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LEADERSHIP THAT DRIVES PROGRESS

At the helm of Alltech India Limited are four visionary leaders whose expertise, dedication, and forward-thinking leadership continue to shape the future of Indian road construction equipment manufacturing. Together, they have cultivated a culture of innovation with a commitment to quality, and customer satisfaction. With decades of collective experience in the industry, their strategic direction has not only strengthened Alltech's position as an emerging leader in the Indian Road construction equipment industry but has also elevated the company to the global stage.



RAKESH PATEL
CHAIRMAN

Rakesh Patel, Chairman & M.D. of Alltech India Limited has been the driving force behind the company's growth. With a strong belief in the power of relationships, he emphasizes building trust and collaboration with clients, partners, and employees. His leadership style is deep rooted in open communication and mutual respect, fostering long-term partnerships.



PARESH PATEL
MANAGING DIRECTOR

Paresh Patel, Director-Sales brings exceptional business acumen and strategic insight to the company. With a keen and deep understanding of market dynamics and customer needs, he has successfully driven sales and expanded Alltech's presence in both domestic and international markets.



JANAK PATEL
DIRECTOR- DESIGN & OPERATIONS

Janak Patel, the Director of Design and Operations, plays a pivotal role in driving innovation across the company. With a strong background in engineering and design, he leads the development of road construction equipment that meets the evolving needs of Indian road construction industry.



VEDANT PATEL

DIRECTOR

As a young and energetic leader, Vedant Patel, Director of Alltech India Limited, brings a fresh perspective to the company's growth. With his focus on innovation and modern methodologies, he is steering Alltech toward achieving greater success and adaptability in the ever-evolving road construction industry.



INNOVATION ON EVERY PATH, RELIABILITY IN EVERY JOURNEY.

At Alltech India Limited (formerly known as Alltech Industries India Pvt. Ltd.), every product is designed with innovation to deliver precision, performance, and sustainability. Our road construction equipment is engineered to meet the evolving needs of Indian infrastructure, ensuring reliable solutions for today and tomorrow. From batch mix plants to cutting-edge microsurfacing machines, we drive progress on every path, laying the foundation for a connected world.



WORLD LEADERS

in Bitumen Melting Solutions

MARKET LEADERS

In India for 200+ TPH Asphalt Batch Mix Plant Category

28+ ASPHALT PLANTS

Successfully commissioned with Coal Fire Burner

PIONEERS IN PRODUCTION OF

Coal Fire Burner in India

240 TPH Asphalt Batch Mix Plants

Microsurfacing Paver in India





ABOUT ALLTECH

Alltech India Limted (formerly known as Alltech Industries India Pvt. Ltd.) was established in 2009 in Mehsana, Gujarat, the heart of India's construction equipment industry. Over the years, we have positioned ourselves as an emerging leader in the road construction equipment industry. As the first Indian brand to indigenously manufacture microsurfacing machines and a pioneer in coal fire burner production in India, we are committed to creating equipment perfectly suited to the unique demands of the Indian construction industry.

Additionally, we lead the globe in bitumen decanting solutions, with over 750 installations worldwide. From our 100,000+ sgm manufacturing facility, our products-including asphalt batch mix plants, bitumen decanters and others—operate in over 30 countries. Our products are built to be rugged, robust, and reliable, meeting the highest standards of quality and performance. At Alltech, we don't just build machinery, we aim to craft equipment that powers progress.

2009 2011 2013 2015 2016

Alltech started Fabrication of Asphalt Plant Supplement Components.

Designed & Manufactured 1st Bitumen Drum Decanter Unit.

Designed & 1st Bitumen Bag Melting unit after success of Drum Decanter.

Started manufacturing Girders under Ministry of Railways as an RDSO approved vendor.

2018

Became World Leader in Bitumen Decanting unit with 250+ installations.

2017

2021

Became the 1st Indian

Manufacturer to produce

Microsurfacing machine

2020

Successfully Installed 1st 240 TPH plant for Delhi-Mumbai Expressway

Designed and

Flow Drum Mix plant

Manufactured 1st Counter

Successfully Installed 1st Batch Mix plant at Junagarh, Gujarat.

2022

Expressway

2023

2024

2025

much

Successfully commissioned 5 plants for Delhi-Katra

Launched 120 TPH Mobile Asphalt Batch mix plant at ExCon 2023 & launched 1st **Emulsion Plant**

and Launched PMB/ CRMB plants.

Successfully Developed Alltech Industries India Pvt. Ltd. officially becomes Alltech India Limited following its conversion to a public limited company.

achieve



WE'VE INCREASED OUR GLOBAL REACH!

Alltech India Limited has solidified its global footprint, with a presence across more than 30 countries spanning regions in the Middle East, Africa, Southeast Asia, and South America. Our ability to adapt to diverse market needs has earned us the trust and confidence of our international partners. Our journey of success is highlighted by 750+ installations worldwide, showcasing our unwavering commitment to quality and precision.

Among these achievements, we have successfully installed over 175 asphalt plants, further solidifying our leadership in the industry. Additionally, our involvement in large-scale infrastructure projects—including Delhi-Amritsar-Katra & Delhi-Mumbai Expressway Projects & Greenfield Expressway development projects.



OUR PARTNERS IN PROGRESS

OUR PRESTIGIOUS CLIENTS



30+

COUNTRIES TRUST US FOR CONSTRUCTION EQUIPMENT NEEDS



PRODUCTS SUCCESSFULLY INSTALLED GLOBALLY



ASPHALT BATCH MIX PLANT INSTALLATIONS WORLDWIDE



VALUED CLIENTS WORLDWIDE

WE'VE GONE INTERNATIONAL

Al Naboodah	[/\]	aung pyltan	BIS	BITUMEN TRADING	الية بية وسيل BITUSEAL	DAMAS Comes United Hermitianal Co. Ltd.	GATTANI
GOLDEN OR MILLS LIMITED	Sewarda Nam Harizena	HARO	ADD GIB Engineers & Builders		NANC	READYMIX CONCRETE	
SCG	troutbeck bitumen	Bihasad Candruffan Campany	₩ WIRTGEN		and more		

7 ww

Committed to Excellence through Robust Rugged & Reliable Solutions

99

ROBUS

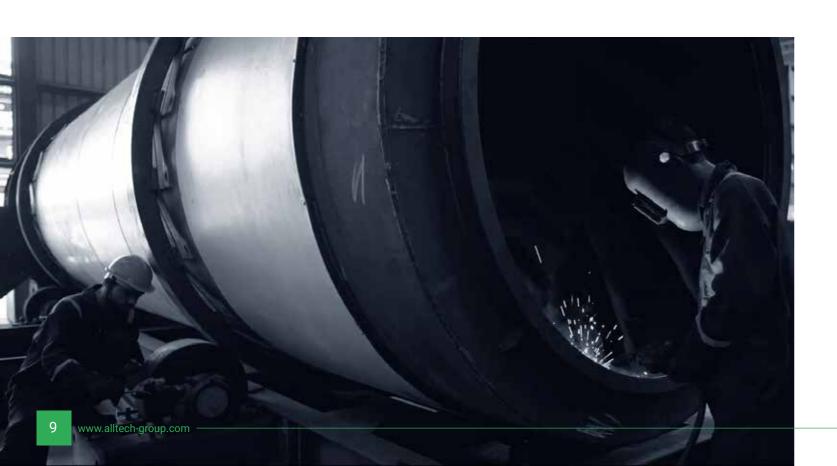
At Alltech, our equipment stands out for its robust construction, meticulously engineered to thrive in even the most challenging environments. We focus on strength and durability, ensuring that each piece of machinery can handle the toughest conditions and deliver consistent performance. Our robust solutions are designed to support your road construction/maintenance projects through every challenge, providing reliability you can depend on.

UGGE

The rugged design of our road construction equipment is a testament to its ability to endure heavy-duty use. Built with high grade materials, our machinery is equipped to tackle the most strenuous tasks with ease. This rugged design of our machinery aims to enhances the longevity of our products but also ensures that they can withstand the roughest job sites, making them a dependable choice for any project.

ELIABLE

Reliability is the cornerstone of Alltech India Limited's commitment to excellence. Our equipment is engineered to offer consistent and dependable performance, allowing our clients to execute their projects with confidence. We rigorously test our machinery to meet the highest standards of quality, ensuring that it performs reliably in all conditions. With Alltech, you gain a trusted partner in road construction, where reliability is guaranteed, and your project's success is our priority.





OUR MANUFACTURING FACILITY

WHERE WE CRAFT PRECISION

500+ EMPLOYEES

Located in Mehsana, Gujarat, our manufacturing facility spans over 1,00,000 square meters and serves as the core of our operations. Our Manufacturing Facility is dedicated to producing a diverse range of road and civil construction machinery, including asphalt plants, road maintenance equipment, bitumen solutions, and specialized retrofits.

Equipped with sophisticated machinery our facility upholds the highest standards of quality and performance. Our skilled team of engineers and technicians meticulously crafts each product, ensuring the highest quality throughout the production process.

In addition, our facility is a recognized vendor of the Railway Design and Standards Organization (RDSO). Our dedication to precision and quality ensures that each structure meets the stringent standards set by the RDSO, solidifying our reputation as a trusted provider in the railway sector.

1,00,000+ SQ.M. MANUFACTURING FACILITY



AUTHOR
IQBAL KHAN
MANAGER- PRODUCTION



Our manufacturing facility is committed to producing high-quality equipment that meets the evolving demands of road construction in India and globally, fueling the 'Make in India' initiative with pride.



EFFICIENCY, PRECISION & QUALITY

OUR GUARANTEE TO OUALITY

At Alltech, our commitment to manufacturing excellence is evident through our adoption of the **5S methodology** and the use of sophisticated testing and quality control systems. Our factory embodies the highest standards of organization, safety, and efficiency, ensuring that every product we deliver is built to perform reliably, even in the most demanding conditions.

To maintain the highest level of quality, we rigorously test every piece of equipment before it leaves our facility. From material strength and durability testing to performance simulations under real-world conditions, our products undergo a range of tests to ensure compliance with international quality standards.

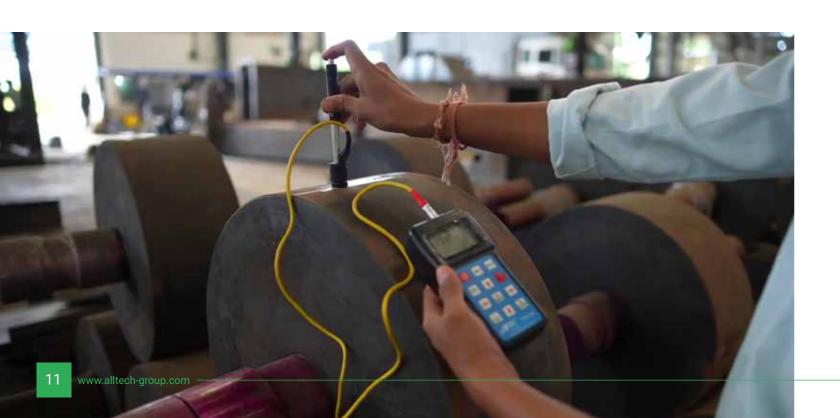
At Alltech, our unwavering commitment to quality is demonstrated by our adherence to ISO standards, reflecting our dedication to excellence in every process. As an ISO 9001 certified company, we ensure robust quality management systems that consistently deliver superior products and services.



ISO 9001

Additionally, our ISO 14001 certification highlights our focus on environmental responsibility, ensuring sustainable practices across our operations. These certifications underscore our promise to uphold the highest standards of quality and sustainability, creating value for our customers and contributing to a greener future.

At Alltech, we prioritize precision and durability through our testing processes. Our testing procedures ensure that every component, raw material and product meets stringent quality benchmarks. From material analysis to performance evaluations, our sophisticated testing protocols leave no room for compromise. This approach guarantees robust, reliable, and high-performing equipment that stands the test of time, reinforcing our commitment to delivering excellence in road construction solutions.



5 VERTICALS OF RELIABILITY

ENGINEERING EXCELLENCE & INNOVATION



"Classic" Series | (80-140 TPH)
"Premium" Series | (160-180 TPH)
"Global" Series | (200-320 TPH)

Counter Flow Drum Mix Plant

Mobile Batch Mix Plant (120-240 TPH)

Drum Mix Plants

VERTICAL 2 ROAD MAINTENANCE EOUIPMENTS

Microsurfacing Paver
Pothole Repair Machine
Crack Sealing Machine
Chip Spreader
Road Wideners

VERTICAL 3 MODIFIED BITUMEN & MELTING SOLUTIONS

Bitumen Decanters - Containerized
Bitumen Bag Melters
Bitumen Tanks - Direct & Indirect Heating
Emulsion Plants

Bitumen Decanters - Stationery

VERTICAL 4 RAILWAY STRUCTURES

Composite Steel Girders
Open Web Girders
Bow String Girders
Foot Over Bridges

PMB/CRMB Plants

VERTICAL 5 *AFTER SALES*

Parts Retrofits 0&M



UNIBLACK "CLASSIC SERIES" 80-140 TPH

The Classic Series exemplify engineering prowess, offering exceptional performance and efficiency with capacities from 80 to 140 TPH. These plants are designed for precision and reliability. The Classic Series meets even the most demanding requirements with ease.

RUGGED DESIGN
Proven design ensuring reliability in prolonged usage



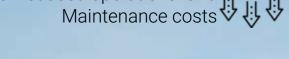
RETROFITTING

Option of integrating RAC, SMA, Wood

Fire Heater & more



With reduced operational and Maintenance costs



100+ INSTALLATIONS Worldwide within 5 years





MANISH SHAH REGIONAL MANAGER (WEST)

UNIBLACK Classic Series is strategically designed for diverse project needs, offering superior-grade mix quality, reduced maintenance costs, and exceptional





















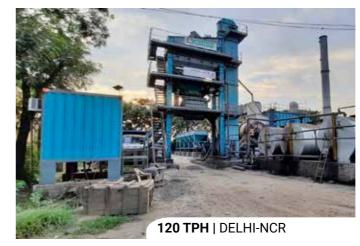
















UNIBLACK "PREMIUM SERIES" 160-180 TPH

The UNIBLACK Premium Series stands as a testament to robust engineering, offering a perfect blend of innovation, durability, and reliability. Designed to deliver exceptional performance, these plants embody the robustness and efficiency required for demanding road construction projects.

RUGGED DESIGNProven design ensuring reliability in prolonged usage



RETROFITTING
Option of integrating RAC, RAH
SMA, Wood Fire Heater & more



MAXIMIZED SAVINGS **
With reduced operational and maintenance costs



The UNIBLACK "Premium Series" plants are engineered to endure the most demanding site conditions, offering unparalleled performance and durability. With the capability to incorporate upto 50% RAP material (Recyled Asphalt Pavement), these plants redefine sustainability while significantly reducing material costs. Additionally, with the integration of a coal fire burner for aggregate heating and an organic heater for bitumen heating ensures maximum project cost savings, making it a preferred choice for road construction contractors.

Equipped with rugged components and high-grade wear parts, the Uniblack Premium Series guarantees optimum reliability and extended service life, delivering unmatched value for large-scale infrastructure proj-



Scan this QR to know more about JNIBLACK 2000, maximising profitability with coal fire burner and organic heater



JANAK OJHA REGIONAL MANAGER (EAST) Our UNIBLACK Premium Series Asphalt Plants are designed to lower production and maintenance costs while delivering reliable performance. With options to add up to 50% RAP and further reduce production costs through coal burner and organic heater, it becomes a prominent choice for road construction projects.











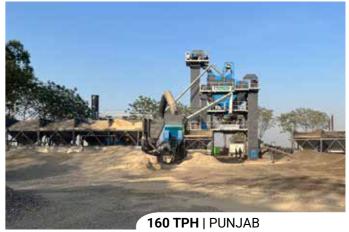


























UNIBLACK "GLOBAL SERIES"

240-320 TPH -

The Global Series is engineered to provide exceptional performance and unmatched reliability, making it the ideal choice for large-scale road construction projects. Designed to handle high-capacity demands with ease, this series ensures consistent output, durability, and efficiency even in the most challenging conditions. With cutting-edge technology and robust construction, the Global Series sets new benchmarks in delivering long-lasting and dependable solutions for infrastructure development.

MARKET LEADERS

For 200+ TPH Asphalt Batch Mix Plant Category in India

MAXIMISED PROFITS

With Coal Fire Burner & Organic Heater for Bitumen Heating

RUGGED DESIGN
Proven design ensuring reliability in prolonged usage



RETROFITTING

Option of integrating RAC, RAH, SMA, Wood Fire Heater & more

We take pride in being market leaders in the 200 TPH+ Asphalt Batch Mix Plant category. With 6 UNIBLACK 3000 - 240 TPH Asphalt Batch Mix Plants - installed on the Delhi-Mumbai Expressway and 5 UNIBLACK 3000 on the Delhi-Katra

Expressway, we are set to drive progress on major national projects.





SHIVAJI PANDEY

REGIONAL MANAGER-(NORTH)

Expressway with coal fire burner.



240 TPH | LUDHIANA, PUNJAB







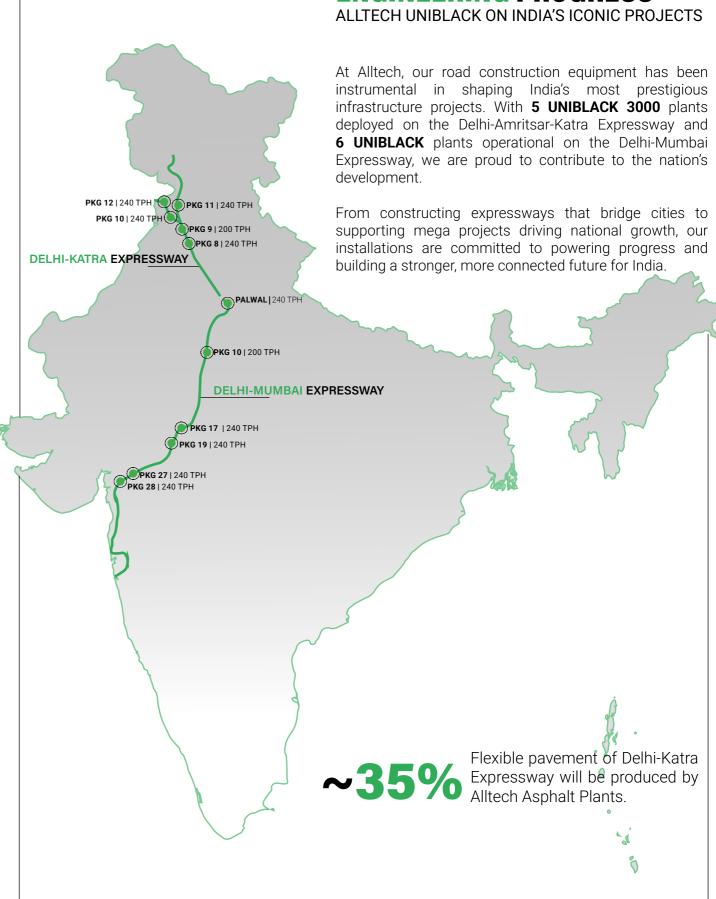








ENGINEERING PROGRESS



^{*} Map not to scale and is subject to variations. Locations indicated are for representational purposes only, actual locations may vary



TECHNICAL SPECIFICATIONS

PLANT MODEL			UNIBLACK 1000	UNIBLACK 1250	UNIBLACK 1500	UNIBLACK 1750	UNIBLACK 2000	UNIBLACK 2250	UNIBLACK 3000
Plant Capacity @ 3% I	Moisture content	TPH	80 TPH	100 TPH	120 TPH	140 TPH	160 TPH	180 TPH	240 TPH
Batch Size	Kg 1000 Kg 1250 Kg		1500 Kg	1750 Kg	2000 Kg	2250 Kg	3000 Kg		
Cycle Time sec 45 seconds				45 se	econds				
FEEDING & DRYING	SYSTEM	,							
Cold Bin Feeders	No. of Bins & Capacity	Nos x m ³	4 :	< 7	4 x 7.5	4 x 7.5	4 x 8.5	5 x 12	5 x 15
Charging Conveyor	Capacity	TPH	100 TPH	120 TPH	140 TPH	160 TPH	180 TPH	200 TPH	260 TPH
Day can Day can	Dimensions (L x D)	m	7.0 x	1.8 m	7.5 x 1.8 m	7.5 x 1.8 m	8 x 2 m	8.5 x 2 m	9.0 x 2.3 m
Dryer Drum	Drive Type		Direct	Driven 4 Wheel Frictio	n Drive		Direct Driven 4 W	/heel Friction Drive	
	Туре		UNIFLAM	E, Multi-Fuel Modulati	ng Burner		Multi-Fuel Mo	dulating Burner	
Modulating Burner	Fuel		Liquid: LDO/F0	D/LSHS/LSFO Gas: I	.PG/PNG/CNG	Lic	juid: LDO/FO/LSHS/LSFO Ga	s: LPG/PNG/CNG Optional - C	Coal
	Output	MW/Hr.	10 M	W/Hr	12 MW/Hr.	12 MW	14 MW	14 MW	18 MW
BATCH MIX TOWER									
Hot Elevator	Max. Capacity	TPH	100 TPH	120 TPH	140 TPH	160 TPH	180 TPH	200 TPH	260 TPH
Screening Unit	Method		li .	Inclined Cicular Vibration			Angular Linear Vibration		
Hot Aggregate Bins	No. of Bins	nos.		4		4	4	5	5+
	Aggregate Hopper Capacity	Kg	15	00	2000	2000	2300	3000	3500
Weighing Units	Filler Hopper Capacity	Kg	20	00	250	250	250	300	350
	Bitumen Hopper Capacity	Kg	20	00	250	250	250	300	350
Mixer Unit	Туре		Twin Shaft Di	rect Driven Synchroni:	zed Mixer Unit		Twin Shaft Direct Driven	Synchronized Mixer Unit	
	Primary		Cas	scade Type Pre-separa	ator		Cascade Type Pre-separator		
Pollution Control Bag House Unit	Secondary		ŀ	High Quality Bag Filter	S		High Quality Bag Filters		
	Cleaning Mechanism		Rever	se Air Cleaning Mech	anism		Reverse Air Cleaning Mechanism		
Control Panel			PLC Based, Fully	Computerized with N	Manual Over Ride		PLC Based, Fully Compute	rized with Manual Over Ride	
ACCESSORIES									
Pitumon Tonk	Capacity	MT	30 MT & 50	MT 44 MT (Cuboida	I for Export)		30 MT & 50 MT 44 M	T (Cuboidal for Export)	
Bitumen Tank	Туре			Direct/Indirect Heating			Direct/Indi	rect Heating	
Thermic Heater	Туре		Liquid/Org	janic Heater of require	ed capacity		Liquid/Organic Heate	er of required capacity	
Filler Silo	Capacity	m³		1 7 10 m³		1 7 10 m ³		7 10 15 20	
Hot Mix Silo	Capacity	MT		40 80 120		40 8	0 120 50 100 150		00 150

^{*}Output is based on standard ideal conditions.

www.alltech-group.com

^{**}Technical specifications are subject to change due to continuous improvements.



MOBILE ASPHALT PLANTS

FULLY MOBILE BATCH MIX PLANT

The Alltech Uniroad series Mobile Asphalt Batch Mix Plant is engineered for versatility and efficiency, making it the ideal solution for road maintenance projects and small to medium-scale construction. With a capacity of 120 to 240 TPH, this plant combines cutting-edge technology with mobility, allowing for quick setup and easy relocation to various job sites. Its compact design ensures that it occupies minimal space which makes it a smart choice for road maintenance projects.

The plant is compatible for adding upto 30% Reclaimed Asphalt Pavement (RAP). With Alltech's commitment to reliability and ruggedness, the Uniroad series mobile asphalt batch mix plant is a trusted machine for projects that demand quality, efficiency, and flexibility in asphalt production.

120-240 TPH CAPACITY

LESS THEN **7 DAYS**ERECTION &
COMMISSIONING TIME

UPTO **30%** COLD RAP ADDITION



KEY MOBILITY UNITS

SET UP ANYTIME, ANYWHERE

MOBILE COLD BIN FEEDER

Road towable cold aggregate bin features inbuilt conveyors offering precise control over the feed rates. Built with a robust chassis for smooth shifting and quick setup.

MOBILE BAG HOUSE UNIT

Elevate dust control with a pre-separator and high quality bag filters with Uniroad. Integrated with a VFD for reduced DG fuel consumption.

MOBILE DRYER DRUM

Insulated and galvanium clad thermo drum offers unmatched thermal efficiency while the integrated modulating burner offers optimal fuel efficiency.

MOBILE BATCH MIX TOWER

Road towable batch mixing tower requiring minimal foundation, and equipped with on-board elevator and self lifting mechanism.

LIFT **EFFORTLESSLY!**

Uniroad features a self-lifting system for its batch mix tower, designed for rapid deployment and operational efficiency. This system utilizes an inbuilt hydraulic power pack to lift the tower within **10 minutes**, significantly reducing setup time and allowing for quick mobilization.















TECHNICAL SPECIFICATIONS

PLANT MODEL			UNIROAD 1500
Plant Capacity @ 3% Moisture	content	TPH	120 TPH
Batch Size			1500 Kg
Cycle Time		sec	45 seconds
SECTIONS			
Cold Bin Feeders	No. of Bins & Capacity	Nos x m³	4 x 7.5
Charging Conveyor	Capacity	TPH	140 TPH
Day on Day on	Dimensions (L x D)	m	8 m x 1.8 m
Dryer Drum	Drive Type		4 Wheel Direct Driven Friction Drive
	Туре		Multi Fuel Modulating Burner
Modulating Burner	Fuel		Liquid: LDO/FO/LSHS Gas: LPG/PNG/CNG
	Output	MW/Hr.	10 MW
Hot Elevator Capacity		TPH	140 TPH
BATCH MIX TOWER			
Screening Unit	Method		2 Deck Inclinced Vibrating Screen
Hot Aggregate Bins	No. of Bins	nos.	4
	Aggregate Hopper Capacity	Kg	2000
Weighing Units	Filler Hopper Capacity	Kg	250
	Bitumen Hopper Capacity	Kg	250
Mixer Unit	Туре		Twin Shaft Direct Driven Synchronized Mixer
	Primary		Cascade type pre-separator
Pollution Control Bag House Unit	Secondary		Bag Filters
O'III	Cleaning Mechanism		Reverse Air Flow
Operating System			CYBERMIX™1.2
ACCESSORIES			
Bitumen Tank	Capacity	MT	30 MT 50 MT
Fuel Tank	Capacity	kL	18 20 25 kL

^{*}Output is based on standard ideal conditions.

**Technical specifications are subject to change due to continuous improvements.





We are proud to launch our Mobile Asphalt Batch Mix Plant and successfully install the first unit in Myanmar. With the ability to use up to 30% RAP material and reduced setup time, it ensures strategic plant relocation to minimize transportation costs

COUNTERFLOW DRUM MIX PLANT

CFD 60-90 & CFD 90-120

Alltech proudly presents Counter Flow Drum Mix Plant, designed to revolutionize asphalt production with enhanced efficiency and environmental responsibility. Featuring a counter flow drum, this plant optimizes fuel consumption, making it a cost-effective solution for modern infrastructure projects.

Equipped to integrate Reclaimed Asphalt Pavement (RAP), it supports eco-friendly construction practices while adhering to stringent pollution norms with an option of integrating bag-house filter.

BAGHOUSE FILTER

TO COMPLY WITH STRINGENT EMISSION NORMS











TECHNICAL SPECIFICATIONS

PLANT MODEL		CFD 60-90	CFD 90-120		
Plant Capacity @ 3% Moisture content		TPH	90 TPH	120 TPH	
SECTIONS					
Cold Bin Feeders	No. of Bins & Capacity	Nos x m³	4 x 8 m³	4 x 8.5 m³	
Gathering Conveyor Belt & Drive	Width (mm) x kW		550 x 3.75 kW	600 x 3.75 kW	
	Dimensions (L x D)	m	7.5 X 1.6	8.5 x 1.8	
Dryer Drum	Drive Type		Chain Drive	Direct Drive	
	Drive	no. x kW	4 x 7.5 kW	4 x 8.5 kW	
Durner	Туре		Long Nose - High & Low	Long Nose- Modulating	
Burner	Output	MW/Hr.	10 MW	12 MW	
Pollution Control Bag House Unit	Туре		Venturi Bagho	ouse (Optional)	
Control Panel			PLC- SCADA Based		
ACCESSORIES					
Ditumon Tonk	Capacity	MT	30 50 MT		
Bitumen Tank	Туре		Direct Indirect		
Thermic Heater	Capacity	KCal/Hr.	As per red	quirement	

^{*}Technical specifications are subject to change due to continuous improvements.



MICROSURFACING PAVER

UNISURFACE 8000 & UNISURFACE 12000

Microsurfacing is a of mixture of modified bitumen emulsion, well graded mineral aggregate, water, filler and additive, proportioned, mixed and uniformly spread over a properly prepared surface. The laid microsurfacing has a homogeneous mat, adheres firmly to the prepared surface and provides friction resistant surface texture throughout its service life.

The mix is a quick setting system i.e. it is able to receive traffic after a short period of time preferably within about one hour of its laying depending upon weather conditions.

PROPERTY	TYPE-II	TYPE-III
Layer Thickness	4-6 mm	6-8 mm
Application	(<1500 CVPD)	(>1500 CVPD)
Slurry Quantity	8.4 too 10.8 Kg/sq.m.	11.1 to 16.3 kg/sq.m.
Residual Binder Content	6.5 to 10.5 % (by weight of dry aggregate)	5.5 to 10.5 % (by weight of dry aggregate)

^{*}as per IRC:SP:81-2008

14+ MACHINES

COMMISSIONED IN LESS THAN 5 YEARS

40 Mn+ sqm AREA OF INDIA'S ROAD SURFACE REVITALIZED

REAL-TIME

REPORTS WITH REMOTE MONITORING FEATURE

ADVANCED

CONTROLS FOR ENHANCED PRECISION



ROAD SURFACES REVITALIZED

WITH UNISURFACE

With over 40 Mn sq.m. of India's road surfaces revitalized, Alltech's Microsurfacing Paver has proven to be a reliable and efficient solution for extending the life of pavements. Microsurfacing ensures smoother, safer roads while minimizing traffic disruptions during maintenance. From national highways to city roads, Alltech's Microsurfacing Paver delivers consistent performance, helping to enhance road durability and reduce long-term maintenance costs across the country.















REVITALIZE ROAD SURFACES WITH

STEEL SLAG BASED "TERASURFACING" TECHNOLOGY

At, Hazira Port Road, Surat, Gujarat

Alltech proudly collaborated with CSIR-CRRI as a machinery partner for a microsurfacing project at Hazira Port, utilizing steel slag aggregates instead of conventional aggregates. This innovative technique involves applying a 6-8 mm thick microsurfacing layer, which significantly enhances road resistance and provides robust protection against future damages.

By integrating steel slag aggregates, this approach not only ensures effective preventive maintenance but also represents a major step forward in sustainable road construction, reducing reliance on natural resources and promoting the reuse of industrial by-products. Alltech remains committed to delivering cutting-edge solutions that blend performance with sustainability.





MICROSURFACING SOLUTIONS

UNISURFACE 8000 & UNISURFACE 12000

Alltech offers two high-performance microsurfacing pavers, **UNISURFACE 8000** and **UNISURFACE 12000**, designed to meet diverse project requirements. Each model is built with precision to deliver consistent results, helping to extend the life of paved surfaces and reduce long-term maintenance costs.



TECHNICAL SPECIFICATIONS

MODEL		UNISURFACE 8000	UNISURFACE 12000
Aggregate Hopper Capacity (Without Heap)	m³	8 m³	12 m³
Aggregate Hopper Capacity (With Heap)	m³	9.6 m³	15 m³
Emulsion Tank Capacity	Liters	2500 L	4000 L
Water Tank Capacity	Liters	3000 L	5000 L
Fiber Hopper		As Standard	
Cement Hopper Capacity	Kg	600 Kg	600 Kg
Additive Tenly Conscity	Туре	Pressurized Tank- Stainless Steel	
Additive Tank Capacity	Liters	300 L	500 L
Screed Type	Туре	Hydro-statically Expandable Screed	
Discharge Gate	Туре	Pneumatically operated, triple gate system	
Mixer	Туре	Twin shaft system with slope compensation	
Operating System		UNIPROSYS OS	





Alltech is proud to be the first manufacturer to produce Microsurfacing pavers indigenously. This preventive maintenance technique utilizes cold mix technology, contributing to a greener tomorrow in road maintenance industry.

BITUMEN DRUM DECANTERS & BAG MELTERS

BITUMEN MELTING SOLUTIONS

Alltech is proud to be the world leader in bitumen melting solutions, with over 500 installations globally. Our range includes Bitumen Drum Decanters and Bag Melters, with capacity upto 8 TPH. Designed to enhance efficiency with less than 100 gram residual bitumen in bitumen drum.

Its robust and rugged design requiring minimal foundation and featuring an efficient heating system facilitate quick melting and transfer, minimizing downtime and maximizing productivity.

With Alltech's bitumen melting solutions, you can count on consistent quality, reduced waste, and enhanced operational efficiency, reinforcing our position as the preferred choice in modern road construction.

LEADERS

IN BITUMEN MELTING **SOLUTIONS**

> **500+ INSTALLATIONS** WORLDWIDE

UPTO 8 TPH MAXIMUM CAPACITY









ALLTECH













TECHNICAL SPECIFICATIONS

STATIONARY TYPE						
MODEL		LEO	AQUARIUS	CAPRICORN	SCORPIO	
Melting/Production Capacity	MT/Hr.	4-5	5-6	6-7	7-8	
Reservoir Capacity	MT	9 MT	13 MT	13 MT	14 MT	
Thermic Heater Capacity	kCal/Hr.	400,000	500,000	500,000	600,000	
Total Electric Power	kW	20	20	25	28	

CONTAINERIZED SIZE					
MODEL		TAURUS	SAGITTARIUS		
Melting/Production Capacity	MT/Hr.	2-4	4-5		
Reservoir Capacity	MT	8 MT	11 MT		
Thermic Heater Capacity	kCal/Hr.	300,000	500,000		
Total Electric Power	kW	16	25		



We take pride in being the world leaders in bitumen melting equipment with over 500 installations worldwide and are committed to deliver solutions that meet the evolving demands of the industry.

BITUMEN EMULSION PLANTS

EMULTEC 10

At Alltech, our Emulsion Plants are engineered to deliver highperformanceandcost-effective solutions for producing a variety of emulsions for road construction applications. Equipped with advanced production technology, these plants can seamlessly produce variety emulsion recipes. With user-friendly controls, the plants are designed to minimize the learning curve for operators, ensuring smooth and efficient plant operations.

Our Emulsion Plants are built with superior components such as the high precision Colloidal Mill, and Coriolis Electomagnetic Flow Meters, which ensure precise flow measurement and optimal dosage control.

CONTAINERIZED

- DESIGN FOR EASY INSTALLATION & SHIFTING

MINIMAL

FOUNDATION REQUIRED

40 TPHMAXIMUM CAPACITY













TECHNICAL SPECIFICATIONS

MODEL		"EMULTEC" Series
Plant Capacity	TPH	7 - 40 TPH
SECTIONS		
Mill	Туре	Superior Grade Colloidal Mill
Flow Meters	Туре	Electromagnetic Mass Flow Meter
Process Control	Туре	PLC - SCADA
ADDITIONAL COMPONENTS		
Soap & Solvent Tanks	Liters	As per requirement
Thermic Oil Heater (Skid Mounted)		As per Requirement
Diturnan Tanka	Туре	Indirect
Bitumen Tanks	MT	30 /50 MT
Emulsion Tank	kL	30 kL
Water Tank with heating arrangement	kL	10 kL



Engineered with precision and built using the finest quality components, our Emulsion Plants are dedicated to producing superior quality emulsions that cater to the high-performance demands of modern road construction.



PMB/CRMB PLANTS

"POLYTEC" SERIES | UPTO 40 TPH

PMB/CRMB Plants are engineered to deliver high-performance and cost-effective solutions for producing polymer modified bitumen (PMB) and crumb rubber modified bitumen (CRMB), essential for modern road construction. Equipped with superior components like high-grade Colloidal Mills and Electromagnetic Flow Meters, they guarantee precise flow measurement and optimal dosage control.

Using PMB/CRMB in road construction offers several advantages, such as enhanced durability and flexibility, ensuring roads resist cracking and deformation caused by heavy traffic and extreme weather conditions. These binders also reduce maintenance costs by extending the lifespan of roads.

CONTAINERIZED

- DESIGN FOR EASY **INSTALLATION & SHIFTING**

MINIMAL

FOUNDATION REQUIRED

UPTO 40 TPH MAXIMUM CAPACITY

PRECISE **FLOWMETERS** PRECISE Electromagnetic ROBUST Flowmeters for **WEIGHING** CABIN precise dosing. for polymer/crumb With advanced rubber. controls offering HIGH GRADE remote viewing **SHEAR MILL** capability For high precision shear & blending operation.

MODIFIED BITUMEN PROPERTIES

CHARACTERISTICS	PMB 64-10	PMB 70-10	PMB 82-10	PMB 76-22
Softening Point, °C, Min	60	65	70	80
Flash Point, COC, °C, Min	230	230	230	230
Viscosity at 150 °C, Pa.s, Max	1.2	1.2	1.2	1.6
Complex modulus (G*) divided by Sin delta (G*/sin δ) as Min 1.0 kPa, 25 mm Plate, 1 mm Gap, at 10 rad/s, at a temperature, °C	64	70	76	82
Phase Angle (δ), degree, Max	75	75	75	75
FRAASS breaking1) point, °C, Max	-10	-10	-10	-10

CHARACTERISTICS	CRMB 55	CRMB 60
Softening Point, °C, Min	55	60
Flash Point, COC, °C, Min	220	220
Viscosity at 150 °C, Poise, Max	26	3-9
Penetration at 25 Deg. C, 0.1 mm, 100g, 5s	<60	<50
Elastic recovery of half thread in ductilometer at 15 Deg. C, percent Min.	50	50

^{*}as per IS 15462 & 17079

TECHNICAL SPECIFICATIONS

MODEL		"POLYTEC" Series PMB/CRMB Plant
Plant Capacity	TPH	10 20 30 40
SECTIONS	,	
Mill	Туре	Superior Grade Shear Mill
Flow Meters	Туре	Electromagnetic-Mass Flow Meter
Process Control	Туре	PLC - SCADA
ADDITIONAL COMPONENTS		
Thermic Oil Heater (Skid Mounted)	Туре	Liquid or solid fuel based
Diturna on Taraka	Туре	Indirect
Bitumen Tanks	MT	30 /50 MT
PMB/CRMB Storage Tank	MT	30/50 MT





We are proud to expand our bitumen modifying equipment vertical with the successful installation of our first PMB/CRMB Plant in Vizag-demonstrating our commitment to provide robust, rugged and reliable solutions

RAILWAY STRUCTURES

RDSO APPROVED VENDORS

As a trusted vendor of RDSO, we proudly contribute to India's widest Foot Over Bridge (FOB) for the Ahmedabad to Mumbai Bullet Train project. Our in-house testing facilities guarantee superior quality, professional certification, and comprehensive project documentation.

With expertise in fabricating Open Web, Composite, and Bow String Girders, we ensure precision, strength, and timely delivery. Committed to long-term contracts, we consistently meet customer demands for quality and timely project completion, setting a benchmark in the industry.

Over the years since our inception, we have completed various projects for many prestigious clients for the fabrication of the following structures:

- » Open Web Girders
- » Bow String Girders
- » Composite Steel Structures
- » Foot Over Bridges

15,000 MT+
PER ANNUM
FABRICATING CAPACITY

35,000 SQ.M.

DEDICATED RDSO
FABRICATION FACILITY

FABRICATED

INDIA'S WIDEST FOB FOR AHMEDABAD BULLET TRAIN



KEY PROJECTS

FOR RDSO FABRICATION & LAUNCHING

Alltech has played a pivotal role in the fabrication and launching of RDSO-approved structures, including Open Web Girders, Bow String Girders, Composite Girders, and Foot Over Bridges (FOBs), across various parts of India. In collaboration with industry leaders such as L&T, Tata Projects, MKC, and many others, we have successfully executed numerous projects, ensuring the highest standards of quality, safety, and precision.

Working closely with the Indian Railways, these partnerships have enabled us to deliver robust and reliable structures, enhancing connectivity. From complex fabrication to on-site launching, Alltech remains committed to advancing India's rail infrastructure through innovative solutions and dependable engineering.





ALLTECH













We take pride in fabricating, launching, and commissioning *India's widest Foot Over Bridge (FoB)* for the prestigious Ahmedabad Bullet Train Project and are dedicated to contribute to our nation's success.



COAL BURNER

FOR REDUCED AGGREGATE HEATING COSTS

The Coal-Fired Burner is an ideal smart retrofit for asphalt plants, delivering up to 50% savings on fuel costs. Designed for plants with capacities ranging from 80 to 240 TPH, it offers a seamless transition from liquid fuel to coal via an onrail platform.

Alltech Coal Fire Burner ensures efficient combustion with lower operating costs and increases fuel flexibility. Robust and reliable design reduces maintenance requirements, making it a sustainable and cost-effective solution for enhancing operational efficiency.

UPTO 50% SAVINGS ON AGGREGATE **HEATING COSTS**

28+ PLANTS COMMISSIONED WITH COAL FIRE BURNER IN INDIA

Alltech's coal fire burners are engineered to deliver significant cost savings without compromising performance. By utilizing coal as a fuel source, these burners offer a highly economical alternative to traditional fuels, drastically reducing operational and asphalt production costs.

Designed for efficient combustion, it ensures optimal heat output while maintaining mix quality. With its reliable performance and lower fuel costs, Alltech's coal fire burners provide contractors with an effective solution to achieve greater profitability in road construction projects.



Proud to be the first Indian company to successfully install over 22 asphalt batch mix plants with coal fire burners, we are committed to maximizing our customers' profitability through innovative and reliable solutions.

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ALLTECH

2 BIN COAL **FEEDER**

Big Feeders for feeding coal to the pulverizing units for uninterrupted operations

POWERFUL



OPTIMAL

EFFICIENCY

Alltech's On-Rail Change Over System offers unparalleled flexibility and efficiency by enabling swift interchange between a liquid fuel-based modulating burner and a coal-fired burner within just 30 minutes. This system allows asphalt plants to seamlessly switch between different fuel types, ensuring uninterrupted production.







FIBRE DOZING SYSTEM

SMART ADDITIVE DOSING SYSTEM

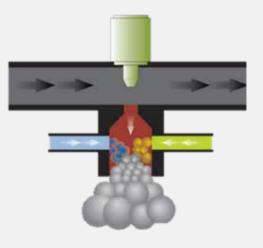
The Fiber Dosing System is an advanced solution designed for asphalt batch mix plants, ensuring precise and consistent fiber addition. Capable of handling various fiber types, including cellulose, glass, and synthetic materials, this system significantly enhances asphalt performance and durability. Fiber addition to asphalt contributes to long-lasting road surfaces and reduced maintenance costs.



UNIFOAM SYSTEM

FOR PREPARING WARM MIX ASPHALT

The UniFoam System utilizes Warm Mix Technology to enhance asphalt production by lowering mix preparation and placement temperatures. By injecting steam bubbles through water, it effectively reduces bitumen viscosity, allowing for easier handling and application. UniFoam System not only promotes energy efficiency but also aligns with sustainable practices, making it an invaluable component in modern asphalt applications.





FOR REDUCED BITUMEN HEATING COSTS

The Organic (Solid Fuel) Thermic Fluid Heater is a highly efficient solution utilizing solid fuel for heating applications. This fully packaged unit eliminates the need for on-site assembly. Its innovative design features cycloidal air injection for superior combustion efficiency and two concentric coils that optimize heat transfer.

With a 50% reduction bitumen heating costs, it also includes a thermic fluid circulating pump, ensuring zero leakage and maintenance-free operation, which enhances reliability in various heating processes.

Specially designed combustion chamber for the heater ensures optimal efficiency throughout the product life cycle and ensures maximised savings for bitumen heating.

UPTO 50% SAVINGS ON BITUMEN HEATING COSTS

EFFICIENT

HEAT EXCHANGER FOR RELIABLE OPERATION

> **TWO STAGE ASH SEPARATION**

ELECTRIC HEATED BITUMEN TANKS

FOR REDUCED BITUMEN HEATING COSTS

Electrically heated bitumen tanks are engineered to effectively store and maintain bitumen at optimal temperatures while promoting environmentally friendly practices. Featuring advanced heating elements, these tanks ensure even heat distribution to prevent cooling and enhance workability. With precise temperature control, they contribute to reduced energy consumption and lower operational costs. Equipped with superior insulation and safety features, these tanks minimize heat loss and ensure secure storage.







UPTO **50%** RAP ADDITION

At Alltech, we are committed to sustainability through asphalt recycling solutions that minimize waste and reduce the need for new materials. Our advanced technology allows for the recycling of up to 50% of reclaimed asphalt pavement (RAP), significantly lowering project costs while contributing to sustainability.

By incorporating RAP into the production of new asphalt mixes, we help reduce carbon emissions and conserve natural resources. Whether for road repairs or new constructions, Alltech's recycling systems ensure high-quality output while supporting greener infrastructure development. With sustainability at the core, we are driving the future of road construction through responsible, efficient, and eco-friendly practices.

RAP-SYNC

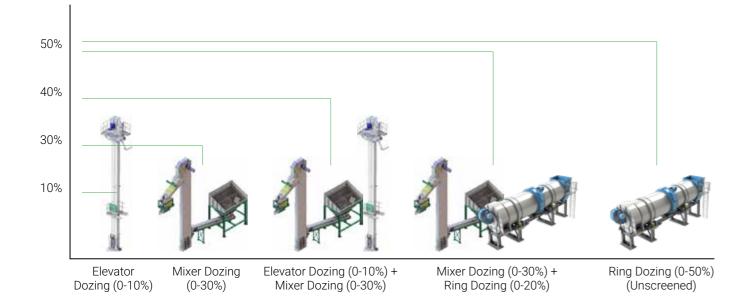
SYSTEM FOR OPTIMUM EFFICIENCY

ENHANCED

PROJECT SAVINGS WITH OPTIMUM RAP ADDITION

Alltech offers advanced solutions for incorporating Reclaimed Asphalt Pavement (RAP), enabling contractors to achieve sustainability and cost efficiency. With the ability to incorporate RAC (Recycled Asphalt Cold Addition) up to 30% and RAC + RAH (Recycled Asphalt Hot) up to 50%, our plants are designed to maximize the reuse of materials while maintaining superior mix quality.

These innovative approaches not only reduce dependency on virgin aggregates but also lower project costs, aligning with eco-friendly practices. The capabilities are further illustrated below, showcasing our commitment to greener road construction solutions.



^{*} RAP Addition is subject to RAP quality and moisture content in the RAP material.



Alltech India Limited's commitment to sustainable infrastructure shines through our installation of UNIBLACK 2500 at *Ahmedabad Municipal Corporation*—a 200 TPH asphalt plant utilizing up to 50% RAP. Soon, we are upcoming with the technology to incorporate over 65% RAP, further solidifying our commitment to sustainable infrastructure.











120 IPH | BIKANER | 0-30% RAP

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RECYCLING Solutions



CYBERMIX™ OS

FOR RELIABLE PLANT OPERATIONS

Alltech's CYBERMIX Operating System is designed to bring precision, ease, and real-time monitoring to asphalt plant operations. Equipped with a remote viewing and monitoring feature, CYBERMIX enables seamless diagnosis and troubleshooting from anywhere, ensuring minimal downtime and maximum efficiency.

With detailed production and batch reports, operators have access to comprehensive data that helps in tracking performance, optimizing processes, and improving output quality. The operator-friendly user interface minimizes the learning curve, making it easy for plant operators to manage the system with confidence and precision.

Live production parameters for real-time adjustments, ensuring optimal performance during production. With CYBERMIX, asphalt plants benefit from smarter, more efficient operations, enhancing ensuring high-quality productivity and results.

EASIER

PLANT OPERATIONS & REDUCED OPERATOR LEARNING CURVE

REMOTE

MONITORING & VIEWING OF PLANT OPERATIONS

PRODUCTION PARAMETERS WITH DETAILED PRODUCTION REPORTS



24x7 QUALITY SERVICE

At Alltech, we believe in customer first mindset and fulfill it by delivering exceptional service throughout the lifecycle of our products. From installation and commissioning to regular maintenance and upgrades, our team ensures seamless operations and optimal performance. With a focus on proactive assistance, we provide round-the-clock service, genuine spare parts, and expert guidance to address any challenges. Whether it's onsite troubleshooting, retrofit solutions, or online diagnostics, Alltech's commitment to quality service ensures reliability and peace of mind for our customers, enabling them to achieve uninterrupted project success.

24 x 7 **SUPPORT**

Our dedicated team is available round the clock to provide immediate assistance, ensuring your plant operations run smoothly without interruptions,

RETROFIT Upgrade your existing systems with our expert retrofit solutions tailored to enhance efficiency and meet evolving

ALLTECH

SPARES

We offer a reliable supply of genuine spare parts to maintain the performance **SUPPORT** and longevity of your asphalt plants and other equipment.

Leverage real-time online support & quick diagnostics, with our asphalt plant operation software - CYBERMIXTM Troubleshooting & guidance, anywhere!





Training is a never ending process

At Alltech, we believe that training is a never-ending process, and excellence is achieved only through constant

learning and improvement. To ensure our team is always ahead of the curve, we host numerous training programs for service engineers, batch mix plant operators, and technicians equipping them with the knowledge to stay updated on the latest industry norms and cutting-edge technologies.

We collaborate with industry experts and institutions to provide in-depth technical knowledge and insights into the latest practices. Trainees completing these programs receive certifications, empowering them professionally and ensuring they meet industry standards.

At Alltech, we are proud to invest in our most valuable resource—our people—fostering growth, innovation, and a culture of continuous improvement.



Our proprietary software, CYBERMIX, is crafted to streamline plant operations -minimizing downtime, maximizing efficiency, and shortening the learning curve for operators. " NIRAV PATEL MANAGER-SERVICE & SUPPORT



At Alltech, we are dedicated to providing quality service to our customers and embracing our motto—"Service Parmo Dharma"—as a guiding principle in everything we do.



KEY EVENTS

EVENTS, PARTICIPATIONS & ACHIEVEMENTS



ALLTECH INDUSTRIES INDIA		
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Recognized as "Top 10 Equipment Manufacturers by Industry Outlook Magazine

Annual Sales Conference - 2024, Udaipur, focused on training & growth for the year ahead



Presented our Solutions at the BAI Felicitation Programme



Delivered Microsurfacing Paver to GRIL (c/o Aadharshila Infratech Pvt. Ltd.)



Partnered with Strassmayr, as their authorized distributor in India.



Awarded for "Innovative Technologies in CE Industry" at Rex Fuels Conference



Showcased our Solutions at the Saudi Infrastructure Expo 2024



Participated at Builders Association India (BAI) meet, 2023



Participated in International Conference on Steel Slag Road organised by PHDCCI



Were delighted to be a part of Bauma ConExpo 2022- Munich, Germany



Participated at Rex Fuels & Solvex Global Conference 2023



Participated in World ConEx 2022, at Jammu & Kashmir



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)



ALLTECH INDIA LIMITED

(Formerly known as Alltech Industries India Private Limited & Alltech India Private Limited)

Head Office and Works:

Plot No. 62, At. Geratpur Patiya, Ahmedabad - Patan Highway Road, Near Saffrony Resort, Mehsana, Ditasan, Gujarat - 382710, India

