

Company Profile



Indian Mobile Equipment (IME): Pioneering Truck-Mounted Mobile Concrete production & Transportation Equipment in INDIA.

Introduction:

Revolutionizing the construction industry, & pioneering **HAULMIX™** & **MIXPORT** series truck-mounted mobile concrete mixers offers unparalleled flexibility and efficiency. These innovative machines enable on-site production and transportation of high-quality concrete, reducing waste and environmental impact. Discover how this cutting-edge technology is transforming the future of construction and redefining the possibilities of concrete production.

Indian Mobile Equipment (IME) is a pioneering manufacturer and innovator in the field of **truck-mounted mobile concrete Production & Transportation Equipment**. With a strong focus on innovation and an un-paralleled patent portfolio, IME leads in addressing the long-outstanding needs of the concrete industry.

Our Mission

At IME, our mission is to transform the concrete industry with our duly patented truck-mounted mobile concrete mixers. These mixers are designed to produce and transport high-quality fresh concrete, eliminating material handling issues in urban and residential areas. By doing so, we aim to reduce traditional overheads, air and water pollution, material waste, and fossil fuel waste associated with traditional wet concrete production and transportation systems.



Our History and Background

The first Indian patent for a truck-mounted mobile concrete mixer was filed in 2009. After procedural delays, the patent was granted in 2017. Since then, IME has developed and tested numerous prototypes, protecting each breakthrough with independent patents. The firm was incorporated in 2021, and after obtaining over 10 granted patents, IME had licensed manufacturing rights to HASBER Machine Pvt. Limited for manufacturing of HASBER C-30 Machine based on the VWT patent. **However, IME has since taken back control of manufacturing effective since 1st December 2024.** We have also authorized M/s Perfect Automobiles, Indore to represent our products in Madhya Pradesh.

At present IME is the only Company in INDIA manufacturing Truck-Mounted Mobile Concrete Mixers in India which are able to transport raw materials and are designed to produce FRESH CONCRETE when required irrespective of Time & Distance and without any additional source of power.

Products: HAULMIX Truck-Mounted Mobile Plant cum Mixers

IME's **HAULMIX™** series mobile concrete mixers feature groundbreaking technologies, including a **patented hydraulic drive system, PLC-controlled automatic control panel, and high-capacity on-board water storage.** The mixer also boasts a custom-designed hydraulic manifold block, **high-torque high-speed pan-type mixer, and advanced PLC controlled**



pollution control mechanism. With protection under copyright and design acts, **HAULMIX™** is a cutting-edge solution for the concrete industry.

Key Features of HAULMIX Mixers

The **HAULMIX™** series mobile concrete mixers feature a patented hydraulic drive system, ensuring efficient and reliable operation. The PLC-controlled fully automatic control panel is integrated with the **hydraulic system and electronic load cells**, providing precise control and monitoring. The mixer's high-capacity on-board water storage system **features swiveling water tanks**, allowing for easy cleaning and maintenance.

The mixer's patent protected On-board pollution control mechanism is designed to minimize environmental impact, and its custom-designed hydraulic manifold block ensures optimum performance. **The high-torque high-speed pan-type mixer** is fitted with a custom-designed planetary gearbox and operated by a high-torque heavy-duty radial piston motor.

Protection and Certifications

With regard to Truck-Mounted Mobile Mixers cum Plants-

- The first Indian Patent was granted in the year 2017.
- The second Indian Patent was granted in the year 2019.



- The third Indian Patent was granted in the year 2019.
- The fourth Indian Patent was granted in the year 2022.
- The fifth Indian Patent was granted in the year 2024.
- The Sixth Indian Patent was granted in the year 2024.
- Many Patents have been pending and expected in 2025 to 2026.

IME has launched the **HAULMIX™**, a revolutionary product featuring groundbreaking technologies safeguarded by granted Indian Patents.

The product's custom-designed hydraulic manifold block is protected under an independent patent, and its high-torque, high-speed pan-type mixer is fitted with a custom-designed high-torque planetary gearbox operated by a high-torque heavy-duty radial piston motor.

The **HAULMIX™'s** basic construction is protected under the Copyright Act, and the mobile concrete mixer is also protected under the Design Act, ensuring comprehensive intellectual property protection.



Partnerships and Collaborations

IME has authorized M/s Perfect Automobiles, Indore to represent our products in Madhya Pradesh, ensuring that our customers receive excellent support and service.

By combining innovative technologies, patented designs, and strategic partnerships, IME is poised to revolutionize the concrete industry with its HAULMIX mobile concrete mixer.

Conventional Ready-Mix Concrete has several limitations that are overcome by HAULMIXTM Automatic Mobile Concrete Mixers. Wet concrete has a limited shelf life, making it perishable and susceptible to degradation over time. High transport times due to traffic congestion can result in "hot loads," which can compromise the quality of the concrete.

To mitigate these issues, high dosages of retarding chemicals are often required, which can have unintended consequences. If concrete is delayed beyond two hours, it is often rejected by customers, resulting in significant waste and financial losses. Recycling rejected concrete requires specialized units at the plant, which can only recover aggregates, not cement.

As a result, Ready-Mix Concrete plants are typically located inside city limits, near construction sites, to minimize transportation times. However, this requires large areas of land, typically around 30,000 square feet, which can be costly in urban



areas. Furthermore, Ready-Mix Concrete plants must invest significant amounts of money on a monthly basis to control air and water pollution caused by their activities.

HAULMIX™ Automatic Mobile Concrete Mixers address these limitations by providing a more efficient, flexible, and sustainable solution for concrete production and transportation. By eliminating the need for traditional Ready-Mix Concrete plants, **HAULMIX™** reduces the environmental impact and costs associated with concrete production, while also improving the quality and reliability of the final product.

Salient Features of HAULMIX™ Mobile Concrete Mixers:

1. Provides “Fresh Concrete” Irrespective of Time and Distance
2. No shelf-life limitation of concrete. Concrete is produced only when it is needed. Therefore, no rejected concrete and Zero wastages.
3. It is provided with separate compartments for all raw materials of concrete which are transported in an unmixed condition and these are mixed in exact required proportion by a PLC based fully automatic system integrated with patented Hydraulic system Only when Concrete is actually needed.
4. It is provided with a Patent protected Control panel which ensures human intervention free operation and can store multiple concrete mix designs and can be operated remotely and can be coupled with a cloud-



based system.

5. Since No Shelf life of Concrete, Concrete can be sent from outside the city eliminating all the rehandling of materials.
6. No power required by the equipment during transport. Power is needed only when concrete is mixed.
7. Ideal for producing HIGH STRENGTH CONCRETES fresh at the site.

MIXPORT Series Truck-Mounted Mobile Concrete Mixers from IME:

MIXPORT Truck mounted Mobile Concrete Mixers are ideal for production of high strength concrete & UHPC at site by actually weighing all ingredients with the help of PLC panel integrated with Plurality of electronic loadcells. MIXPORT 2000 model has been designed to be installed on a 6 tyre (10 to 12 Ton GVW) commercial truck with a batch size of 1 cubic meter of compacted concrete, a transport capacity of 2 cubic meter per trip and hourly output of approx. 14-16 cubic meter per hour in continuous operation at one location.

The Salient features of MIXPORT 2000 are-

1. Patented Forceful Mixer
2. High Torque planetary gearbox
3. High torque radial piston motor for mixer
4. Weighing belt with 1 cubic meter batch capacity
5. Weigh hopper to hold 1 cubic meter waiting batch
6. Four loadcells of 2 Ton capacity each.

7. Day use Jumbo weight display
8. Hydraulic overload protection
9. PLC panel with recipe feeding
10. USB port for batch records
11. Hydraulically operated water pump
12. KOEL HA 494 Engine
13. Suitable for installation on 6 tire truck chassis
14. Hydraulically operated discharge gate
15. Ideal for highly homogeneous Ultra High-Performance Concrete.

