

INNOVATING AGRICULTURE FOR A SMARTER TOMORROW



- » Clay Brick Making Machine
- » Brick making machine- Static mode
- » Soil grinder Machine
- » Clay mixer machine / Pug Mill
- » Wood Chipper Machine
- » Coal Crusher Machine
- » High Draught Fan Machine

**Smart Farming
Starts Here**

ABOUT US

WELCOME TO KALYAN AGROTECH PVT. LTD.

Kalyan Agrotech Private Limited is a leading manufacturer of innovative agricultural & construction machinery, established in 2015 by **Mr. Vijay Gangwar** and **Ms. Kadamvari**. Since its inception, the company has been committed to delivering high-quality, efficient, and technologically advanced machinery solutions that enhance productivity and support sustainable development.

With an annual turnover of approximately ₹35 Crore and a dedicated workforce of more than 50 skilled employees, **Kalyan Agrotech Pvt. Ltd.** has built a strong reputation for quality, reliability, and customer satisfaction across India.

WHERE PASSION MEETS AGRICULTURE

Founded in 2015 by visionary entrepreneur **Mr. Vijay Gangwar**, **Kalyan Agrotech Pvt. Ltd.** has emerged as a trusted name in the agro-industrial machinery sector. Headquartered in **Noida, Uttar Pradesh**, we are committed to transforming traditional practices with modern technology, delivering machines that are efficient, durable, and reliable.

We specialize in clay brick making machines, clay mixer machines, and customized industrial solutions designed to maximize productivity, reduce costs, and ensure superior quality output. By combining innovation, precision engineering, and practical usability, we provide machinery that helps businesses scale with confidence.

Under the dynamic leadership of **Mr. Vijay Gangwar**, **Kalyan Agrotech** has built a strong reputation for quality, reliability, and customer-first excellence, making us a preferred partner for industries across India.

SHAPING AGRICULTURE WITH CLEAR GOALS & VISION



OUR MISSION

- To manufacture world-class machinery with superior performance and durability.
- To continuously invest in research and development for innovative product solutions.
- To provide exceptional customer support and after-sales service.
- To promote sustainable manufacturing practices and technological advancement.
- To create long-term value for customers, employees, and stakeholders.



OUR VISION

To become a globally recognized leader in agricultural and brick-making machinery manufacturing by delivering innovative, sustainable, and cost-effective solutions that empower businesses and contribute to economic growth.



OUR PROMISE

We promise to deliver innovative, reliable, and sustainable machinery solutions that maximize efficiency, drive growth, and support the success of every business we serve.

TRACTOR-OPERATED CLAY BRICK MAKING MACHINE



A Tractor Operated Brick Making Machine from Kalyan Agrotech makes bricks quickly and easily using a tractor's power. First, clay, soil, and water are mixed properly to make soft, workable clay. Then, the machine is connected to a tractor, which powers it when running. Next, the machine presses the clay into a brick-shaped mold, forming uniform bricks. Finally, the bricks come out and are left to dry or go for curing before use. This process makes brick-making faster, easier, and more efficient than doing it manually.

KEY FEATURES

- ▶ **Tractor Powered Operation** - Utilizes tractor PTO for smooth and powerful performance.
- ▶ **High Production Capacity** - Produces a large number of uniform bricks per hour.
- ▶ **Durable Construction** - Built with heavy-duty materials for long-lasting use.
- ▶ **Low Maintenance** - Requires minimal upkeep, reducing operational costs.
- ▶ **Eco-Friendly Design** - Efficient clay utilization with reduced wastage.

The **Tractor Operated Clay Brick Making Machine** is a highly efficient and robust solution designed for large-scale brick production. It harnesses the power of a tractor to simplify the clay molding process, ensuring uniform and high-quality bricks with minimal labor. Built with durability and productivity in mind, this machine is ideal for rural & industrial brick manufacturing, offering cost-effective and eco-friendly operations.

ELECTRIC OPERATED CLAY BRICK MAKING MACHINE- STATIC MODE



The Electric Operated Clay Brick Making Machine (Static Mode) from Kalyan Agrotech works step by step to make brick-making easy. First, clay, soil, and water are mixed properly to form soft, workable clay. Next, the clay is fed into the machine's mold. Then, the machine is switched on, and it presses the clay into uniform bricks. Finally, the bricks are removed and left to dry or cure. The static mode keeps the machine in one place, making it stable, easy to operate, and perfect for producing consistent, high-quality bricks with less labor.

KEY FEATURES

- **Electric Powered Operation** – Ensures smooth, consistent, and energy-efficient performance.
- **Static Model Design** – Provides stable operation with precise brick shaping and uniform size.
- **High Output Quality** – Produces durable, strong, and uniform clay bricks.
- **Low Maintenance Requirement** – Simple design reduces breakdowns and operational costs.
- **User-Friendly Operation** – Easy to operate with minimal training and less manpower.

The **Electric Operated Clay Brick Making Machine – Static Model** is designed for reliable and efficient brick production. Powered by electricity, it offers consistent performance, uniform brick quality, and minimal manual intervention. Its static design ensures precise molding, low maintenance, and durability, making it an excellent choice for small to medium-scale brick manufacturers.

SOIL GRINDER MACHINE



The soil grinder machine by Kalyan Agrotech works in a few simple steps. First, soil or coal is loaded into a hopper, which holds the raw material before processing. The conveyor belt then carries the material steadily toward the rotating blades, which crush it into small, uniform pieces. After grinding, the conveyor belt moves the crushed soil or coal into a collection bin. This setup not only makes the process faster and easier but also reduces manual labor, ensures a continuous workflow, and delivers evenly crushed material ready for further use.

KEY FEATURES

- **Efficient Grinding** – Ensures fine and uniform grinding of soil, coal, and other raw materials.
- **Conveyor Belt Integration** - Provides continuous feeding & discharge, improving productivity.
- **Durable Build** – Made with heavy-duty materials for long-lasting performance.
- **Reduced Labor Requirement** – Automates handling, minimizing manual intervention.
- **High Production Capacity** – Suitable for large-scale operations in brick and industrial sectors.

The **Soil Grinder** is a robust machine designed for efficient grinding and material handling. It finely grinds soil, coal, or other raw materials, ensuring consistency for brick and industrial applications. The integrated conveyor belt system enhances productivity by enabling continuous feeding and discharge, reducing manual labor, and saving time. Durable and easy to operate, this machine is ideal for high-volume processing needs.

CLAY MIXER MACHINE PUG MILL



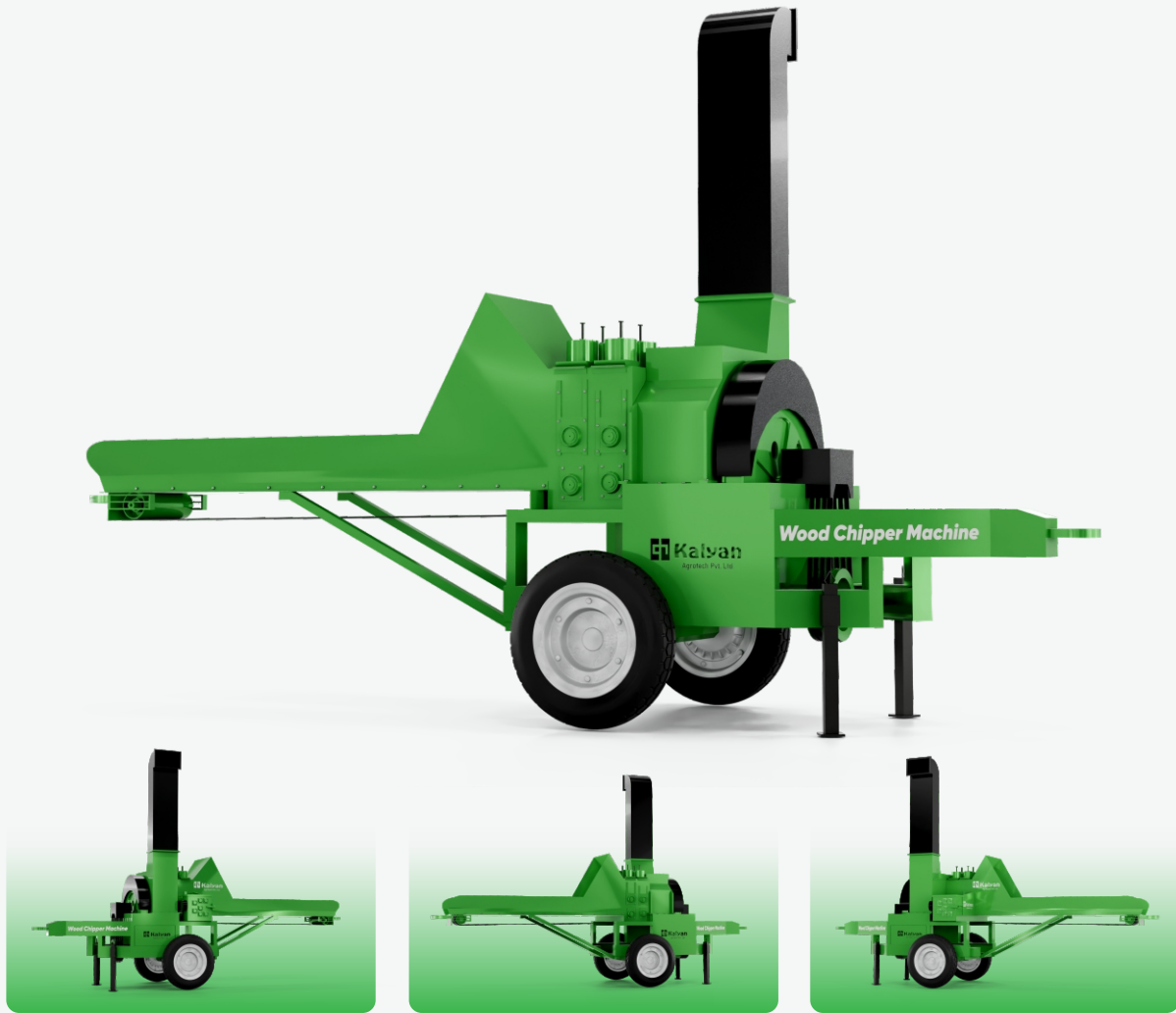
A clay mixing machine, also called a pug mill, from Kalyan Agrotech makes preparing clay for bricks or tiles simple & fast. First, it removes stones, debris, & other impurities from the soil. Then, clay, soil, & water are added into the machine, where strong blades break big chunks into smaller pieces & mix everything evenly. The machine also adds extra water if needed & removes air bubbles, making the clay smooth, soft, & ready to use. In the end, it produces clean, well-mixed clay that can easily be shaped into bricks or tiles, saving a lot of time & effort compared to doing it by hand.

KEY FEATURES

- **Efficient Mixing** – Thoroughly kneads clay, ensuring uniform texture and consistency.
- **Air Pocket Removal** - Eliminates trapped air, improving the quality of molded bricks.
- **Durable Construction** – Built with strong materials for long-lasting, heavy-duty performance.
- **User-Friendly Operation** – Easy to operate with minimal training and low maintenance.
- **High Productivity** – Enhances clay preparation speed, supporting large-scale brick and tile production.

The **Clay Mixer Machine / Pug Mill** is an essential piece of equipment for brick & ceramic industries, designed to mix, knead, & homogenize clay with precision. It ensures uniform consistency, removes air pockets, & improves the plasticity of clay, making it ideal for high-quality brick & tile production. Its durable design, easy operation, & efficiency make it a reliable choice for both small and large-scale manufacturers.

WOOD CHIPPER MACHINE



The Wood Chipper Machine by Kalyan Agrotech works in a few simple steps. First, branches, twigs, or wood waste are put into the hopper. Then, sharp blades inside the machine cut and chip the wood into small pieces. Finally, the chipped wood comes out into a collection bin. This makes the process fast, easy, and saves a lot of manual work.

KEY FEATURES

- **Efficient Cutting & Shredding** – Converts wood into uniform chips or sawdust quickly.
- **Durable Blades** – Built with strong steel blades for long-lasting performance.
- **High Productivity** – Handles large volumes of wood with ease.
- **Eco-Friendly Use** – Supports recycling for biofuel, compost, and sustainable practices.
- **Easy Operation** – Simple design requiring minimal training and low maintenance.

The **Wood Chipper Machine** is designed to cut and shred wood into small, manageable chips or sawdust. Widely used in agriculture, biomass, and wood processing industries, it helps in recycling waste wood, preparing raw material for paper, particle boards, biofuel, and composting. With durable blades and high efficiency, this machine reduces labor, saves time, and promotes eco-friendly operations.

COAL CRUSHER MACHINE



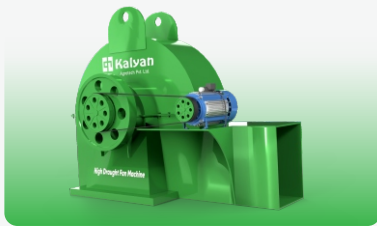
The Kalyan Agrotech Coal Crusher Machine is used to crush large coal pieces into smaller uniform sizes for easy handling efficient burning and industrial use in power plants and industries applications.

KEY FEATURES

- **High Crushing Efficiency** - Delivers fast & uniform coal crushing for smooth industrial processing operations.
- **Strong Durable Build** - Made with heavy-duty materials ensuring long-lasting performance & reliability in tough conditions.
- **Low Power Consumption** - Designed to reduce electricity usage while maintaining high output & productivity levels.
- **Easy Maintenance Design** - Simple structure allows quick servicing and minimal downtime during machine operation.
- **Industrial Application Use** - Perfect for power plants, cement factories, & coal processing industries requirements.

The **Coal Crusher Machine** is designed for high efficiency & durability in heavy-duty operations. It offers powerful crushing capacity to reduce large coal pieces into uniform sizes. The machine ensures low power consumption, smooth performance, & minimal maintenance requirements. Built with robust materials, it provides long service life and reliable operation. It features easy installation, safe usage, and high productivity, making it ideal for industrial applications like power plants, cement industries, and coal processing units.

HIGH DRAUGHT FAN MACHINE



A High Draught Fan Machine from Kalyan Agrotech is designed to create strong airflow for efficient combustion & heat circulation in brick kilns & industrial furnaces. It helps maintain proper temperature & removes smoke, dust, & harmful gases from the production area. The machine works by generating high-pressure air through specially designed blades & a powerful motor, ensuring continuous airflow throughout the kiln system. Its heavy-duty construction, energy-efficient performance, & smooth operation make it ideal for large-scale brick manufacturing and industrial heating applications. By improving combustion efficiency & reducing fuel wastage, the High Draught Fan Machine increases productivity while maintaining a cleaner and safer working environment.

KEY FEATURES

- ▶ **Powerful Airflow** – Generates strong draught for efficient combustion & heat distribution.
- ▶ **Energy Efficient** - Reduces fuel consumption by maintaining proper air circulation.
- ▶ **Heavy-Duty Construction** – Built with high-quality materials for long-lasting industrial performance.
- ▶ **Low Maintenance** – Designed for smooth operation with minimal servicing requirements.
- ▶ **High Productivity** – Enhances kiln efficiency & supports continuous brick production.
- ▶ **Reliable Performance** – Ensures stable airflow even during long working hours.

The **High Draught Fan Machine** is an essential industrial equipment used in brick kilns, furnaces, & heating systems to maintain proper airflow & combustion efficiency. It is engineered to deliver powerful air circulation, improve fuel burning, & ensure smooth kiln operations. Its durable body, high-speed performance, & energy-efficient design make it suitable for continuous industrial use.

At **Kalyan Agrotech Pvt. Ltd.**,
we manufacture reliable &
heavy-duty machinery
for brick kilns & clay processing units.



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