor



Tractor Mounted Sprayer



Pollution Control Unit



Kurb Cutter



Plot No.91, Dediyan G.I.D.C, Phase - II  
Mehsana, Gujarat- 384002.

+91 99742 29770 | +91 82004 86460

apexind@gmail.com [www.apexind.co.in](http://www.apexind.co.in)