



SKON S.K ENGINEERING

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SKON

S.K ENGINEERING

AN ISO 9001 : 2015 CERTIFIED CO.

INVARIABLE RAISE



Mini Plant



Four Bin Feeder



Road Roller



Paver Finisher

Email : skengineering966@gmail.com | **Website :** www.skonskengineering.in



About Us

- State-of-the-Art Technology
 - Tailored Solutions for Every Need
 - Commitment to Sustainability
 - Unmatched After-Sales Support
 - Industry Expertise
- Join us in building a better future, one road at a time.

At **S.K. Engineering**, we specialize in the design, engineering, and manufacturing of high-quality hot mix plants that cater to the needs of the construction and road building industries. With decades of experience, we are committed to providing innovative and reliable solutions that ensure our clients achieve the highest standards in asphalt production. Founded on the principles of quality, efficiency, and sustainability, our plants are engineered with cutting-edge technology to deliver superior performance, durability, and ease of operation. We pride ourselves on offering tailored solutions, meeting the specific demands of each project while maximizing productivity and minimizing environmental impact. Our range of hot mix plants includes both mobile and stationary options, designed to accommodate a variety of production capacities. From initial design to installation and maintenance, we offer end-to-end support to ensure your plant operates at optimal levels throughout its lifespan. At **S.K. Engineering**, we strive to be your trusted partner in road construction and infrastructure development, offering not just machines, but long-lasting solutions that drive success.

Our Vision

- To be a global leader in the hot mix plant manufacturing industry, providing innovative, efficient, and sustainable solutions to our clients.

Our Mission:

- To manufacture world-class hot mix plants that exceed industry standards, ensuring quality and performance, while contributing to the growth of infrastructure development worldwide.



BITUMIN DECANTER

A Bitumen Decanter is a specialized machine used to melt and transfer solid or drum-packed bitumen into liquid form for use in hot mix plants, road construction, and waterproofing applications. It ensures efficient and safe bitumen extraction while maintaining the required temperature and viscosity.



DRYING DRUM UNIT

The Drying Drum Unit is a crucial component of a hot mix plant (also known as an asphalt plant) used for manufacturing asphalt. It is responsible for drying and heating the aggregates to the required temperature before they are mixed with bitumen in the mixing unit. This ensures that the final asphalt mixture has the proper consistency and quality for road construction and paving projects.



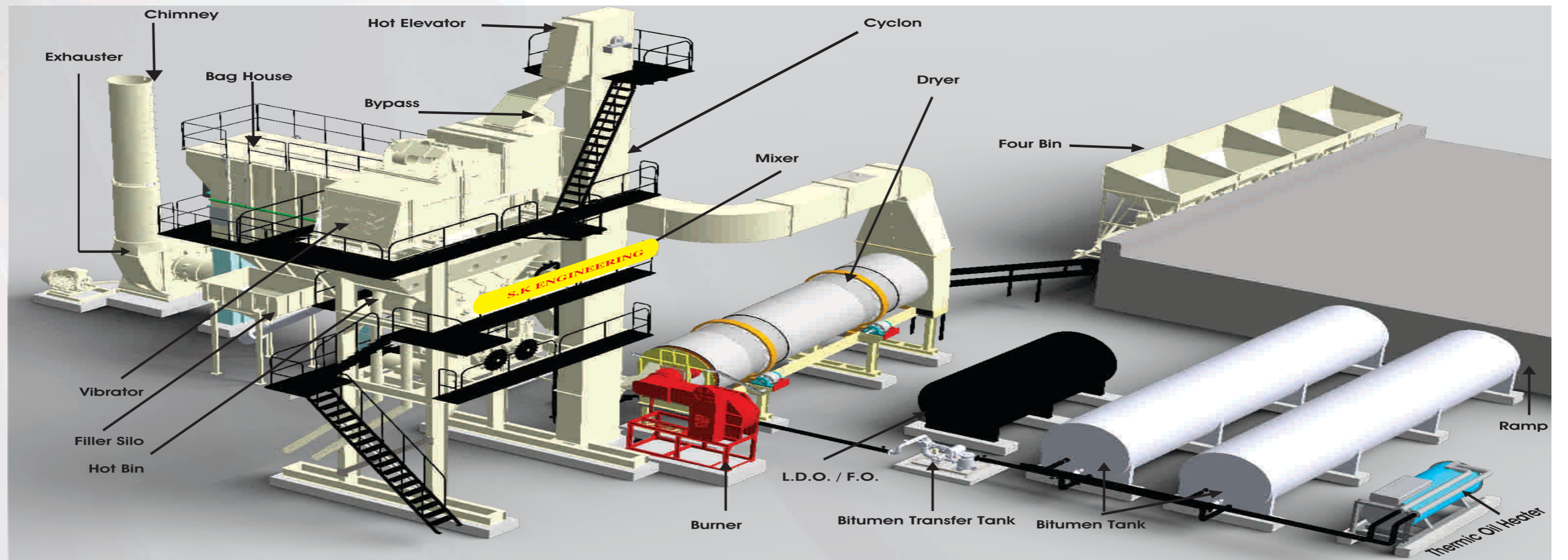
POLLUTION CONTROL UNIT

A Pollution Control Unit (PCU) for a Hot Mix Plant (HMP) is essential to control emissions and comply with environmental regulations. These units help in reducing air pollution caused by dust, smoke, and harmful gases generated during asphalt production.



WMM PLANT

A WMM Plant (Wet Mix Macadam Plant) is used for producing a granular base layer for road construction by mixing aggregate, water, and binding materials. These plants ensure a homogenous and consistent mix for strong road foundations.



ASPHALT BATCH MIX PLANT LAYOUT



ASPHALT HOT MIX PLANT LAYOUT

SKON**MINI PLANT**

A Mini Hot Mix Plant is a compact and mobile asphalt mixing plant designed for small-scale road projects, patch repairs, and remote locations. It ensures efficient and consistent mixing of bitumen and aggregates to produce high-quality asphalt mix.

**SKON****ELECTRIC CONTROL PANEL**

An Electric Control Panel for a Hot Mix Plant, Wet Mix Plant is the centralized system that controls and monitors all plant operations. It ensures automation, safety, and precision, leading to efficient and high-quality production.

**SKON****CONTROL CABIN**

A Control Cabin for a Hot Mix Plant is a vital component that houses the control panel and ensures safe, efficient, and automated operation of the asphalt mixing process. It provides a comfortable and dust-free environment for the operator while monitoring and controlling plant functions.

**SKON****PUGMILL UNIT**

A Pugmill Unit is a key component in Wet Mix Macadam (WMM) plants, Hot Mix Asphalt plants, and Soil Stabilization plants. It is responsible for mixing aggregates, water, bitumen, or cement uniformly to produce a high quality road base or asphalt mixture.

SKON**STATIC ROAD ROLLER**

A Static Road Roller is a heavy-duty compaction machine used in road construction, soil compaction, and asphalt laying. Unlike vibratory rollers, static rollers rely on their heavy weight and rolling action to compact materials.

**SKON****ASPHALT PAVER FINISHER**

An Asphalt Paver Finisher is a machine used to lay asphalt on roads, bridges, parking lots, and other surfaces. It ensures a smooth, uniform, and well-compacted surface, preparing the asphalt layer for final rolling.

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SKON**TAR BOILER**

A Tar Boiler is a specialized machine used for heating and melting tar, bitumen, or asphalt for road construction, waterproofing, and roofing applications. It ensures that the material reaches the correct workable temperature for easy application.

SKON**AIR COMPRESSOR**

- We provide air compressor having pressure 10 kg
- Fitted on heavy Structure
- Our Compressor have smooth and better performance for a long period.

**SKON****FOUR BIN FEEDER**

The Four Bin Feeder is a key component in a hot mix plant (asphalt plant), responsible for storing and accurately feeding the aggregates into the drying drum for mixing with bitumen. As the name suggests, the Four Bin Feeder consists of four separate bins that store different types or sizes of aggregates (such as sand, gravel, crushed stone, etc.), which are crucial for producing the desired asphalt mix.

**SKON****MECHANICAL BROOMER**

A Broomer (Mechanical Road Sweeper) is a machine used in road construction and maintenance for cleaning dust, debris, and loose materials before laying asphalt or concrete. It ensures a clean and smooth surface, improving the adhesion of new layers.

