



# **HIM**ALAYA

## **ENGINEERING COMPANY**



# INTRODUCTION

**At Himalaya Engineering Company, we proudly manufacture and export a wide range of road construction machinery. Known for our commitment to quality and innovation, our equipment is designed to perform efficiently across diverse site conditions while delivering higher output, lower operational costs, and maximum uptime.**

**With a strong focus on Total Quality Management, we strive to exceed industry standards at every stage of production. Our mission is to contribute to the nation's economic progress by supporting the development of efficient and industrialized zones through robust, high-performance machinery**

# OUR STORY

Himalaya Engineering Corporation was founded with a clear mission: to deliver reliable, high-performance road construction machinery that supports infrastructure development across the globe.

Starting from modest roots, we've grown into a trusted name in the industry, backed by years of technical expertise, innovation, and a commitment to quality. Our journey has been driven by the belief that durable, efficient equipment can power progress and help build a better future.

Today, we continue to expand our reach, serve clients worldwide, and uphold the values that started it all—excellence, trust, and performance.



# OUR MISSION

**01 To deliver reliable, high-performance.**

**02 To ensure quality, efficiency, and innovation.**

**03 To ensure top-quality, efficiency, and innovation.**

**04 To build strong, lasting client relationships.**

**05 To continuously improve and innovate.**

# OUR PRODUCTS



**Asphalt Batch  
Mix Plant**



**Asphalt Paver  
Finisher**



**Trolley Bitumen  
Sprayer**



**Asphalt Drum  
Mix Plant**



**Mechanical  
Broomer**



**Mobile Drum  
Mix Plant**



**Bitumen  
Sprayer**



**Wet Mix  
Plant**



**Asphalt Bitumen  
Tank**



# Asphalt Batch Mix Plant

**HBM SERIES**  
**80-240 TPH**

"HIMALAYA" asphalt batch plants are specifically acclimatised to India's normal aggregate conditions, input dust levels, moisture content in stones, average environmental standards, fuel availability and production variables. Therefore, our customers have absolutely no bad surprises.

Our plants reflect one of the most exhaustive plant systems available in the market. Standards configuration of our systems are perfectly matched to the capacity, production demands and site requirements for each model.

"HIMALAYA" -Batch mix asphalt plant is the most widespread type of asphalt plant in the world and their popularity lies in the fact that they guarantee top quality and maximum flexibility.



Technical Specifications						
MAIN PLANT	Column 1	HBM 1000	HBM 1200	HBM 1500	HBM 2000	HBM 2500
Plant Capacity		80 tph	100 tph	128 tph	160 tph	200 tph
Cold Feed Bins	No. of feeder/Cap.	4/25 m³	4/31.25 m³	4/37.5 m³	4/43.75 m³	45/46.50 m³
Charging Conveyor	Capacity	100 tph	120 tph	140 tph	180 tph	220 tph
Dryer Drum	Dia. X Length	1.8 m x 7 m	1.8 m x 7m	2.1 m x 8 m	2.1 m x 8 m	2.3 m x 9 m
Burner Capacity		6.5 MW	9 MW	11.8 MW	13.6 MW	17.3 MW
Fuel		Diesel	Diesel	Diesel	Diesel	Diesel
Pollution Control Unit	Centrifugal dual Cucclone	1.4 m x 3 m	1.4 m x 3 m	1.4 m x 3 m	1.4 m x 3 m	1.4 m x 3 m
BaghouseFiltering Area		285 m³	325 m³	390 m³	435 m³	590 m³
Hot Elevator	Capacity	100 tph	120 tph	140 tph	180 tph	220 tph
Screenig unit	Capacity	100 tph	120 tph	140 tph	180 tph	220 tph
Aggregate Weight Bin	Capacity	1000 kgs	1250 kgs	1500 kgs	2000 kgs	2500 kgs
Filler Weight Bin	Capacity	200 kgs	200 kgs	300 kgs	300 kgs	400 kgs
Bitumen Weigh Bin	Capacity	150 kgs	150 kgs	225 kgs	225 kgs	300 kgs
Filler Feeding System	Filler Elevator Cap.	14 tph	14 tph	21 tph	21 tph	21 tph
Mixing cap./ Batch		1000 kg/ batch	1250 kg/ batch	1600 kg/ batch	2000 kg/ batch	2500 kg/ batch
Cycle Time		45 Secs.	45 Secs.	45 Secs.	45 Secs.	45 Secs.



# Asphalt Drum Mix Plant

We manufacture advanced drum mix plants with automatic controls that meet M.O.R.T.H. specifications. The HIMALAYA thermo drum features innovative flight design and heat transfer technology (conductive, convective, and radiative) for efficient heat transfer, thorough mixing, and reduced emissions. This plant produces high-quality hot asphalt mixtures with minimal wear and low maintenance. Its portability, with a single unit containing the drum mixer, dust collector, and conveyor, makes it suitable for both small and large projects.





# Asphalt Drum Mix Plant Capacity

**01 MODEL DM-35 (30 TO 40 TPH)**

**02 MODEL DM-45 (40 TO 60 TPH)**

**03 MODEL DM-50 (60 TO 90 TPH)**

**04 MODEL DM-60 (90 TO 120 TPH)**

**05 MODEL DM-65 (120 TO 150 TPH)**

Technical Specifications					
Model	DM-35	DM-45	DM-50	DM-60	DM-65
Cap.@ 3% moisture	45 tph	60 tph	90 yph	120 tph	150 tph
Cold Bin Feeds					
No. of Bins/ Storage Cap.	4/ 20 m³	4/ 20 m³	4/ 25 m³	4/ 31.25 m³	4/ 37.5 m³
Feeding Capacity	80 tph	100 tph	120 tph	150 tph	200 tph
Slinger Conveyor					
Conveyor drive/width	3.7 kW/500 mm	3.7 kW/500 mm	3.7 kW/500 mm	5.5 kW/500 mm	5.5 kW/500 mm
Thermo Drum Unit					
Dryer Lenght/Diameter	1.00m x 5.7mm	1.2m x 6.7m	1.54m x 6.7m	1.85m x 7.31m	1.85m x 8m
Drive Motor	15 kw	18.6 kw	18.6 kw	30 kw	44 kw
Burner Unit					
Burner cap.	250 lph / 3 mw	350 lph / 4 mw	550 lph / 6.5 mw	770 lph / 9 mw	1100 lph / 13 mw
Fuel Type	Diesel	Diesel	Diesel	Diesel	Diesel
Blower Connected Power	7.5 kw	11.25 kw	15 kw	15 kw	18.7 kw
Discharge System					
Load Out Conveyor Belt	500 mm x 17.9 m	500 mm x 17.9 m	600 mm x 17.9 m	600 mm x 20.3 m	600 mm x 20.3 m



# Wet Mix Plant



A wet mix plant, also known as a wet mix macadam plant, is a piece of equipment used in the construction of roads and highways. It is designed to produce a homogenous mixture of aggregates, sand, cement, and water to create a base or sub-base layer that provides stability and support for the pavement above. The wet mix plant ensures precise control over the mixing process, resulting in a high-quality blend that meets specific project requirements. Key features include a twin-shaft mixer, water tank, and conveyor system for efficient material handling. Wet mix plants are essential for large-scale infrastructure projects where consistent, durable road surfaces are critical. Their use enhances construction efficiency, reduces manual labor, and ensures longevity and strength of the constructed roads.

**Precision. Performance. Reliability.**

**Introducing the Asphalt Paver Finisher from Himalaya—your key to precise and efficient road construction. Our machinery expertly lays asphalt on various surfaces, ensuring smooth and durable finishes. Equipped with advanced components like a high-capacity hopper and cutting-edge screed, it enhances safety while reducing time and costs. Experience the future of paving with Himalaya**

**Asphalt Paver Finisher (Mechanical) HRM-6**

**Asphalt Paver Finisher (Hydraulic) HRM-8**

**Asphalt Paver Finisher (Mechanical) HWM-6**

**Asphalt Paver Finisher (Hydraulic) HWM-8**

# Asphalt Paver Finisher





# BITUMEN PRESSURE DISTRIBUTION

A bitumen sprayer is essential equipment in road construction and maintenance, used to apply an even layer of bitumen — a sticky, highly viscous petroleum product — onto surfaces. It acts as a binding agent, holding aggregates together in asphalt paving. The sprayer features a storage tank, a heating system to maintain the correct temperature, and a precise spraying mechanism for uniform coverage. By ensuring proper adhesion and waterproofing, bitumen sprayers help create durable, long-lasting road surfaces while minimizing material waste and enhancing finish quality.





Technical Specifications				
Bitumen Tank	HTM - 3000	HTM - 4000	HTM - 6000	Htm - 7000
Length	2100mm	2400mm	3100mm	3300mm
Width	1800mm	1800mm	1900mm	1900mm
Height	1500mm	1500mm	1550mm	1650mm
Capacity	3000 Ltrs.	4000 Ltrs.	6000 Ltrs.	7000 Ltrs.
Man Hole	600mm	600mm	600mm	600mm
Insulation	50mm	50mm	50mm	50mm
Burner Fuel	Diesel/ LDO	Diesel/ LDO	Diesel/ LDO	Diesel/ LDO
Consumption Burner	20 Ltrs./HR	20 Ltrs./HR	20 Ltrs./HR	20 Ltrs./HR
Burner Fuel Tank	50 Ltrs.	50 Ltrs.	50 Ltrs.	50 Ltrs.
Engine FuelTank	20 Ltrs.	20 Ltrs.	20 Ltrs.	20 Ltrs.
Service Tank	20 Ltrs.	20 Ltrs.	20 Ltrs.	20 Ltrs.
Mounting	Ashok LL/TATor 148" WheelBase	Ashok LL/TATor 148" WheelBase	Ashok LL/TATor 176" WheelBase	Ashok LL/TATor 176" WheelBase



# MECHANICAL BROOMER

A mechanical broomer, often referred to as a street sweeper, is a machine used to clean streets, roads, and other paved surfaces. It is designed to efficiently remove debris, dirt, and litter through a combination of rotating brushes and powerful suction. These machines are typically employed by municipalities and private contractors to maintain cleanliness in urban and suburban areas. Mechanical broomers are effective in reducing pollution, preventing stormwater drain blockages, and enhancing the aesthetic appeal of public spaces. By keeping streets clean, they also contribute to public safety by reducing hazards like slick patches or debris that could cause accidents.





# ASPHALT BITUMEN TANK

The Himalaya Bitumen Tank is designed for efficient storage and heating of bitumen, essential for road construction projects. Built with heavy-duty, insulated materials, it ensures minimal heat loss and maintains consistent bitumen quality. Equipped with advanced heating systems (direct or indirect) and easy-to-operate controls, it provides safe, efficient, and reliable performance. Available in various sizes, our bitumen tanks are ideal for both stationary and mobile applications.

## Key Features:

- High-grade insulation for heat
- efficiency
- Direct or thermic fluid heating options
- Easy discharge and temperature control
- Durable construction with low maintenance needs





The Himalaya Mobile Drum Mix Plant is designed for fast setup, easy relocation, and efficient asphalt production. Mounted on a single chassis, it combines drying, mixing, and control systems for consistent performance. Ideal for remote and short-term projects, it ensures uniform mixing, low maintenance, and reliable output with minimal setup time.

#### Key Features:

- Single chassis, fully mobile design
- Efficient drying and mixing drum
- Quick installation and easy transport
- Advanced control system for accuracy
- Available in multiple capacities

# MOBILE DRUM MIX PLANT





# CUSTOMIZATION AVAILABLE

We understand that every project has unique requirements. That's why we offer customisation options on all our asphalt plants and equipment. Whether you need specific capacities, control systems, mobility features, or layout adjustments, our engineering team will work with you to deliver a solution tailored to your needs.

## Customised layouts

- Control system integration
- Capacity modifications
- Specialized components and features
- Contact us to discuss your customization needs.

# CONTACT US



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