

Mobile Asphalt Drum Mix Plant



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Model	Capacity
MDM-25	20-30 TPH
MDM-35	30-40 TPH
MDM-45	40-60 TPH
MDM-50	60-90 TPH
MDM-60	90-120 TPH

Technical Specification

MODEL	MDM-25 (20-25 TPH)	MDM-35 (30-40 TPH)	MDM-45 (40-60 TPH)	MDM-50 (60-90 TPH)
Four Bin Feeder				
NO. of BIN	2	3	4	4
Storage capacity	20 TON	31 TON	41 TON	53 TON
Auxiliary drive motor	2 HP*2 Nos.	2 HP*3 Nos.	2 HP*4 Nos.	2 HP*4 Nos.
Auxiliary Con. belt	450 mm*2.1 mtr.	450 mm*2.1 mtr.	450 mm*2.2 mtr.	500 mm*2.92 mtr.
Gathering drive motor	NIL	5 HP	5 HP	5 HP
Auxiliary conv. Gear box	SMSR/Helical	SMSR/Helical	SMSR/Helical	SMSR/Helical

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Slinger conveyor				
Drive motor	3 HP	5 HP	5 HP	5 HP
Conv. Drive gear box	SMSR/Helical	SMSR/Helical	SMSR/Helical	SMSR/Helical
Conveyor Belt	500 mm width	500 mm width	500 mm width	500 mm width
Dryer (Drum) Unit				
Drive Motor	7.5 HP	15 HP	20 HP	25 HP
Drive Gear Box	Heavy Duty Worm Gear	Heavy Duty Worm Gear	Heavy Duty Worm Gear	Heavy Duty Worm Gear
Drive chain pitch	2" Pitch	2.5" Pitch	2.5"	3.075"
Main Burner Connected Power	3 HP/100 LPH	5HP/150 LPM	5 HP/250 LPH	7.5 HP/350 LPH
Exhauster	5000 CFM	7000 CFM	10500 CFM	14500 CFM
Exhaust drive motor	7.5 HP	10 HP	20 HP	25 HP
Multi clone primary duct collector				
No. of cones	7 nos.	7	12	15
Dust screw drive motor	By Gravity	By Gravity	1 HP	1.5 HP
Fuel tank capacity	1500 Litres	2000 Litre	2000 LITRES	4000 LITRES
Fuel tank drive motor		1 HP	1 HP	1 HP
Fuel oil pump		3/4" x 3/4"	3/4" x 3/4"	3/4" x 3/4"
Load out Conveyor				
Conveyor drive motor	5 HP	5 HP	5 HP	7.5 HP
Conveyor drive gear box	SMSR/Helical	SMSR/Helical	SMSR/Helical	SMSR/Helical
Conveyor belt – HR grade	500 mm width	600 mm width	600 mm width	600 mm width
GOH Hoper capacity	500 kg.	650 TON	650 kg	850 kg
Hyd. Power pack	2 HP	2 HP	2 HP	3 HP
Bitumen tank				
Capacity	10 TON	15 TON	18 TON	20 TONS
Bitumen drive motor	3 HP	5 HP	5 HP	5 HP
Bitumen Gear Box	Heavy Duty Worm Gear	Heavy Duty Worm Gear	Heavy Duty Worm Gear	Heavy Duty Worm Gear
Bitumen pump(jacketed)	2" x 2"	2" x 2"	2" x 2"	2" x 2"
Hot oil drive motor	Optional	Optional	1 HP	1 HP
Hot oil pump	Optional	Optional	3/4" x 3/4"	3/4" x 3/4"
Total Connected Load	35 HP	59 HP	78 HP	94.5 HP



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