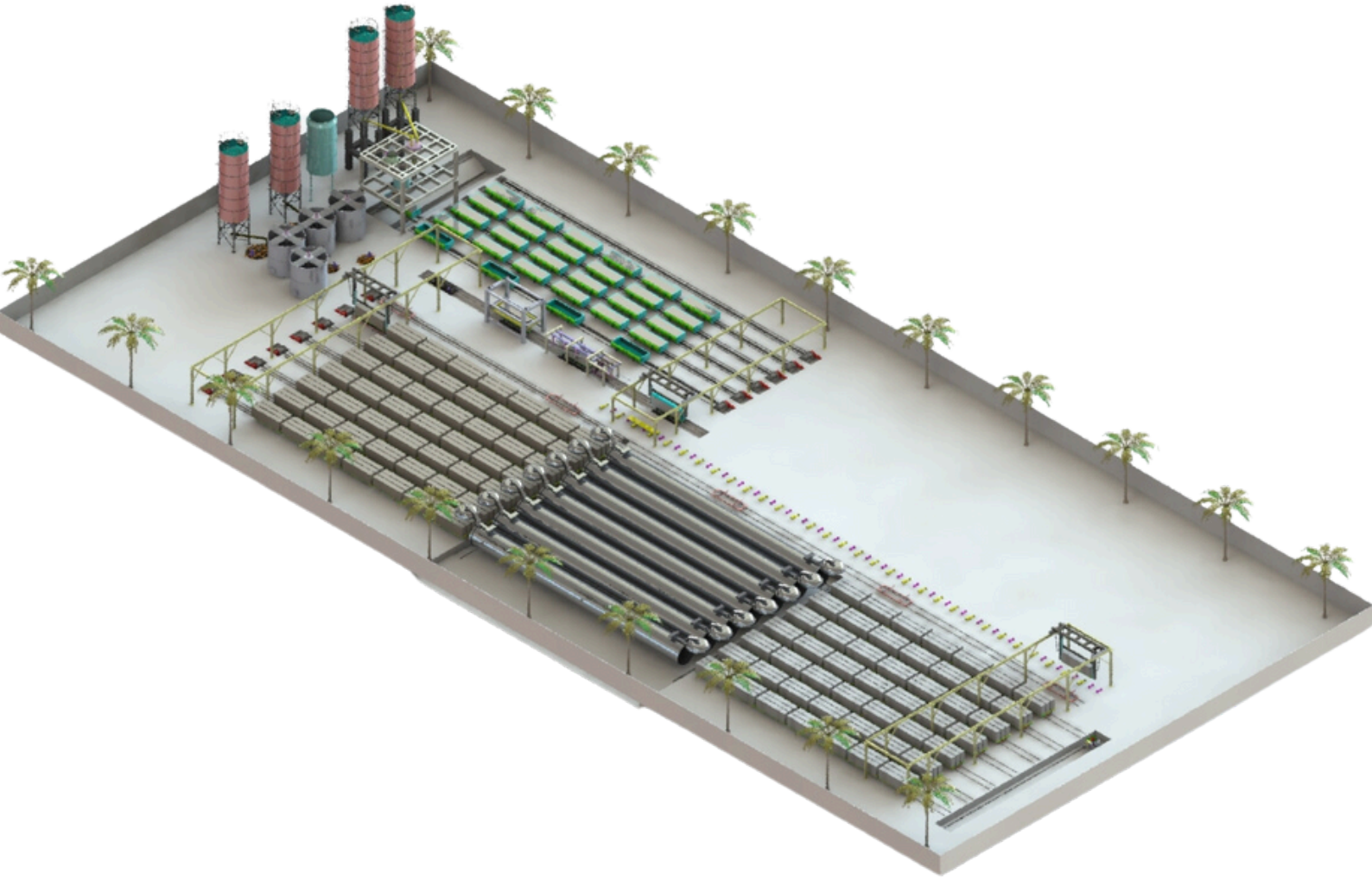
POWEROL®

AAC PLANT



Powerol AAC plant consistently produce high-quality autoclaved aerated concrete blocks with precise dimensions, excellent strength, and thermal insulation properties.

INDIA'S CONSTRUCTION MACHINERY MANUFACTURER

www.powerol.com

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Benefits of Setting up AAC Block Plants

Growing Construction Industry

India has a rapidly growing construction industry due to urbanization, infrastructure development, and increased demand for housing. AAC blocks offer an attractive alternative to traditional construction materials like clay bricks due to their energy efficiency and ease of use

Energy Efficiency

AAC blocks have excellent thermal insulation properties, helping to reduce energy consumption for heating and cooling in buildings. As energy costs continue to rise, there's a greater interest in using energy-efficient building materials

High-Quality Building Materials

As people become more conscious of the quality of construction and durability of buildings, there is a growing demand for innovative and high-quality building materials like AAC blocks

Regulatory Incentives

The Indian government has been promoting sustainable construction practices through various policies and incentives. Setting up a manufacturing plant that aligns with these initiatives could make you eligible for certain benefits or subsidies

Reduced Construction Time

AAC blocks are larger and lighter than traditional bricks, which can speed up construction. This can be particularly beneficial in meeting tight project deadlines

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Benefits of Setting up AAC Block Plants

Low Environmental Impact

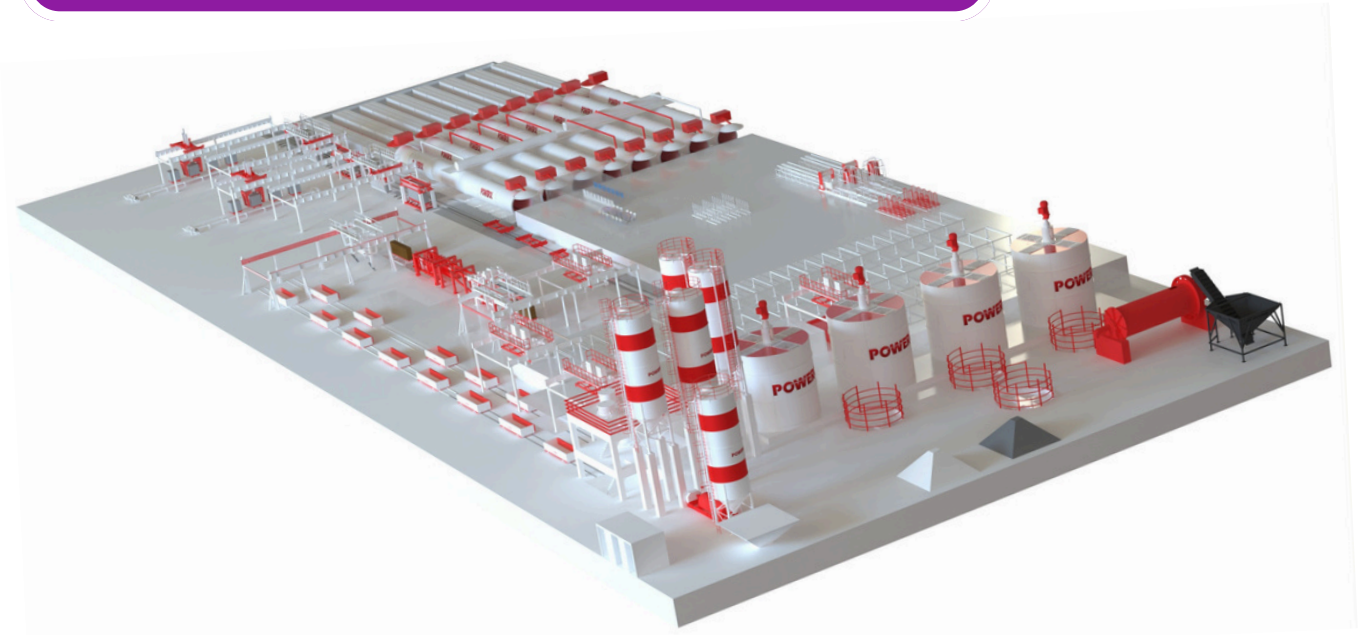
AAC block production involves minimal use of raw materials and emits lower levels of carbon dioxide compared to traditional brick manufacturing

Market Potential

As the awareness and acceptance of AAC blocks increase, there is significant market potential for manufacturers. India's population, urbanization rate, and housing needs provide a substantial market base

Export Opportunities

If your AAC blocks meet international quality standards, there could be potential for exporting to neighboring countries and other regions where sustainable construction materials are in demand



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Mini AAC Plant Total Investment

01 Raw Material Preparation Equipment

02 Moulds and Mould Oil Application Equipment

03 AAC Production Equipment

04 Boiler System

05 Control System

06 Utilities and Infrastructure

07 Laboratory Equipment

08 Material Handling Equipment

09 Packaging and Storage Equipment

10 Safety and Environmental Equipment

11 Land and Building

12 Miscellaneous Costs

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FBT tower type dry mortar mixing plant

tower-type dry-mortar mixing plant, which is designed for efficient and high-quality mortar production. Its top-to-bottom layout ensures smooth flow, minimizes cross-contamination of raw materials, and makes it suitable for producing both ordinary and special mortars.

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FBT tower type dry mortar mixing plant

large variety | low energy consumption

Mortar production equipment installation and production process

Equipment height is high, can produce a variety of products

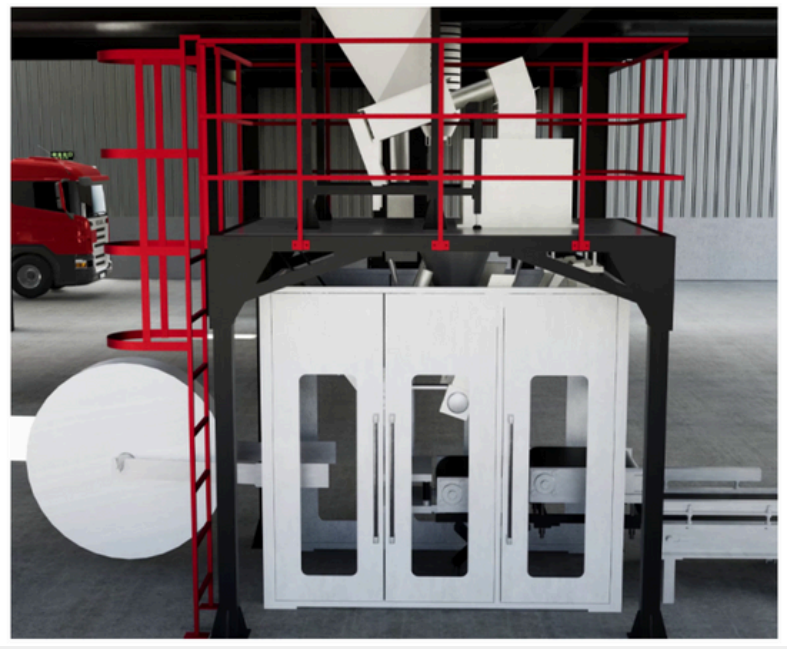
It occupies a small area and has a grand appearance

Your name will not be shared

POWEROL

FBT tower type dry mortar mixing plant

- Mixing system
- Weighing System
- Drying Drum
- Packaging System
- Screening System



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Mixing system

- Design: Plow mixing device with high efficiency and excellent homogeneity.
- Mixing Ratio: Can handle ratios up to 1:10,000.
- Frequency Conversion: Allows precise speed control to optimize mixing.
- Energy Efficiency: Can reduce power consumption by about 25% at lower speeds.
- Durability: Components like blades and mixing arms are made of wear-resistant alloy cast iron and tungsten carbide for longevity.

POWEROL®

Drying Drum

The plough mixing device, high efficiency, good homogeneity, mixing ratio can reach 1:10000 frequency conversion mixing.

Energy efficiency can be reduced by 25% compared with the normal speed.

The blade and mixing arm are made of wear-resistant alloy cast iron and tungsten carbide wear-resistant layer

POWEROL®

Screening System

The plough mixing device, high efficiency, good homogeneity, mixing ratio can reach 1:10000 frequency conversion mixing.

Energy efficiency can be reduced by 25% compared with the normal speed.

The blade and mixing arm are made of wear-resistant alloy cast iron and tungsten carbide wear-resistant layer

POWEROL®

Weighing System

- Accurate frequency conversion feeding ensures precise ingredient measurement, enhancing consistency.
- Stable and reliable operation guarantees dependable performance over time.
- Unique scale body structure with a large-angle design minimizes dead corners, facilitating quick, clean discharging.
- Double valve outlet design prevents airflow interference, ensuring accurate and consistent ingredient flow.
- Multi-gear options for additive scales allow customization to meet various measurement accuracy needs.

POWEROL®

Packaging System

The plough mixing device, high efficiency, good homogeneity, mixing ratio can reach 1:10000 frequency conversion mixing.

Energy efficiency can be reduced by 25% compared with the normal speed.

The blade and mixing arm are made of wear-resistant alloy cast iron and tungsten carbide wear-resistant layer