

PRESSES, MOULDS & PUNCHES
DESIGN & PRODUCTION
THROUGH UP-DATED TECHNOLOGIES

COMPANY

We are professionals and designers in the branch of custom-made machineries.

J&C TECHNOLOGY S.r.L., established on 18/09/2019, by **Cristiana and Jonathan**, 3rd generation of the founder family, **Ponzoni**, is the follow up of the original company LEMA S.r.l., well-known in the market since 1949 as **producer of moulds and hydraulic presses**.

Both companies are located with production & offices in **Albavilla (CO) - Italy**, about 50 km. north from Milan and from its Malpensa airport.

Cristiana and Jonathan, Mr. Pierluigi Ponzoni's daughter and son, are respectively Financial Director and General Manager of J&C TECHNOLOGY S.r.l., **specialized in products' supply for processing of ceramic, technical ceramic, tableware, glass powders and bricks**.

Due to LEMA's previous long-terms know-how in hydraulic presses' production, J&C TECHNOLOGY is now specialized in producing **moulds** for every type of press, currently available in the worldwide market and **hydraulic presses**, from a min. capacity of 5 tons up to a max capacity of 620 tons., able to satisfy the production request for **special pieces and small production lots of standard pieces**.

J&C TECHNOLOGY regularly supports its customers with a **careful pre and post-sales service**, developing tailored made projects, ensuring its presence and its **professional skills** from the **installation and start-up time** to the **constant maintenance** of its industrial machines.

MISSION & VISION

J&C TECHNOLOGY proposes itself to the customers as the most suitable technological partner for design and construction of hydraulic presses for powders' compaction, in order to guarantee considerable improvements with a view to an evolution in the production and technological process.

In this project J&C TECHNOLOGY supports each customer, constantly up-dating the standard level of its machines, improving them in efficiency and in production quality.

WHY CHOOSING J&C TECHNOLOGY



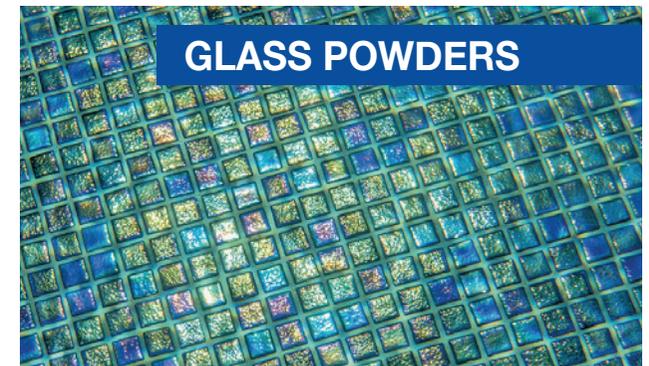
- ✓ Commitment and fastness in the development of the requested project
- ✓ Precision, punctuality and respect for the engagements agreed
- ✓ High standards of machinery efficiency
- ✓ Constant technological updating of the product

INDUSTRIES

INDUSTRIAL APPLICATIONS

Dry-pressing process production is able to create semi-finished products addressed to a variety of application fields very transversal from one to the other. From **standard ceramic for tiles** to high performing **technical ceramics**. From tableware with ceramic powders compaction for the production of **dishes** to glass powders suitable for wall and flooring **glass mosaics** up to niche **artistic creations**. From sintered components for **automotive** or **heating systems** to new metal and non metal powders such as quite original tungsten powders, used in the **jewellery** and **watches production**.

These are just some few examples of the possible applications of the components, that can be produced and shaped by dry pressing powders process. With pleasure we will help you to make your projects becoming true thanks to our inside designing and technical service support.



TAILOR MADE SOLUTION

TAILORED MADE PRESSES

Always available to satisfy customer's productions requirements, **J&C TECHNOLOGY** is the **most suitable partner** for designing and producing:

**CUSTOMIZED AXIAL HYDRAULIC PRESSES,
STANDARD HYDRAULIC PRESSES,
PROTOTYPES & FULL TURN-KEY PROJECTS.**

Thanks to a **customized engineering project** J&C TECHNOLOGY is able to guarantee the **maximum design versatility** with an **excellent quality-price ratio**, installing its equipment in unexpected application branches.

Processing for **technical ceramics, dishware, glass powders and bricks** are currently the manufacturing branches with greatest J&C TECHNOLOGY equipment's demand.

However J&C TECHNOLOGY does not miss to carry special equipment for artistic or pure design applications for interior and exterior architecture out.

Following to each project, J&C TECHNOLOGY carefully collects customers' needs and thanks to the cooperation with **top qualified technicians and engineers**, is able to propose suitable tailored made solutions: from the first approaching evaluation up to the project with technical attachments such as interesting **3D simulations**; from production with all its processing tests up to installation and start-up of the plant.



PRESSES

J&C TECHNOLOGY, manufacturer of **TAILOR MADE PRESSES & MOULDS** guarantees to its customers **excellent quality results**, thanks to the presence of **highly qualified staff for engineering and design**, carried completely inside the company out and thanks to years of collaboration with the most prestigious worldwide recognized companies.

The **close partnership** with our customers has been helping us to better develop our design and **production capabilities** and thus to reach such **technical-qualitative action** levels that we can produce **hydraulic presses** for compacting **clay, ceramic material, glass, rubber, resin and other types of standard or atomized powders**.

Thanks to their **design versatility**, J&C TECHNOLOGY's presses are used by laboratories and manufacturers for a great variety of items, with **pressing forces of a min. 5 tons to a max of 620 tons**, necessary for pressing ceramic powders.



HYDRAULIC PRESSES suitable for:

**TECHNICAL CERAMIC
CERAMIC
GLASS POWDERS
BRICKS
DISHWARE
RUBBER / RESIN**

MOULDS

Over **60 years of design and production of moulds and punches** permit J&C TECHNOLOGY to guarantee the pressing of pieces, requiring different powders' distribution in various pressing steps: necessary condition for obtaining, after firing, a top quality product.

J&C TECHNOLOGY uses the **best materials** on the market for the production of **moulds of all shapes and sizes**, duly designed for being equipped at **any press type**.

J&C TECHNOLOGY's moulds, equipped with **latest generation solutions** to ensure faster punches' replacement, permit the pressing of **special pieces, trims, mosaic, bricks, dishware, insulators, biomedical and decorative products**.

MOULDS EXAMPLES

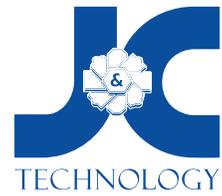


ENTRY PUNCH MOULD

ENTRY REVERSE PUNCH MOULD

UNIVERSAL BASAMENT





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