

BRICKS
SINCE 1908



Bricks

We are today the only company mastering the design, manufacturing and installation of the entire plant without subcontracting any part of it.

A complete range of clay processing machines, from quarry to preparation, aging storages, extrusion and tile pressing of any fired clay product, handling machines (automatic lines), dryers and kilns. Bedeschi can supply a full set of services from the simple machine to a complete “turnkey” green field installation.



The Company

Founded in 1908, Bedeschi provides effective and reliable products in a wide variety of industries (bulk handling, container logistics, bricks) offering complete turn-key solutions for different product lines.



**BULK
HANDLING**



MINING



MARINE



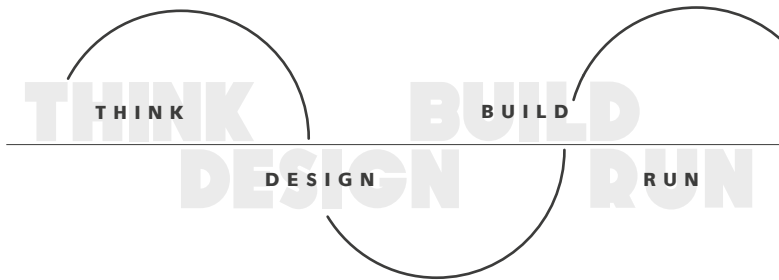
**CONTAINER
LOGISTICS**



BRICKS

LIMENA | THE COMPANY

Limena, close to Venice, in the North-Eastern part of Italy hosts the Company headquarters and the biggest manufacturing facility (the other being in Bergamo). Main mechanical components are manufactured in the state-of-the-art automated Company workshops in order to always keep the highest quality and consistency in our deliveries. While the main functions are coordinated from the headquarters, the other branches (Bergamo, Genova, Miami, Kansas City, Dubai, Moscow and UK) assure prompt and effective services.



**We assist you
from the very
beginning for
the entire life of
the project and
over!**

TAILOR MADE SOLUTION

We cover each step of the project execution from the feasibility study and basic design to the assembly, installation, start up and for any need after commissioning, while the plant is in operation. We still proudly offer a tailor-made solution for our Customers. Optimizing investment returns means well-designed installation and innovative mechanical solutions. Our products rate best in the market in terms of energy consumption operational costs and pollution control, as a result of our commitment to environment protection.



Forterra

UNITED KINGDOM

Forterra's green commitment pushes to choose Bedeschi as supplier for the new plant in UK that will be the largest and most efficient in Europe, producing 180 million bricks per year and significantly reducing the carbon impact of each brick manufactured on the site compared with the current standards. The supply consists of a fully integrated in-house solution from clay preparation, extruding, drying, firing, up to the packaging line. Bedeschi engineers with the utmost care and attention to minimum power consumption and exhaust emissions.

The plant will be built using the most advanced technologies, state-of-the-art automation, with particular focus on world class manufacturing techniques and class leading environmental technologies. The plant is expected to be fully operational by the end of 2022 and will increase the overall production capability of Forterras brick division by 16%.



PRODUCT | **Brick**

PLANT PRODUCTION | **180.000.000 bricks/year**



Lyman Group

INDONESIA

Lyman is the leading Indonesian group in the production of roofing materials and recently has installed a new roof tile plant. Bedeschi was awarded the supply of a completely new mono-layer self-standing tunnel kiln. The project developed by Bedeschi engineering team tries to meet the needs for the uniform firing as required by the high standards of the final client. For this reason innovative solutions linked to the placement and type of the burners installed have been studied, permitting optimal management of the flows inside the kiln.

Moreover thanks to the load types which make separation of the material possible, optimal surface quality and a reduction in firing cycle and consumption have been obtained. The kiln can obtain a significant production with a 16-hour firing cycle due to its dimensions.

Working at high temperatures the kiln is able to guarantee different colour requests. The supervision and control system is fully-automatic.



PRODUCT | Flat tiles

PLANT PRODUCTION | 1.200.000 pcs/month

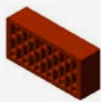


Revdinskiy Kirpichnyy Zavod

R U S S I A

Bedeschi S.p.A. supplied and successfully commissioned a green field “turn-key” plant for the production of 60,000,000 pieces/year of facing bricks and structural blocks to UGMK, the Russian steel giant.

The plant represents the latest state of the art installation for the Russian market including finest milling lines, energy saving dryer and kilns with “greenest” technology for emissions and dust control. Sophisticated integrated factory control systems allow the complete control of the factory operation from local or mobile to the plant management and the remote troubleshooting or fine tuning of Bedeschi engineers from Italian headquarters.



PRODUCT | Facing brick

PLANT PRODUCTION | 60.000.000 nf/year

PRODUCT | Poroton block

PLANT PRODUCTION | 100.000.000 nf/year



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