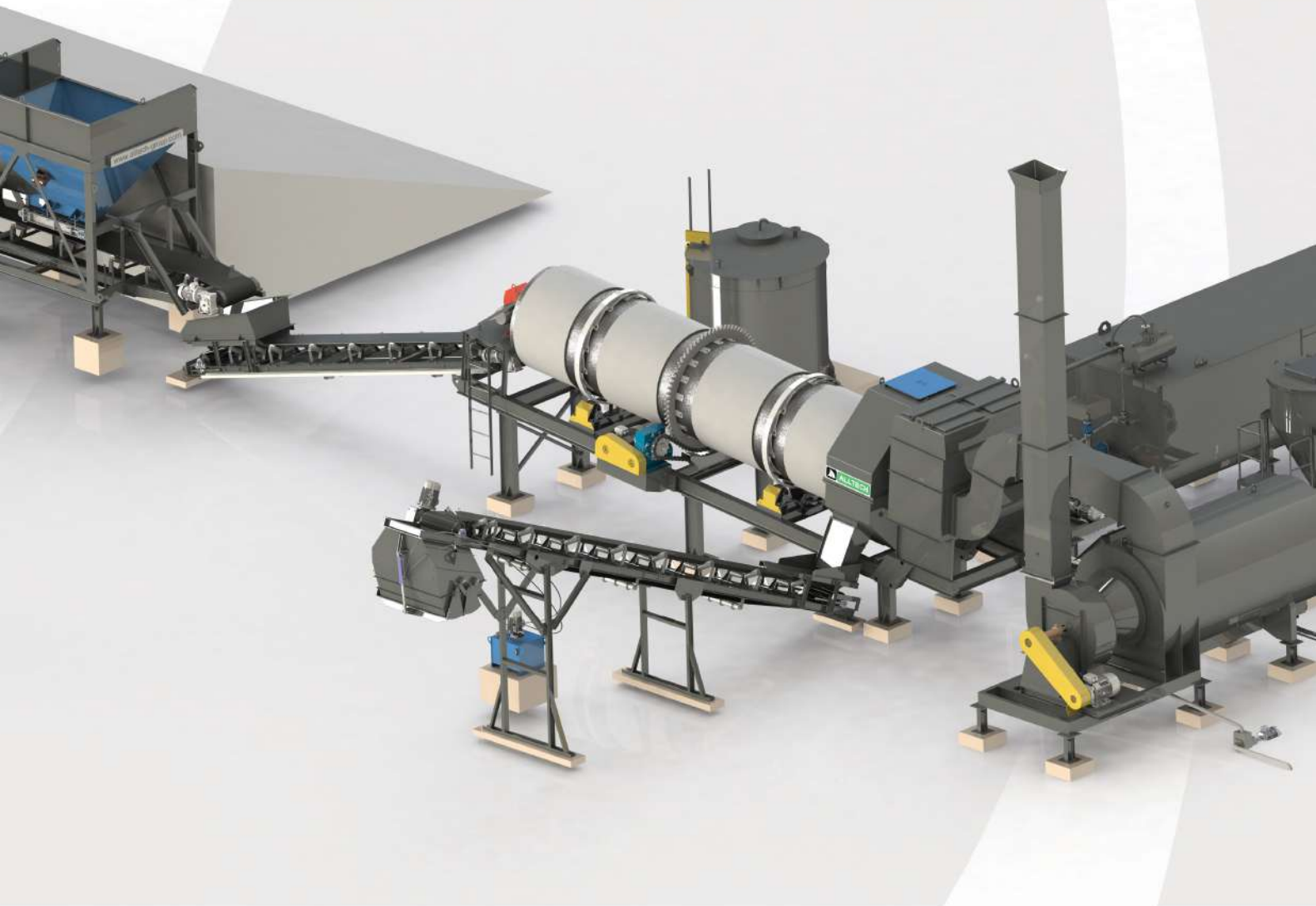




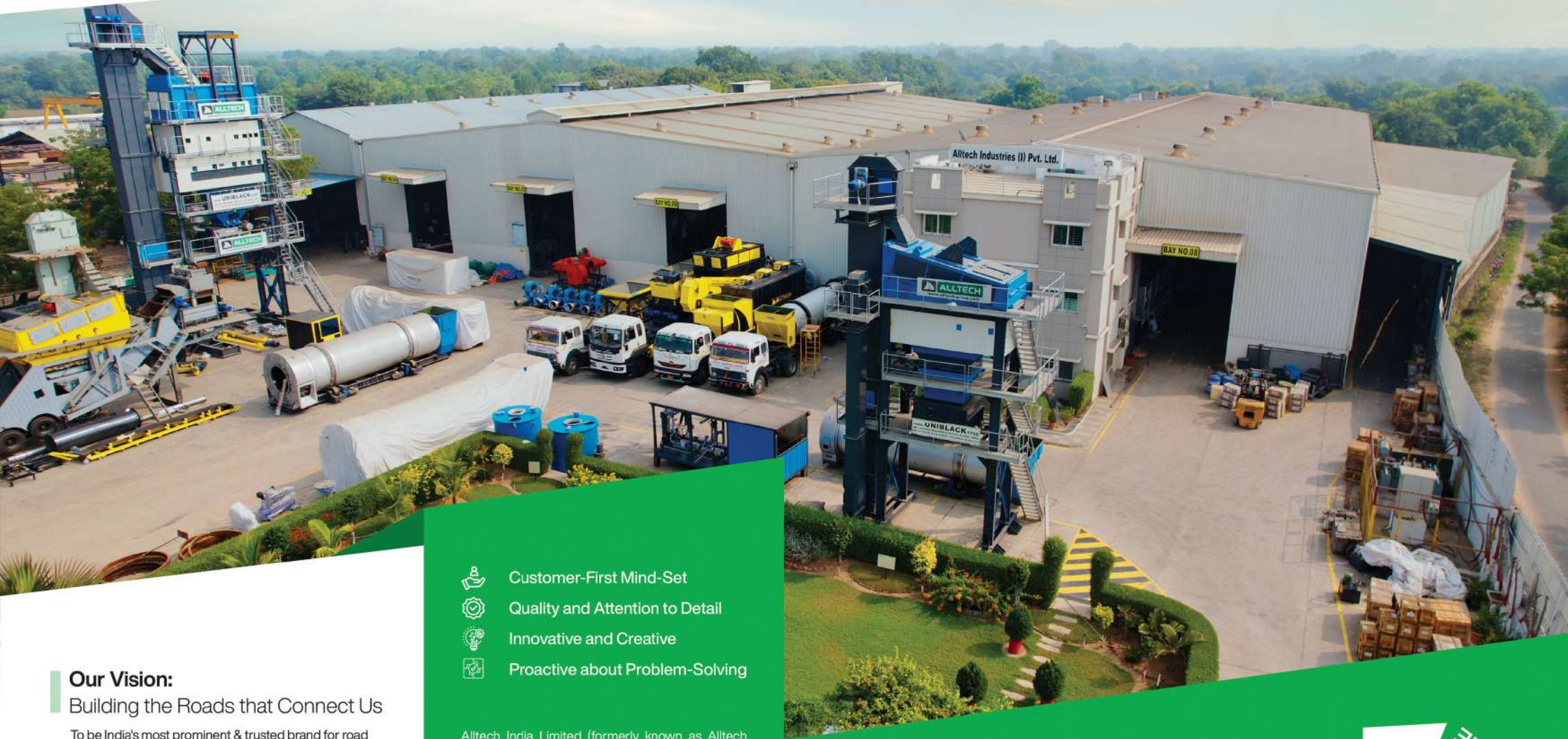
Continuous Mixing Plants

Drum Mix Plants (60 - 120 TPH)
Counter Flow Drum Mix Plants (60-120 TPH)



RUGGED | ROBUST | RELIABLE

www.alltech-group.com



Our Vision:

Building the Roads that Connect Us

To be India's most prominent & trusted brand for road construction & maintenance machinery

Our Mission:

100% Customer Satisfaction

Nation building by providing & developing new products for Road Construction & Maintenance.

-  Customer-First Mind-Set
-  Quality and Attention to Detail
-  Innovative and Creative
-  Proactive about Problem-Solving

Alltech India Limited (formerly known as Alltech Industries India Pvt. Ltd.) is a leading manufacturer of asphalt mixing plants, trusted for engineering excellence, fuel-efficient designs, and reliable performance across diverse road construction environments. With decades of experience and a customer-first approach, we deliver solutions that combine robust mechanical design, intelligent controls, and sustainable technology. Our portfolio ranges from high-efficiency drum mix plants to advanced batch mix systems, all built to maximise production uptime, minimise operating costs, and ensure consistent mix quality.

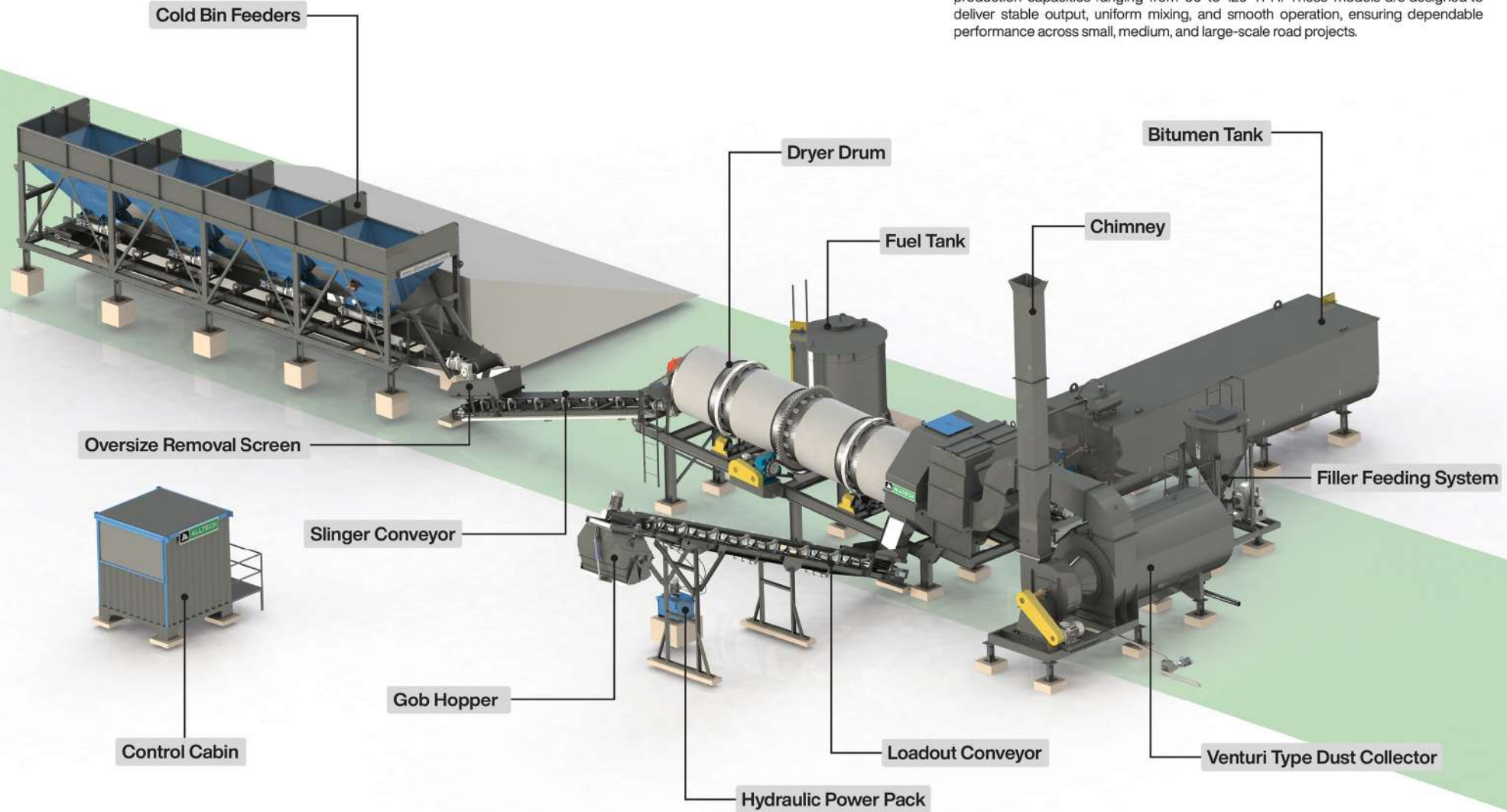
Innovation on Every Path,
Reliability in Every Journey.

17 YEARS
RUGGED | ROBUST | RELIABLE

Drum Mix Plant Layout

ADM 50/60

The ADM series is offered in three robust models— ADM-50 and ADM-60 with production capacities ranging from 60 to 120 TPH. These models are designed to deliver stable output, uniform mixing, and smooth operation, ensuring dependable performance across small, medium, and large-scale road projects.



Our plant layout is thoughtfully engineered to deliver operational ease and superior performance. Every module, from feeders to the drum, burner, and control cabin is arranged for optimal workflow, quick installation, and safe maintenance. The result is a plant footprint that enhances efficiency, reduces downtime, and keeps your production running at peak performance.

Drum Mix Plant ADM 50/60

Alltech's ADM series brings together robust engineering, field-proven components, and intelligent design to deliver dependable, efficient asphalt production. Each feature has been optimised to reduce operating cost, increase uptime, and ensure consistent mix quality, so contractors can rely on the plant for small patch jobs or continuous highway work.

ADM plants are fabricated with high-strength steels with precision welding. Structural members and rotating components are designed with service margins to withstand continuous, long-hour operation in harsh site environments.

High **Fuel Efficiency**

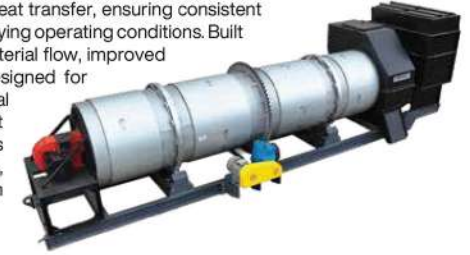
Optional **Insulated**
Dryer Drum

Robust
Quality



Drum Mix Plant ADM 50/60

Our dryer drums are engineered for efficient and uniform heat transfer, ensuring consistent aggregate heating and reliable asphalt production across varying operating conditions. Built with heavy-duty internal flights, the drum delivers stable material flow, improved thermal efficiency, and enhanced drying performance. Designed for long operational life, the drum assembly minimises thermal stress on critical components while maintaining consistent mix quality and dependable plant performance. For projects requiring enhanced thermal efficiency and reduced heat loss, insulated dryer drum configurations are available as an optional upgrade.



Bitumen Storage Tanks:



U-Shape Tank
(Direct Heating)

***(Optional) Cylindrical Tank**
(Direct/Indirect Heating)

Intelligent Control Panel:



Alltech Drum Mix Plants come equipped with a Microprocessor (FIT) Based Control Panel as standard, delivering dependable and precise control over every core function of the plant. The FIT controller provides stable performance with fast response cycles, ensuring accurate synchronization of overall production parameters. Its design makes it ideal for tough site conditions, offering reliable operation in varying climates. With clear status indicators, push-button controls, and system interlocks, the panel ensures safe, streamlined, and error-free plant operation.

For contractors seeking enhanced automation and better process visibility, Alltech offers HMI and PLC-SCADA systems as optional upgrades.

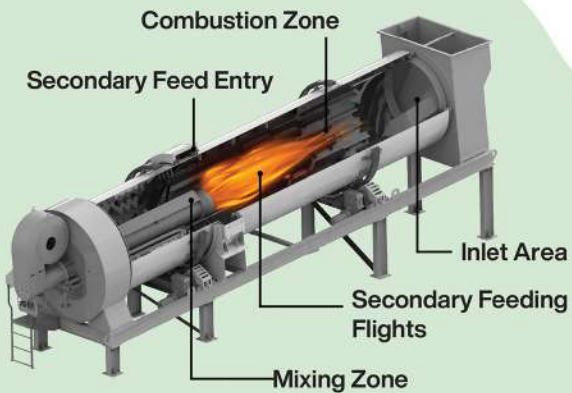
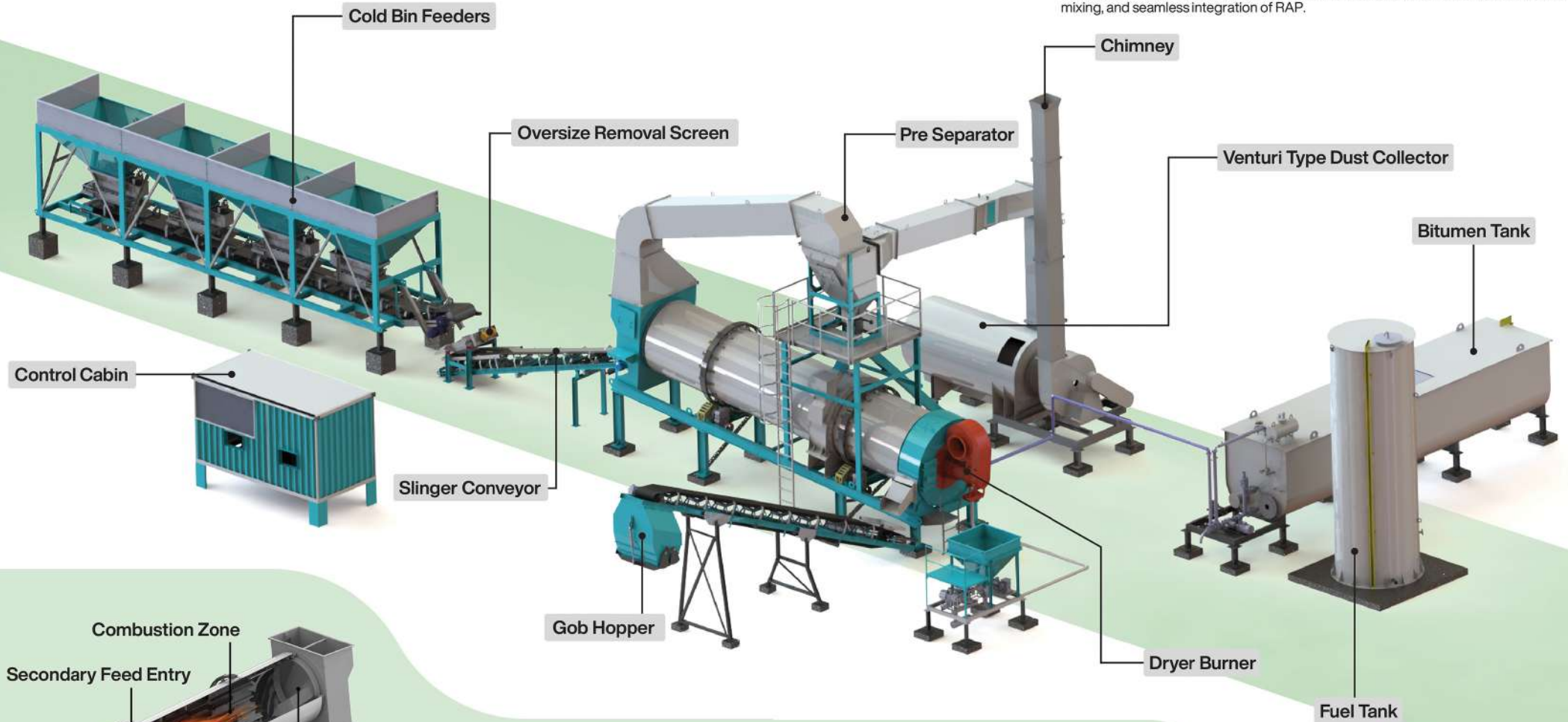
- The HMI option introduces an interface with parameter display, simplified operation, recipe management, and guided control screens for smoother workflow.
- The PLC-SCADA system provides advanced process visualisation, detailed production reports, trend analysis, data logging, and optional remote monitoring, making it ideal for high-capacity projects and clients requiring superior quality control and traceability.

Counter Flow Drum Mix Plant

Layout

CFD 90 / CFD 120

The CFD series is available in two high-performance models—CFD 90 and CFD 120—with production capacities ranging from 60 to 120 TPH. Engineered with a counterflow drum design, these plants ensure superior heat efficiency, consistent mixing, and seamless integration of RAP.



Counterflow Drying System

Aggregates enter through the inlet and move opposite to the hot gases, ensuring efficient heat transfer. The combustion zone generates controlled heat, while secondary feeding allows RAP without degradation. In the mixing zone, materials are uniformly blended to deliver a consistent, high-quality asphalt mix.

Counter Flow Drum Mix Plant

CFD 90/120

Experience the next generation of asphalt production with our Counter Flow Drum Mix Plant - engineered for efficiency, quality, and sustainability. Its innovative design separates the heating and mixing zones, ensuring a consistent and homogenous mix every time. Integrated RAP collar technology allows the addition of recycled materials and fillers behind the burner flame, boosting performance while cutting costs. With reduced fuel consumption and enhanced mix quality, this plant is the smart choice for Modern road construction.

RAP
Compatible

Fuel
Efficient Technology

Optional
Bag House
Integration

Long Nose Burner:



Alltech's Long Nose Burner is engineered to deliver superior heat transfer, improved combustion stability, and cleaner drum performance. The extended burner design creates a dedicated mixing zone behind the flame, ensuring that the flame front and aggregate-mixing area remain distinctly separated. This separation prevents direct flame contact with the aggregates, reducing the risk of overheating, blue smoke generation, and binder degradation. By keeping the mixing zone shielded from the intense core of the flame, the burner enables more controlled coating of aggregates, improved mix quality, and better control over final mix temperature. With precise air-fuel mixing and compatibility with multiple fuel types, the Long Nose Burner is an ideal choice for contractors seeking maximum efficiency, longevity, and high-performance asphalt production.

RAP Ring:



RAP Inlet

RAP Ring for the UNIBLACK CFD Series, is a specialised addition mounted on the drying drum, designed specifically to enable the smooth and efficient incorporation of Reclaimed Asphalt Pavement (RAP) into the production process.

This design ensures that RAP is added in a thermally controlled environment, preventing overheating, minimising binder oxidation, and preserving the aged bitumen present in the recycled asphalt. By creating a buffer zone between the high-temperature drying section and the mixing area, the RAP Ring allows the material to warm gradually and blend seamlessly with fresh aggregates.



Technical Specification:

Model	Drum Mix Plants		Counter Flow Drum Mix Plants	
	ADM 50	ADM 60	CFD 90	CFD 120
Rated Output at 3% Moisture Content	60-90 TPH	90-120 TPH	60-90 TPH	90-120 TPH
COLD AGGREGATE FEEDERS				
No. Of Bins	4			
Total Storage Capacity (Ton)	50MT (Total)			
Auxiliary Drive Motor	4 x 1.5 kW			
Gathering Drive Motor	3.7 kW			
Bin Vibratory Motor	0.18 kW			
Slinger Conveyor				
Drive Motor	3.7 kW			
Conveyor Belt	550 mm			
Thermo Drum				
Dryer Drum Unit	1.54 x 6.7 Meter	1.85 x 7.3 Meter	1.54 x 8 Meter	1.82 x 9 Meter
Drive Type	Chain Drive			Direct Drive
Drum Drive Motor	18.5 kW	30 kW	18.5 kW	4 x 7.5 kW
Burner Capacity	4.65 MW	7.95 MW		10 MW
Burner Type	Automatic Dual Stage / Modulating Burner (Optional)		Modulating Burner	
Load Out Conveyor With Gob Hopper				
Conveyor Drive Motor	5.5 kW	5.5 kW		
Gob Hopper Capacity	2.0 MT	2.0 MT		
Hydraulic Power Pack	2.2 kW		3.75 kW	
Pollution Control Unit (Wet Dust Collector)				
Exhaust Drive Motor	18.5 kW	30 kW	22 kW	37 kW
Exhaust Fan Capacity (m³/Hr.)	14500	18500	18000	26000
Mineral Filter Unit				
Hopper Capacity	1.0 m³			
Pressure Blower Motor	2.2 kW			
Control Panel	Microprocessor (FIT) Base		PLC - SCADA	
Bitumen Tank				
Bitumen Tank Capacity (U Shape)	20 MT		25 MT	
Heating System	Direct Heating			
Fuel (LDO) Tank				
Fuel Tank Capacity (Ltr.)	5000		12000	
Optional				
Fin-line Heater (Heavy Oil)	18.5 kW	18.5 kW		
Control System	(1 - PLC Control with HMI) & (2- PLC-SCADA)			-
Accessories				
Filler Silo Capacity Range (MT)	1.5 / 7 MT			
Bitumen Capacity Range (MT)	20 / 25 / 30/50 MT			
Heating System	Direct Heating/ In-Direct Heating			
Thermic Fluid Heater	300,000 to 500,000 kcal /hr			



Committed to Excellence Through Rugged, Robust & Reliable Solutions.



Asphalt Batch Mix Plant (80-320 TPH)



Counter Flow Drum Mix Plant (60-120 TPH)



Bitumen Drum Decanter (2-8 TPH)



Emulsion, CRMB, PMB Plants



Microsurfacing Machine



Bitumen Bag Decanter (4-6 TPH)



RDSO Steel Girders (Heavy Engineering)



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