





Who we are

Based in Carugate (Milan area), **STUDIO TECNICO APPIANI** is an Italian leading Company, entirely controlled by Mr. Salvatore Appiani, offering a worldwide turnkey solutions of rice hydrothermal processing plants. The Company can rely of a team with a consolidation worldwide experience in rice hydrothermal processing plants (Parboiled) and can now offer new solutions to process a wide range of cereals. For over than 10 years, our Company has projected his activity of internationalization by signing commercial and technical cooperation agreements through own offices located in strategic areas such as

Asia (South East Asia), Central and South America, China and Brazil.

Starting from this current year, thanks to the support of Government and private institutions, we are also approaching into the African market.

We are oriented towards a technological progress, respecting the natural resources and cultures of the countries where we are located. We work for the growth and the development of the communities where we operate, sharing our knowledge with them and to contribute responsibly to preserve their cultural and environmental heritage.



Our value

We always linked the objectives with the missions, dedicating competences and seriousness, to propose **optimal solutions for each Customer** who rely on us to study, to develop new production processes, for new installations and for the optimization of the production and logistics cycles, for the redevelopment and for the renewal of its supply chains.

We have been always careful to propose the most advanced technologies and suitable for increasingly demanding markets, committing ourselves to guarantee the quality of the product offered by diligently following each operation, from the study of the project to the planning and feasibility of each component, up to the constructive development of the same, until on-site testing.





Our activities

Engineering, design, manufacture, construction and turnkey installation of cereal hydrothermal processing plants, are the main activities of our Company, which placed on the world market mainly with four technologies and a pilot plant:

GAT – Gariboldi Technology

VBT – Vertical Batch Technology

VCT – Vertical Continuous Technology

HCT – Horizontal Continuous Technology (suitable for brown rice and other cereals)

LAB – Laboratory Unit

Thanks to our plurennial experience, we are able to offer the following services:

- Technical feasibility and financial studies for new installations
- Optimization of production and logistic cycles
- Requalification and renewal of industrial processes
- Studies and design of industrial machines
- Design and financial feasibility for energy recovery
- Design and financial feasibility for rice husk and other biomasses





Our new products

Strong of our worldwide experience and following our Customer's suggestions, during the last years, we inserted on our main activities two new sections:

CEREAL PRECOOKING LINES

To meet the more and more demanding market requirements and to support our Customers to improve their margins with valued added products, we have developed a new hydrothermal processing line, designed to produce pre-cooked cereals such as spelt, oat, barley, wheat, bulgur, quinoa, sorghum and pulses. This technology guarantees to our Customer a high production flexibility and allows managing each production step in a fully

automated system for highest finished product quality.

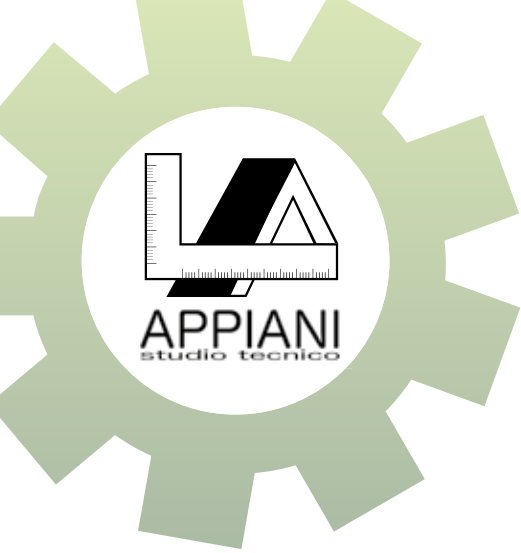
QUICK COOKING RICE

In cooperation with the most strategical university institutes, we studied and we developed a new generation line fully automated to produce Quick cooking rice (easily called QCR).

The final goal for our Company is to provide to the final user a product (using raw material available on the market) whose cooking time can vary from 4 to 8 minutes.

Very different times from the standard cooking times of the cereals, safeguarding and maintaining a very high quality standard, guaranteeing the nutritional values typical of the parboiling rice.





Research & Development

To meet the more and more demanding market requirements, our Company has installed a **pilot plant** suitable for testing of hydrothermal processes for rice and other cereals. The use of this laboratory allows us to offer always-innovative solutions and to optimize in detail the quality and the performance of our plants by processing multiple varieties of products.

Flexibility, innovative solution, research and development aimed to continuously improving the quality of the performance of our equipment, are the strategies allowing us to succeed all over the world for rice processing plants.

Quality

Our Company and all the outsourcing companies, currently operate according to **ISO 9001 certification**. Each phase starting from the design until to the construction and testing are performed following the most demanding international standards: **PED, ASME, EN, DIN G**



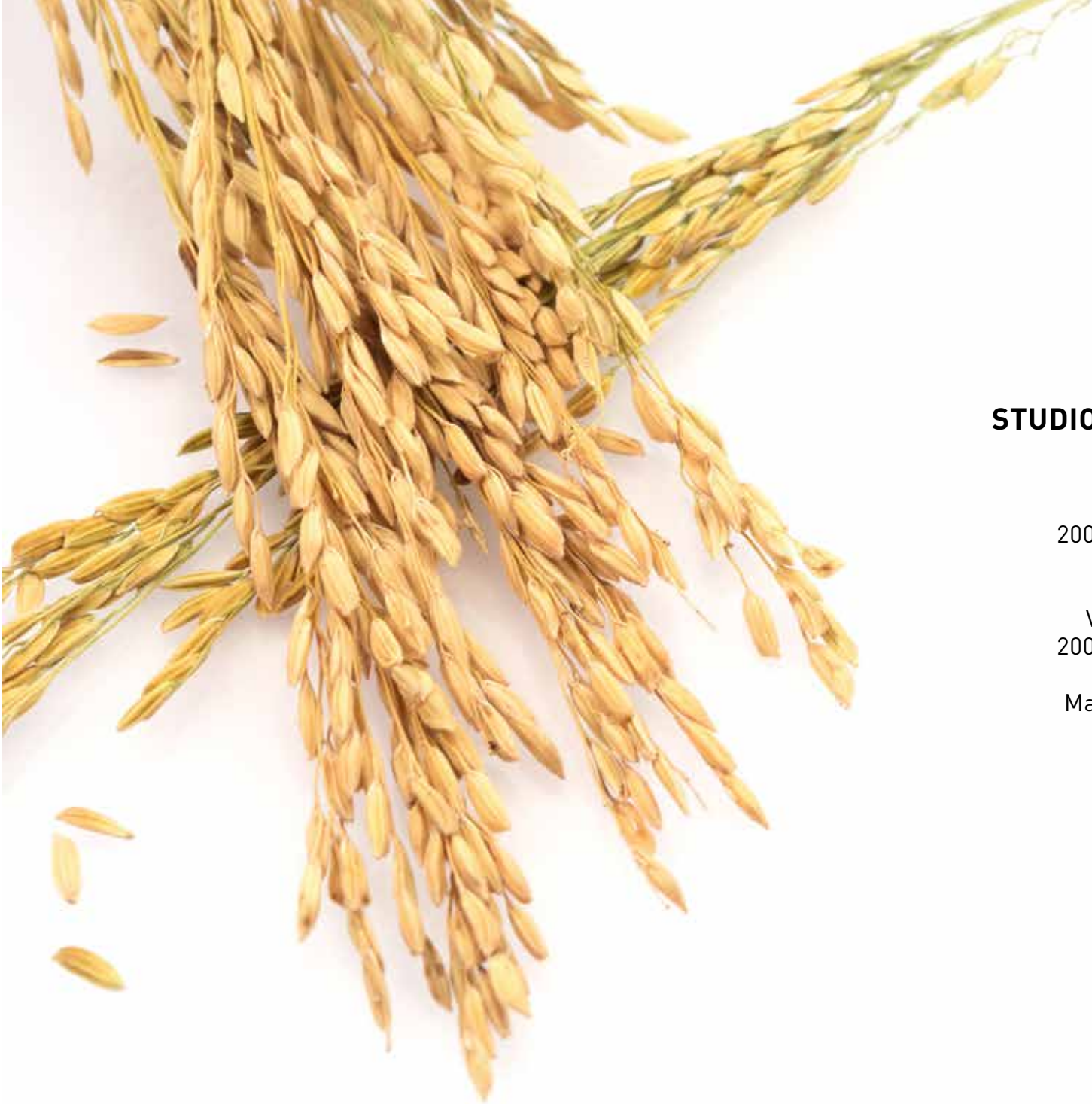
Our worldwide references



REFERENZE
PRINCIPALI
DI INSTALLAZIONE
IMPIANTI:



GIVE VALUE



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