



COMPLETE MACHINES AND SYSTEMS FOR CERAMIC TILES

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About Us

JAYGANESH MACHINERY PVT LTD is a diversified company that specialized in fuel efficient ceramic machinery design, manufacture and sales. Since its establishment, JAYGANESH has been adhering to the business philosophy of “Unceasing exploration & innovation and unchanged integrity & quality”.

After years of development, JAYGANESH supplies a full series of tile manufacturing equipment with variety of product types to international and domestic tile manufacturing clients.

Our Workshop is located at RANGPAR, Nr PARCOS VITRIFIED-MORBI, GUJARAT (INDIA).

JAYGANESH MACHINERY is specializing in designing, manufacturing and installing roller kiln and dryer that can produce SLAB TILE, FLOOR TILE, WALL TILE & ALL TYPE OF GVT/PGVT TILE with remarkable fuel efficiency and durability.

With experience of more than 25 years, JAYGANESH is leading company in MORBI for its great customer satisfaction and Incompatible after sales service. Our kilns can be equipped with devices designed to ensure heat recovery, energy saving and cost cutting.

QUALITY:

Our kiln ensures the highest percentages of first class products and minimizes waste. Quality and zero defects whatever the working conditions.

LOW CONSUMPTION:

With innovative burners, precision adjustment and controls, our kiln is big on making consumption small.

ENERGY SAVING:

It's possible to recover the cooling air to run a multi-layer dryer or recover heat from fume chimney by using a heat exchanger.

FLEXIBILITY:

Consistency and repeatability under all working conditions, lower consumption and maximum manufacturing versatility thanks to new digital set-ups.

SUSTAINABILITY:

Our kiln adopts solutions that reduce environmental impact by incorporating systems to reduce organic and inorganic compounds contained in the fumes.

FUTURE-PROOF:

Environmental engagement to reduce the CO2 emissions. Two ongoing research paths: Electricity and Hydrogen, also mixed with methane.

PRODUCT LIST:

➤ ROLLER KILN

- Single layer roller kiln
Double layer roller kiln
- Single layer dryer
Double layer roller dryer
- Five layer dryer
- Seven layer dryer

➤ ROLLER TABLE

- Timing belt roller table
- Driving system roller table
- Press feeding table
- Five/seven layer table
- Elevator(for multilayer dryer)
- Compositor

➤ **Single layer roller kiln**

In the latest JAYGANESH digital kiln, through the kiln management it is possible to monitor accurately all the data relating to temperatures, flow rates and the air-gas ratio for each set of burners.

The user can, for each zone, also set the desired maximum and minimum air flow rate to limit the working range of the burner set. When there's a product changeover the kiln automatically readjusts to provide the air/gas ratios set on the recipe.







➤ Single layer dryer



➤ Five layer dryer

- Designed to draw on thermal energy retrieved from the kiln. Very low consumption, reducible to zero on the "0 Fuel" version.
- Compact machines require little space and ensure high productivity. They also offer outstanding flexibility and adapt smoothly to all manufacturing needs.





➤ Timing belt roller table



➤ Five layer table





➤ Elevator (for five layer dryer)





➤ COMPOSITOR

