

ADVANCED BATCH TYPE ASPHALT MIXING PLANT

**PRO SERIES**



**COST EFFECTIVE  
WARM MIX ASPHALT  
SYSTEM**



**NON-STOP OPERATION  
WITH HOT MIX  
STORAGE SYSTEM**



**PRECISE & ACCURATE  
2-STAGE BITUMEN  
WEIGHING SYSTEM**



# PRIMACH<sup>®</sup>

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Model		PM-A160	PM-A180	PM-A200	PM-A240
Rated Production Capacity		160 t/h	180 t/h	200 t/h	240 t/h
Cold Feeder System	Cold Feeder Bin	10 m³ × 5	10 m³ × 5	10 m³ × 5	18 m³ × 5 (or 6)
	Extracting Belt Conveyor	2.8-140 t/h × 5	2.8-140 t/h × 5	2.8-140 t/h × 5	2.8-140 t/h × 5
	Collecting Belt Conveyor	210 t/h	210 t/h	210 t/h	310 t/h
Drying System	Dryer Drum Capacity				
	▪ 3% Moisture Content	170 t/h	220 t/h	220 t/h	300 t/h
	▪ 5% Moisture Content	120 t/h	180 t/h	180 t/h	240 t/h
	Dryer Drum Size	Ø1.9 m × 8.5 m	Ø2.2 m × 9.0 m	Ø2.2 m × 9.0 m	Ø2.5 m × 9.0 m
	Burner	Diesel			
	Optional	Diesel / Heavy Oil or Diesel / Natural Gas			
Dust Collecting & Filtering System	Filtering Type	▪ (1st Stage) Pre-separator ▪ (2nd Stage) Bag Filter			
	Filtering Surface	476 m³	625 m³	625 m³	796 m³
	Exhaust Fan Capacity	45,000 Nm/h	61,000 Nm/h	61,000 Nm/h	80,000 Nm/h
Screening-Weighing-Mixing System	Aggregate Elevator	190 t/h	190 t/h	270 t/h	270 t/h
	Filler Elevator	17 t/h	17 t/h	27 t/h	27 t/h
	Screening	Multiple Deck Vibrating Screen			
	Screen Surface	24.2 m²	24.2 m²	28.1 m²	38.4 m²
	Hot Bin Quantity	5 + 1	5 + 1	5 + 1	5 + 1 or 6 + 1
	Hot Bin Volume	21 m³	21 m³	40 m³	45 m³
	Aggregate Weighing Capacity	2,000 kg	2,250 kg	2,500 kg	3,000 kg
	Filler Weighing Capacity	200 kg	250 kg	300 kg	400 kg
	Bitumen Weighing Capacity	200 kg	250 kg	300 kg	400 kg
	Mixer Capacity	2,000 kg	2,500 kg	3,000 kg	3,300 kg
	Filler Scaling & Feeding	▪ Fully Computerized ▪ Variable-Frequency Screw Conveyors			
	Bitumen Scaling & Feeding	▪ Dynamic 2-Stage Metering ▪ High Pressure Uniformly Spraying			
	Optional	Electric Wrench for Screen Mesh Maintenance			
	Bitumen Heating & Storage System	Bitumen Tank	▪ Horizontal Type ▪ 35,000 L or 50,000 L		
Heating Method		Hot Oil			
Hot Oil Boiler		500,000 kcal/h or 750,000 kcal/h			
Filler Storage & Feeding System	Storage Silo	Double Filler Silo			
	Optional	Single Filler Silo			
		Waste Dust Handling System			
Hot Mix Storage System	Optional	By Side Type or Under Mixer Type			
Fuel Storage & Feeding System	Fuel Tank	▪ Horizontal Type Diesel Tank ▪ 20,000 L or 50,000 L Diesel Tank			
	Optional	Horizontal Type Heavy Oil Tank			
Control System	Standard	▪ LEAP Control System ▪ PLC and CAN-BUS ▪ Air-Conditioned Control Cabin			
		Remote Monitoring System			
		Plugs and Sockets for Cable Quick Connection			
Environment Index		▪ Dust Density ≤ 20 mg/Nm³ ▪ Cabin Noise ≤ 70 Db ▪ Ringelmann Blackness Class I			
Note: ▪ Some specifications / options might not be available in some countries due to local regulations. ▪ Specifications / options are constantly updated and subject to change.					