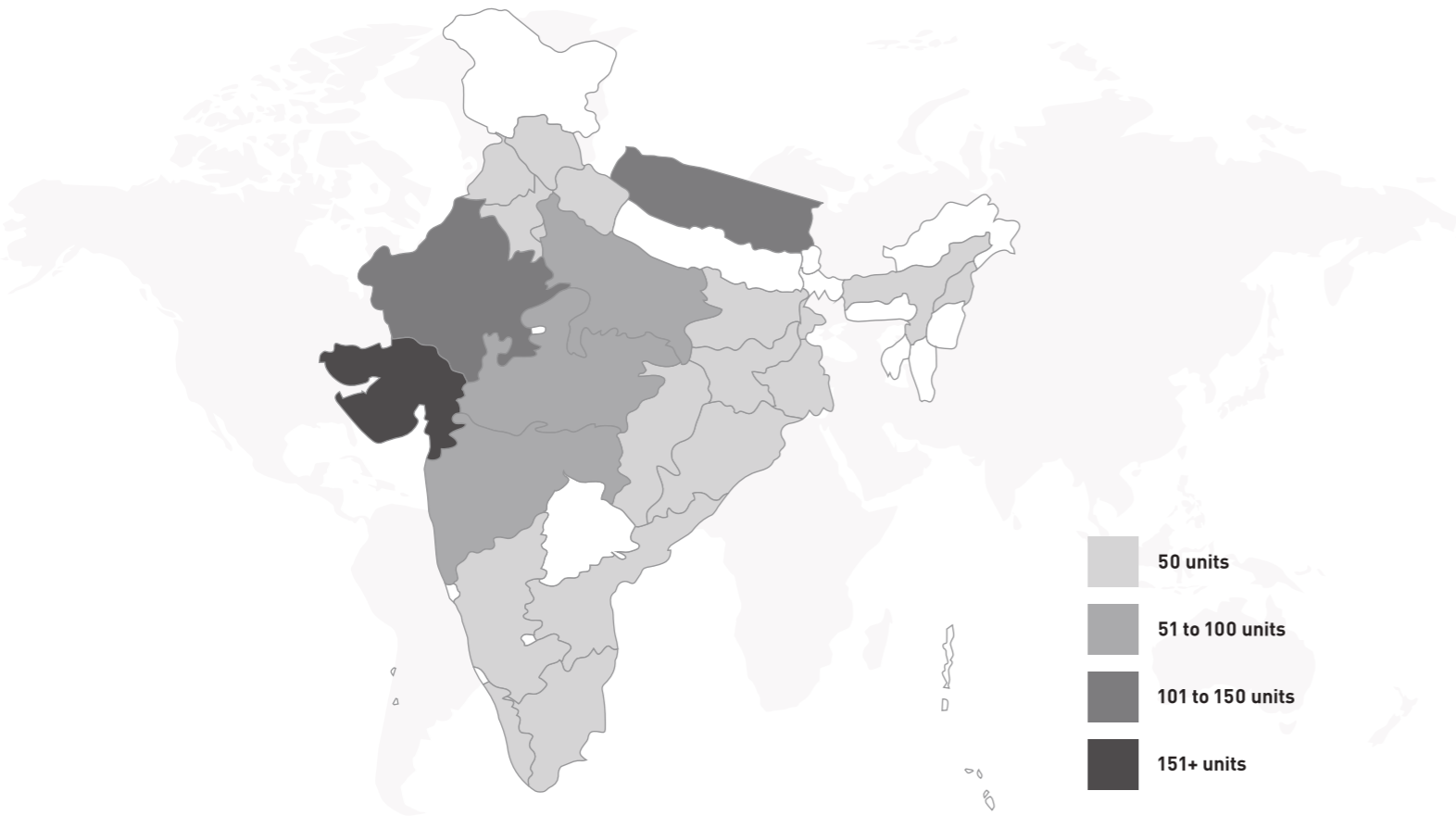



OUR NETWORK



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35 YEARS
EXPERIENCE

1000+
INSTALLATIONS

* As Per Ashitech's policy of constant upgradation of products, specifications are subject to change without prior notice.



ASHITECH™



ASPHALT BATCH MIX PLANT

ASHIRVAD®



ASHITECH™

ASPHALT BATCH MIX PLANT

ASHITECH® ABM series asphalt batch mix plant are renowned for their high efficiency, production capability and low maintenance

Specially designed drum flight patterns through extensive research helps in reducing the fuel consumption considerably. The drying drum is also provided with friction drive technology to reduce any maintenance and it is fitted with state of the art atomising burner developed by company to obtain maximum performance with minimal consumption

The inclined Linear motion vibrating screens contribute to top notch performance and the free floating screen design prevents vibrations from being transferred to the weighing system. Hot bin unit is equipped with highly efficient low maintenance pneumatic controls with level indicators provided with system integration allow for automatic controls of the aggregate input from cold feeder bins thus minimizing material loss. The weighing system too being really reliable, accurate and maintenance free due to the vast R&D done behind in to develop such one of a kind system

specifically for this product which is one of the main reason for the success of the product in such a short time after its introduction. The mixer unit is the heart of the asphalt batch mix plant and has a large live zone, realizing a quick and even mixing of asphalt. The mixer unit is hot oil jacketed and supplied with low-maintenance drive the paddle arm and tips are designed to great detail by the company in order of facilitate even mixing and superior distribution of bitumen throughout the batch. The paddles, arms and tips are made of wear resistant hardened cast alloy steel. Mixer unit is provide with anti wear liner plates.

Fully Automatic Synchronize control panel unit, with on-board electrical control console, distribution switch board, fully automatic plc/hmi automation, interlock and sequence control are our standard

The ABM series plants are supplied with a standard dual stage pollution control system, comprising of a primary cyclonic dust collector and a secondary bag type filter unit for minimized dust emission.

Standard dual stage dust emission control systems

Fully automatic PLC/HMI automation interlocks and sequence controls

High efficiency and production capability due to extensive design researches

Highly proven brought out item usage for enhanced product experience, efficiency and performance.

Minimum dust emission and fuel usage to decrease the adverse effects on nature

ASPHALT BATCH MIX PLANT FEATURES



HIGHLY EFFICIENT ASPHALT BATCH MIX PLANT

TECHNICAL SPECIFICATION

MODEL	ABM - 80	ABM - 100	ABM - 120	ABM - 160	ABM - 180	ABM - 200
PLANT CAPACITY (TPH)*	80	100	120	160	180	200
BATCH SIZE (Kg)	1000	1250	1500	2000	2250	2500
CYCLE TIME (Sec)	45					
FEEDER UNIT						
COLD FEED BINS (NO. OF BINS)	4	4	4	4	4 / 5	4 / 5
FEEDER CAPACITY (kg)	32000	32000	44000	44000	56000/70000	56000/70000
CHARGING CONVEYOR CAPACITY (TPH)	100	120	140	180	200	220
DRYER UNIT						
DRIVE TYPE	Friction drive					
BURNER TYPE	High pressure, fully automatic, modulating					
FUEL	Diesel / Light Diesel Oil/furnace oil					
TOWER UNIT						
HOT ELEVATOR CAPACITY (TPH)	100	120	140	180	200	220
FILLER ELEVATOR CAPACITY (TPH)	-	-	21	21	25	25
FILLER COMPRESSOR UNIT CAPACITY (TPH)	15	15	-	-	-	-
NO. OF. DECK	4	4	4	4	4/5	4/5
SCREENING CAPACITY (TPH)	100	120	140	180	200	220
HOT AGGREGATED BIN UNIT (NO. OF BINS)	4	4	4	4	4/5	4/5
AGGREGATE HOPPER CAPACITY (Kg)	1250	1500	1800	2500	2750	3250
FILLER HOPPER CAPACITY (Kg)	150	150	200	200	300	300
BITUMEN HOPPER CAPACITY (Kg)	150	150	200	200	300	300
MIXTURE TYPE UNIT						
MIXTURE CAPACITY (Kg)	1250	1500	1800	2500	2750	3250
DUST EMISSION CONTROL UNIT						
PRIMARY	Centrifugal cyclone unit					
SECONDARY	Bag filter unit					
BAG FILTER TYPE	Reverse airflow					
FILTER AREA (m ²)	200	200	340	340	450	450
CONTROL PANEL	Fully Synchronized with manual over-ride (HMI/PLC Based)					
ACCESSORIES						
BITUMEN TANKS (CAPACITY IN LITER)	20000/30000/50000					
HEATING SYSTEM	Direct heating / indirect heating					

*3% moisture content in cold aggregates, 38°C atmospheric temperature, aggregated density of 1.6 tons / m³, mean sea level, Hot mix temperature of 150°C.