

~ Core Competency.

- | | |
|--|--|
|  Asphalt Mixing Plant (HMA). |  Concrete Block (Paver/Brick) making Machine. |
|  Bitumen Decanters (Drum & Bag type). |  Counter Flow Drum Mix Plant (CFD). |
|  RDSO Steel Girders (heavy engineering). |  Micro (Slurry) Surfacing Machine. |



ALLTECH INDUSTRIES INDIA PRIVATE LIMITED

Mfg of Road & Civil Construction Equipment

Head Office and Factory:

A1, Geratpur Patiya, Near Saffrony Resort, Mehsana-Ahmedabad Highway, A1 & Pa Ditasan, Dist. Mehsana 382710, Gujarat, India

North India Operating Office (Delhi):

Flat No.100, Pink Apt., Sec.18 B, Dwarka, New Delhi-110078, India.

Asphalt Batch Mix Plant

Capacity range 80-240 TPH

Classic Series



Most
Fuel Efficient

Mostly
Maintenance Free

ABMP

DON'T GET FRAMED
BY COMPETITION
JUST TRUST ON
OUR SOLID DESIGN



Asphalt Batch Mix Plant

Capacity range 80-240 TPH

Classic Series

ALLTECH INDUSTRIES INDIA PRIVATE LIMITED



ABOUT

Established by Experience, Regarded for Strength, Known for Quality

ALLTECH is The One of India's Pioneer manufacturers & current Market Leaders of Road and Civil Construction Machinery. ALLTECH, Who Known for Quality, Strong Leadership and Years Of Experience. From Decades, Alltech has maintained its position amongst the Calibrated Road Construction Company & Contractors of the country.

Alltech Industries are known for Strength, Quality and Endurance. Our Products, Services and Machinery has helped Road Contractors Build Roads of Utmost Quality, Showing Resilience Comfort And Long Life. In Addition To the Products, Alltech Industries is a Customer Driven Organization which gives Best Learning and Developing Platforms to Top Talents & Experts. ALLTECH understands the current scenario of Roads & Civil Work's needs and always try to stay ahead of the Learning Curve.



MISSION

100% Customer Satisfaction is Our Reward

Alltech Industries supplies a top of the line customer centric asphalt plant with a mission of 100% Customer Satisfaction-running deeply in the DNA of the company. Our Mission consolidates our ability of supplying Reliable Asphalt Plants, which produces hot mixes at desired capacities along with technologically advanced and top of the curve products. We want our customers to remember us for our Unique Quality, Services and Products.

VISION

Connecting Villages To The Cities, Cities With The States And States With The Nations

Being one of the Largest Suppliers of Asphalt Technology and Products, We envision standing strong as the World's Leading Asphalt Plant Suppliers, Hugely Contributing to the transport infrastructure and regarded as market leaders for taking the asphalt plant technology ahead of its spectrum - Delivering Designs and Components, Which could change the face of the industry.

Why 'ALLTECH' Asphalt Plant?

Designed by Experiences, Manufacturing with Excellency

ALLTECH Group established in 2007 and began its journey in Mehsana district of Gujarat, India. Which is a birthplace for the manufacturing of road construction equipment. Alltech Group, with humble beginning of contract manufacturing for one of the leading European asphalt plant manufacturers, the current indigenous product portfolio has been developed to harness the available market opportunities.

We have inherited strength of technologically advanced and potential product manufacturing for road construction & maintenance in its region of operation.

We are a life long partner with Quality, with Loyalty and with a Passion. Innovation for our Customers that delivers beyond what is normally possible.



Raisina Crusher
Zone, Haryana



Gurugram, Haryana



Kurnool, Andhra Pradesh



Sanchor, Rajasthan



Lagos, Nigeria



Wankaner, Gujarat



Ahmedabad, Gujarat



Surat



Jind, Haryana



Patdi, Gujarat



ALLTECH

Junagadh, Gujarat



Jamalpur, Bangladesh



Aurangabad, Maharashtra



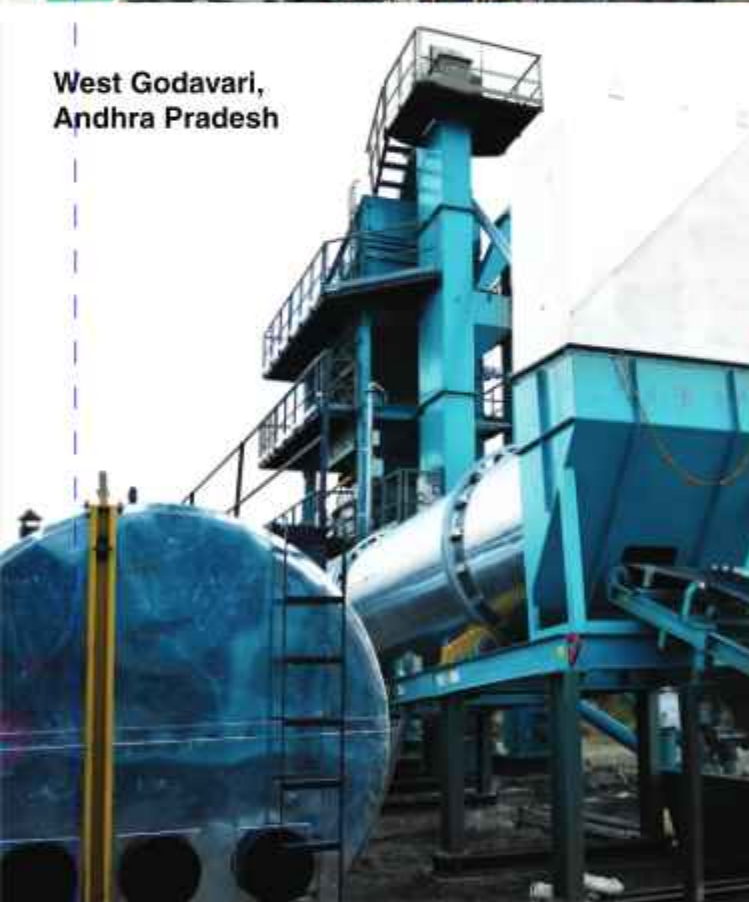
New Mumbai, Maharashtra



Naogaon, Bangladesh



West Godavari, Andhra Pradesh



Sirojganj, Bangladesh



Kothamangalam, Kerala



Idar, Gujarat



Mallapuram, Kerala



Sylhet, Bangladesh

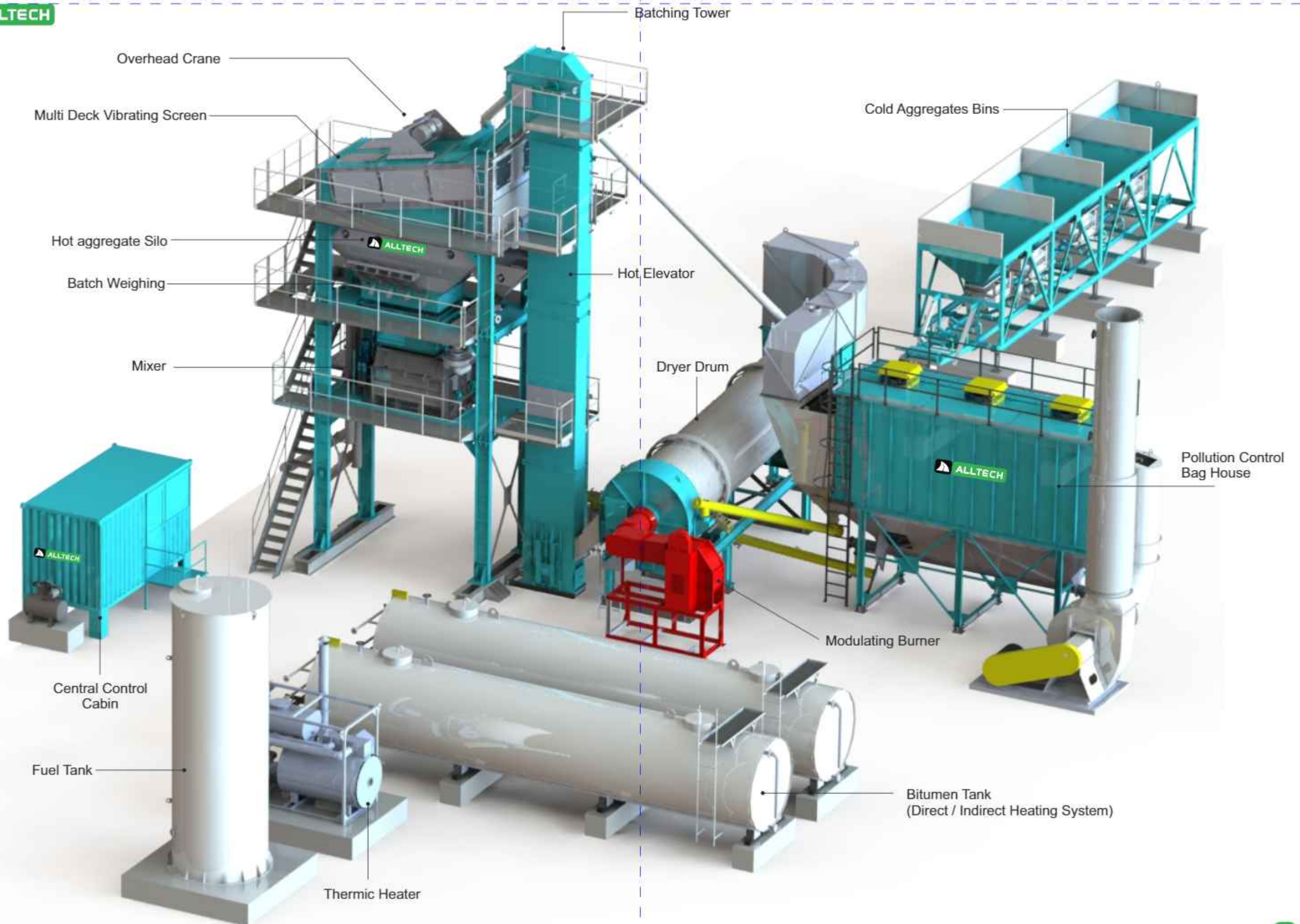


Panvel, Maharashtra



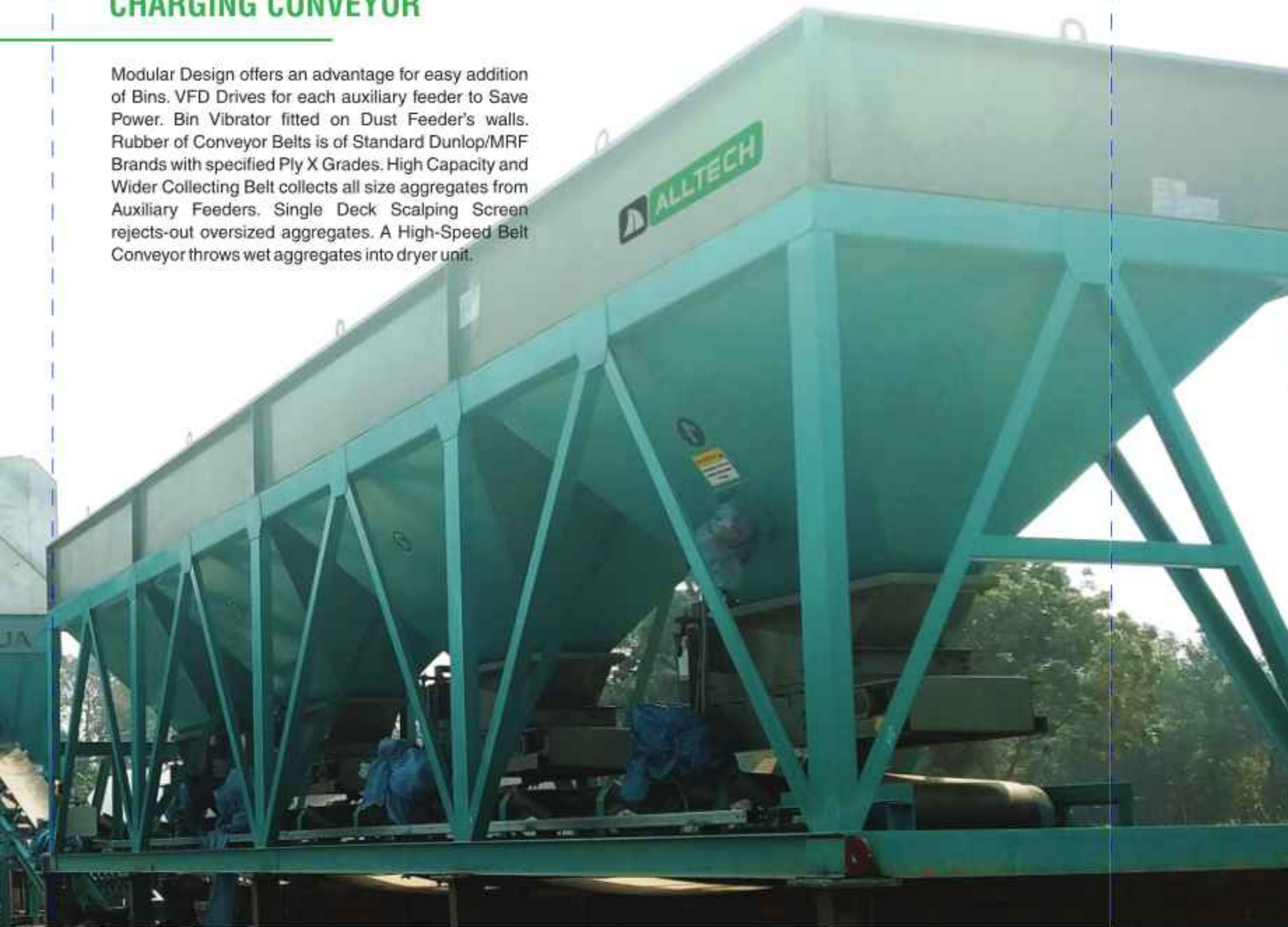
Porbandar, Gujarat





COLD AGGREGATES BINS to CHARGING CONVEYOR

Modular Design offers an advantage for easy addition of Bins. VFD Drives for each auxiliary feeder to Save Power. Bin Vibrator fitted on Dust Feeder's walls. Rubber of Conveyor Belts is of Standard Dunlop/MRF Brands with specified Ply X Grades. High Capacity and Wider Collecting Belt collects all size aggregates from Auxiliary Feeders. Single Deck Scalping Screen rejects-out oversized aggregates. A High-Speed Belt Conveyor throws wet aggregates into dryer unit.



BATCHING TOWER

Pneumatics on Batch Tower will be Easily Repairable and are of Imported and Standard make. All Gear Box are of Imported and Standard Make. Pneumatics and Gear Box Manufacturer Give 24 X 7 Days Service Available in India & Abroad.

THERMO INSULATING AGGREGATES DRYER with BURNER

Modulating type High Pressure Jet, Mono-Block Burner suitable for Diesel/Light Diesel Oil/Furnace Oil with the best Fuel Efficient proved. Insulated Drum surface by thermo-wool to prevent surface heat losses & riveted cladding with Mirror Glossy sheet for aesthetic look. Specially design lifting Flights for maximum heat transfer from hot gases to aggregates. 2-Nos Thick Trunnion rings for its longer life. 4-Nos heat treated trunnion rollers with press-fitted shafts 4-wheeled friction drive by shaft mounted, imported High Efficient Helical Worm Gear Motors. Large Diameter 2 Thrust wheels to stop drum go downwards in operation due to inclination.



BUCKET ELEVATOR with SPRING TENSION CONTROL

Heavy-duty Bucket Elevator chain with teethed Top Wheel mounted on elevator top shaft to prevent any slippage in chain running under full load condition. Special Design of Sprocket Teeth Rim for easy replacement. Elevator Drive by a shaft mounted highly Efficient imported Gear-motor with Back-Stop control. The plain Foot wheel mounted at bottom shaft has two spring loaded chain tension setting screws.





POLLUTION CONTROL BAG-HOUSE

Coarse size (+75 micron) dust particles get separated in Pre-Separator device before bag-filter are the conveyed and feedback along with main stream of hot aggregates at bucket elevator inlet. Finer than 75 micron dust is collected in bag filter. Capsule Shaped Filter-Bags collect fines better than Round Shapes because of More Cleaning Area per Bag. Indexing Rotors on top of unit draws atmospheric air enter as reverse cleaning air. Bottom Screw conveyed drives-out all collected fine dust. A Large Capacity VFD drive motor drives a high capacity exhaust induced fan and save a power. An Emergency Ambient Cold Air injecting auto operated valve at bag-filter-entry is an Extra Safety Feature to filter bags in case of sudden temperature rise in Exhaust Gases. Filter-Bags are made from high temperature resistant (200°C) Aramid Fibres. Overall Filtration achieved is of 97% efficiency meet Government Pollution Control Board's standard Norms within 50 mcg/nm³.

BITUMEN STORAGE & DIRECT/INDIRECT HEATING SYSTEM

DIRECT/INDIRECT HEATING TYPE BITUMEN TANKS in our Standard Scope of Supply. 3-Pass Type Thermic Fluid Heater With Burner And Hot-Oil Circulating Pump and All Safety Valves. Hot Oil Heats Bitumen in Indirect Type Bitumen Tanks. Bitumen Pump and All Bitumen lines of Plant. Heavy duty, Positive displacement, Hot-Oil jacketed Bitumen Gear Pump with motor mounted on a skid. A Bitumen Filter in suction line protects Bitumen Pump from any Unwanted Metal Parts in Bitumen Flow. 20T/30T/50T capacities Direct/Indirect heating Bitumen Tanks also available at optional basis. 20T/30T/50T capacity PMB and CRMB storage tanks with agitators on top, available at an option.



CENTRALISED CONTROL CABIN

The Electrical Control and Command Of ALLTECH-POLITA's Asphalt Plant is handled by the Sophisticated Control System located inside a comfortable steel control cabin with Insulated Walls And Air-Conditioning. ALLTECH-POLITA's Automation System enables the control and management of all functions and production stages of the Asphalt Plant by automatically or manually. Through the User-Friendly Software, Personal Computer and Programmable Logic Control System. High Quality and Reliable Electric and Electronic Components use inside the control panel are available all around the world. The Plant Control System can be remotely accessed via Modem so whenever you require to functions the plant and also ALLTECH-POLITA's After-Sales Support Engineers analyzing the problem of the plant. The Plant Graphics on the Computer Screen are simple and all processes are easily controlled with one click of the mouse. The Instant Status of the plant, Operational Parameters and Alarm Messages can be visualized online on the monitor along with Several Reports Concerning the Parameters, Production and Consumption, which can be printed as well.



FILLER SILO

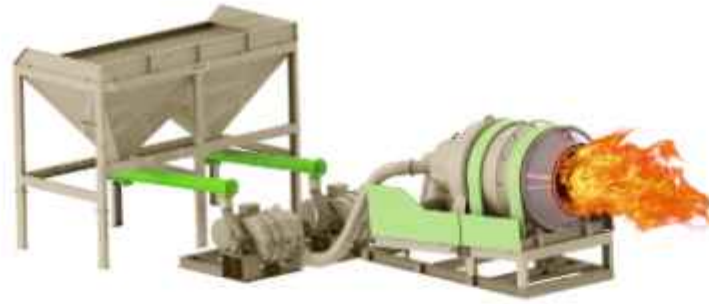
ALLTECH-POLITA's Asphalt Plants have optional Support of Foreign and Reclaim Filler Silos with 10T/20T/30T Capacity. All type of External Silos is coming with Specially Designed Specified Screw Conveyor.



SMART RETROFITTINGS:

COAL FIRE BURNER:

For Higher Asphalt Needs, Switch to 'ALLTECH' Make COAL FIRED BURNER which minimizes Fuel cost upto 35-40% so as to gain more profit.



RECLAIMED ASPHALT ADDITION:

ALLTECH offers a wide range of products and services in the area of recycling feed systems.

RECLAIMED ASPHALT COLD ADDITION (UPTO 30%):



Benefits:

- Environmentally Friendly Production
- Multiple Cost Savings
- Government Grants
- Easy Retrofitting's

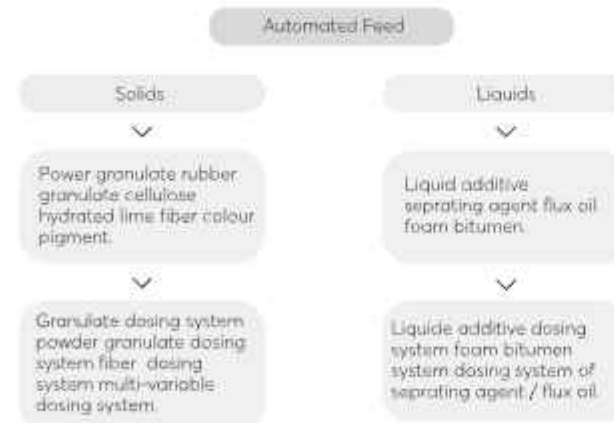
RECLAIMED ASPHALT HOT ADDITION



FIBRE DOSING SYSTEM / SMA:



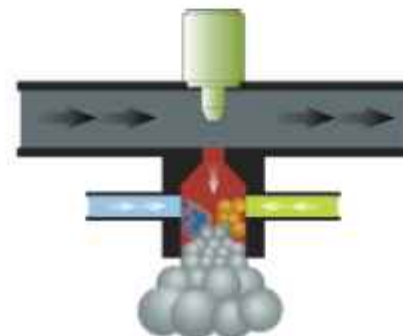
ADDITIVE FEED SYSTEMS



ECO FOAM SYSTEM:

Less Paving Temperature

- Expands Volume of Bitumen upto 15 times
- Less Emission of Blue Smoke
- Better Coating of Bitumen on Aggregates
- Globally Proven Technology.



SPECIFICATIONS

Alltech Asphalt Batch Mix Plants Technical Specifications:

PLANT MODEL			UNIBLACK 1000	UNIBLACK 1250	UNIBLACK 1500
Plant Cap. @ 3% Moisture content	TPH		80	100	120
Batch Size	Kg.		1000	1300	1500
Cycle Time	Sec.		45	45	45
SECTIONS					
Cold Feed Bins	No. Of Bins / Capacity	Nos./ M ³	4/7	4/7	4/8
Charging Conveyor	Capacity	TPH	100	120	120
Dryer Drum	Dryer (L x D)	Sq.Mtr	7.5 x 1.8	7.5 x 1.8	7.5 x 1.8
	Drive Type		4W Friction Drive		
Modulating Burner	Type		Modulating Multi Fuel		
	Fuel		Diesel / LDO / Furnace Oil		
	Capacity	MW/Hr.	10	10	14
Hot Elevator	Capacity	TPH	100	120	120
TOWER UNIT					
Screening Unit	Screening Method		Inclined Circular Vibration		
	No. Of Deck		2		
	Screening Capacity	TPH	120	120	140
Hot Aggregate Bin	No. Of Bins		4		
Weighing Unit	Aggregate Hopper Capacity	Kg.	1300	1300	1500
	Filler Hopper Capacity	Kg.	200	200	300
	Bitumen Hopper Capacity	Kg.	200	200	225
Mixer Unit	Type		Twin shaft		
	Mixer Capacity	Kg.	1000	1300	1500
Pollution Control Bag-House	Primary	Reverse Air Flow	Cascade Type Pre-Separator		
	Secondary		Bag-House Filter		
	Filter Area	Sq.Mtr	260	260	290
Control Panel	Type		Fully Computerised with Manual Over Ride		
ACCESSORIES					
Bitumen Tank	Capacity Range	MT	20 / 25 / 30 / 50		
	Type		Direct / Indirect		
Thermic Heater	Capacity Range	Kcal/Hr.	200000 / 300000 / 400000 / 500000		
Filler Silos	Capacity Range	Sq.Mtr	3 / 7 / 11 / 18 / 28		
Hot Mix Silo	Capacity Range	MT	25 - 200		

As per Alltech's policy of constant upgradation of products, specifications are subject to change without any prior notice.