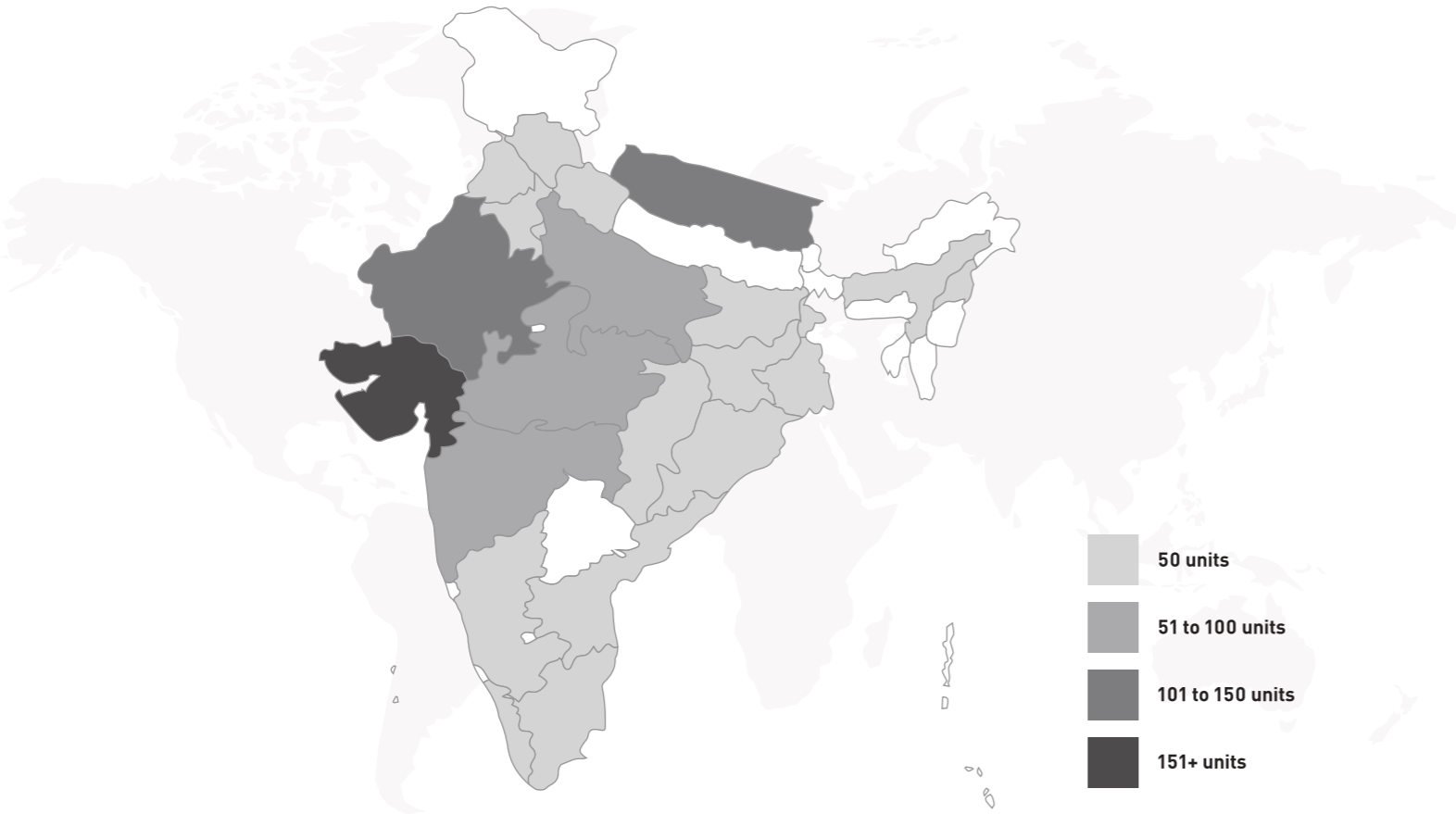


## OUR NETWORK



### ASHITECH EQUIPMENTS PVT. LTD.

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EXPERIENCE

**1000+**  
INSTALLATIONS

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



# ASHITECH™



## DRUM MIX

# ASHIRVAD®



ASHITECH™

## DRUM MIX

ASHITECH® DM series drum mix plants have been a dominant product for the company in the market before the introduction of the batch mix plants by the company due to really sturdy built quality and great output performance and low maintenance with higher efficiency benefiting the customer in numerous ways due to which the customers have shown us so much support for our products in the past and still are believing in our machines due to the top quality consistency. All the four bins are fitted with individual AC Motor and gear box to control & regulate the flow of aggregate from each bin gathering conveyor is equipped with scrapper and driven by AC motor. Aggregate is fed into thermo drum unit through slinger conveyor after removing oversize material. The flight pattern of the drum has been specially designed through years of research and and development so that the customers can reap the rewards of our design in their production. The thermo drum unit is specially designed with

designated compartment for heating, mixing & discharge. The plant is provided with dust emission control system. Primary being cyclonic type & secondary being wet dust collector type. Heavy duty exhauster unit for maximum suction is provided to improve plant performance. Bitumen and filler adding system have a great precision so that the mix quality achieved is uniform & according to requirement. Well built control cabin for electric panel setup for ease of operation. The usage of really high quality brought out items has been a consistent case with our company. When we talk about long term life of machine and the service commitment ASHITECH® has always been praised by all the help out the customers. our service team is committed on providing prompt response to any service call to minimize The lead time & to minimize the losses incurred by customer due to breakdown. The optional feature list includes extra filler addition system & using furnace oil (FO) as a fuel for both these feature, system can be provided as per customer requirement.

### TECHNICAL SPECIFICATION

MODEL	DM - 45	DM - 50	DM - 60
PLANT CAPACITY (TPH)*	45 - 60	60 - 90	90 - 120
DIMENSION OF THERMO DRUM UNIT (LXWXH) (m)	10.60 X 2.50 X 2.70	11.80 X 2.70 X 2.80	13.90 X 2.90 X 3.10
BURNER SIZE ( l/h)	200 - 250	300 - 350	550 - 600
BURNER TYPE	Hi - Lo Type Pressure Jet	Hi - Lo Type Pressure Jet	Hi - Lo Type Pressure Jet
FUEL TYPE	HSD, LDO	HSD, LDO	HSD, LDO
EXHAUSTER UNIT (CFM)	10500	14500	15500
DUST COLLECTOR	15 Cones	20 Cones	24 Cones
DRUM DIAMETER (m)	01.20	01.50	01.80
FEEDER CAPACITY ( kg)	32000	44000	44000
BITUMEN TANK (CAPACITY IN LITER )	15000 / 20000 / 30000		
FILLER CAPACITY (kg)	1000		
POWER REQUIRED TOTAL (KW)	79	94.38	115.76
TOTAL AREA REQUIRED FOR INSTALLATION	35 X 35 m	38 X 38 m	45 X 45 m
<b>GEAR DETAIL</b>			
AUXILIARY CONVEYOR	Helical Type		
GATHERING CONVEYOR	Helical Type		
SLINGER CONVEYOR	Helical Type		
LOADOUT CONVEYOR	Helical Type		
SCREW CONVEYOR	NU Worm Type		
DRUM DRIVE UNIT	SNU Worm Type		
BITUMEN PUMP	Gear Type		

\* ≤3% moisture content in cold aggregates, 30°C atmospheric temperature, aggregated density of 1.6 tons /m<sup>3</sup>, mean sea level.

