



SIDHARATHA ASPHALT BATCH MIX PLANT is an amazing combination of Acclimatized international technology to suit to Indian climatic conditions and economy. highly thermal efficient plant means considerable saving on fuel energy. – minimum carbon footprints due to minimum CO, CO₂ gases & dust emission from stack thus pollution control system is designed to meet the stringent Govt. pollution norms. plant actually delivers promised tph as rated. – plant produces high quality consistent asphalt hot-mix by precise control of aggregates gradation & bitumen content of each batch by weighing on load cells.

Plant Model	1000	1500	2000
Plant capacity at 3 % moisture content	80 t/h	120 t/h	160 t/h
Batch size	1000 kg	1600 kg	2000 kg
Cycle time	45 sec	45 sec	45 sec
Units			
Cold feed bins (No. of Bins)	4	4	4
Charging conveyor (Capacity)	140 t/h	140 t/h	180 t/h
Thermo drum (Dryer (LxD))	6.6 × 1.54 mtrs	7.5 × 1.8 mtrs	8 × 2.1 mtrs
Drive type	4W Friction drive		
Burner Type	High pressure, fully automatic, modulating		
Fuel	Diesel / furnace oil		
Capacity	7.6 MW/hr	14.1 MW/hr	14.1 MW/hr
Hot elevator capacity	140 t/h	140 t/h	180 t/h
Tower unit			
Filler elevator capacity	21 t/h	21 t/h	21 t/h
Screening unit (Screening method)	Inclined linear vibration		
No.of deck	4	4	4
Screening capacity	140 t/h	140 t/h	180 t/h
Weighing unit (Aggregate hopper capacity)	1600 kg	1600 kg	2000 kg
Filler hopper capacity	300 kg	300 kg	300 kg
Bitumen hopper capacity	225 kg	225 kg	225 kg
Mixer unit type	Twin-shaft hot oil jacketed		
Mixer capacity	1600 kg	1600 kg	2000 kg
Bitumen pump	800 lpm	800 lpm	800 lpm
Pollution Control Unit			
Primary type	Centrifugal double cyclone		
Secondary type	Bag house filter		
Bag house filter	Reverse airflow		
Filter area	330 m ²	330 m ²	330 m ²
Control panel type	Fully computerized with manual over-ride		
Accessories			
Filler silo (Capacity range)	10 Ton	15 Ton	15 Ton
Bitumen tanks (Capacity range)	15 / 25 / 30 / 50 Ton.		
Heating system	Direct heating / thermic oil heating		
Thermic oil heater (Hot oil heater capacity)	300000 / 500000 kcal/hr		
Hot mix storage silo (Capacity range)	12 – 200 m ³		
	3 % moisture content in cold aggregates		
	Aggregate density of 1.6 tons / m ³		
Plant capacity rated at:	Mean sea level		
	Ambient temperature of 30 °C		
	Hot mix temperature of 150 °C		

* Per SIPL's Policy of constant up gradation of product, specification are subject to change without prior notice.