





Artimpianti Srl

Our core business is gravity casting technology: we work alongside the customer 360°, from the liquid metal to the casting finish.

Artimpianti Srl is an engineering and manufacturer of complete systems for the complex technology of aluminum foundry. Our manufacturing facility is located in Italy, and we have cooperation in Mexico and in India, thereby being able to serve multiple continents.

We can offer solutions/systems to meet all foundry needs: from single machines operated manually to highly automated turnkey solutions. We create complete lines and cells with over 86% OEE and availability at 95%: automatic casting lines, modular, flexible and with a quick change of production, decoring machine, sand conveyor lines, pre-finish and finishing lines or cells.

OUR VALUES

our everyday guidelines

To listen to the customer, to work in harmony with them and to understand their needs.

To tap into our experience to propose solutions and to implement the required projects.

To stay grounded and yet to be ready and effective in an emergency.

To be partners of customers to help achieve the objectives, in harmony with the personnel and corporate culture.

We aim to achieve a prominent position in the automation market for foundries with wider global presence.

We aim to become a benchmark in the aluminum foundry industry for advanced applications, where innovation and the development of cutting-edge solutions is crucial.

To be both a large and small company, with high flexibility, speed, quality and availability: features that allow us to obtain the trust of customers, becoming their first choice.

OUR MISSION

OUR VISION



heART inside
we put our heart in everything we do!

- .01 **To consider the customer, and their satisfaction, the centre of our work and of our strategies.**
- .02 We offer maximum support and possible flexibility, also during the work.
- .03 We create a high-quality standard product and with the added value of the latest technology.
- .04 Every day we design innovative, flexible and ergonomic systems.
- .05 We involve the technical department engaged in research and development, the design staff, sales and after sales service: we promote the internalisation of activities (we adequately unite and train internal resources).
- .06 We consider people as the main resource to achieve adequate competitive levels, including through continuous training investment.
- .07 We involve all workers in strategic and production decisions.
- .08 We operate with an efficient high-quality after-sales service with an availability of spare parts assured at all times.
- .09 We apply the SMED system (Single-Minute Exchange of Die) to the design phase as a core value of the systems sold.
- .10 We apply the P-M (Physical Phenomenon Mechanism Analysis) analysis in order to ensure a sufficient strength of the systems.
- .11 We want to make the use of our systems easy, combined with simple maintenance.

Numbers

Esperience

22 years
Constantly growing

RELIABILITY'

100%
Made in Italy

TEAM

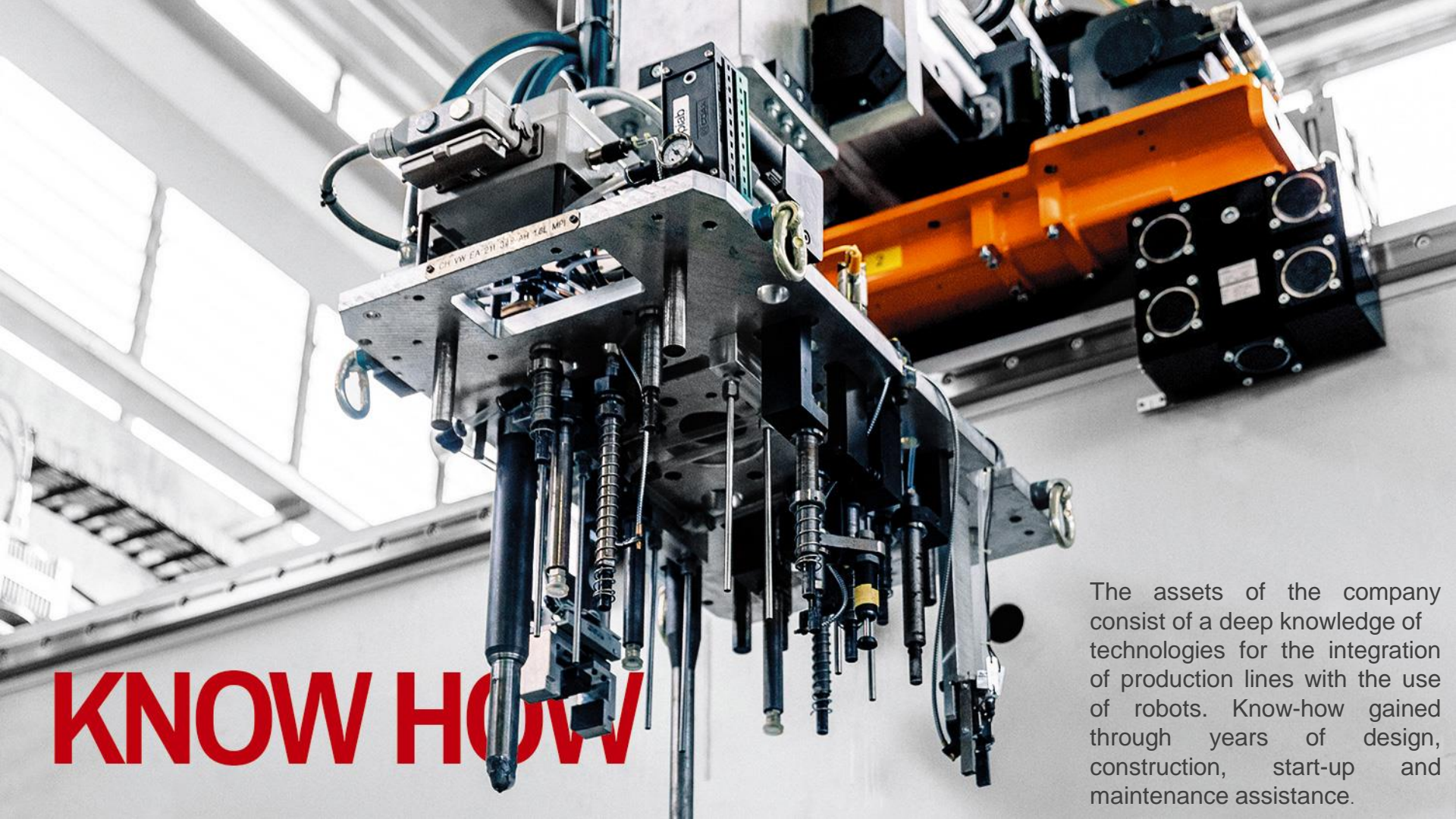
15
Employees

POWER

2,7 mln
Turnover

PRESENCE

2
foreign branches



KNOW HOW

The assets of the company consist of a deep knowledge of technologies for the integration of production lines with the use of robots. Know-how gained through years of design, construction, start-up and maintenance assistance.

FOUNDRY TECHNOLOGIES

Exspecialisation in solutions for aluminum foundry, Artimpianti Srl is a valid extremely reliable technology partner for the perience and design and the construction of highly automated systems. We create all processes ranging from molten aluminum to fusion, ready to be machined on CNC (casting, cooling, decoring, cutting, deburring), all always supplied with a “turnkey” formula. Our solutions are always flexible and customised according to requirements of the customer, product and area available.

We especially provide CUSTOM SOLUTIONS that, starting from the analysis of the current situation, aim to optimise the productivity of the foundry, in compliance with the latest safety regulations.

The proposed solutions integrate with each other with the aim of implementing existing plants, taking them from manual management of the process to semi-automatic, and then moving to advanced automation that is always “easy to use”.

- 1.1 GRAVITY
- 1.2 PRE-FINISHING MACHINERY
- 1.3 DECORING
- 1.4 CUTTING AND DEBURRING
- 1.5 DIE-CASTING AUXILIARY SERVICES
- 1.6 LOW PRESSURE AUXILIARY SERVICES
- 1.7 SPECIAL MACHINES AND PROCESSES
- 1.8 HANDLING

INDUSTRIAL AUTOMATION

Regardless of the type of application, Artimpianti Srl is able to engineering and build a single unit or a system that is able to meet your needs by automating the various production processes.

2.1 ROBOTIC AND HANDLING CELLS

- Robotic cells islands and/or cells for industry in general
- Complex and certified processing lines
- General robotic product industrialisation systems

2.2 SPECIAL MACHINES FOR

- The railway sector
- Paper
- Rubber
- Wood
- Recycling and recovery
- Plastics
- Brakes
- Stone

INNOVATION

our resource

RESEARCH AND DEVELOPMENT

**We never stop, technological advancement is continuous.
We have created an internal structure dedicated to Research and
Development that studies new models of mechanisation.**

The aim of this activity is simplification of the usual working processes, through solutions that autonomously optimise productivity and quality, computerising the production cycle and achieving significant economies of scale which would otherwise be impossible.

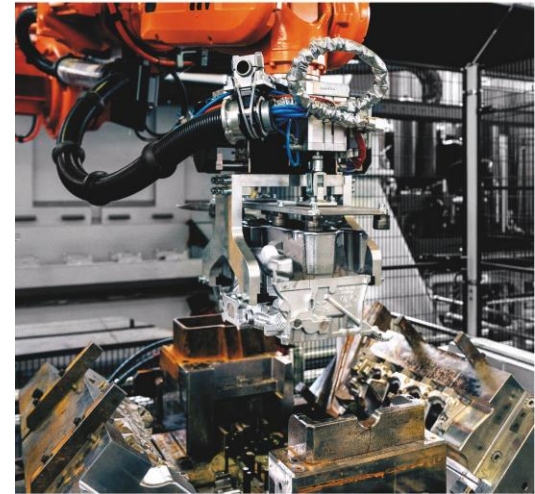
As such, the systems become “smart” and, consequently, it is possible to re-allocate more efficiently the operations of the personnel employed.

PLANNING AND DESIGN

In addition to the internal resources who are perfectly able to respond to all the needs of the engineering phase, we have a network of specific contacts needed to resolve exceptional contingencies dictated by technology and the market.

We search for the most suitable solution for the customer always considering their current status and the degree of pre-existing automation.

Each order results in a “customised” solution, suitable, solely and exclusively for that customer.



OUR SERVICES

a prestigious partner

.01 CONSULTANCE AND DESIGN

The pre-analysis is followed by the actual design (3D Solid Works and 2D Autocad). We evaluate whether to build a machine on the basis of models that have already been created in the past, with appropriate customisations, or whether instead to create installations completely ex-novo and customised.

Today we are part of the process of the INDUSTRY 4.0 evolution with regard to automation and computerisation of production. In fact we design production lines that are able to automatically reconfigure themselves to optimise productivity and quality.

.02 PROJECT MANAGEMENT

Respecting the objectives, quality, times and budget of a project is crucial for competitiveness and corporate profitability. We manage the life cycle of the project, from start to closure, with real benefits for your business: appropriate tools, minimal waste, team motivation, operational efficiency, organisational flexibility, focusing on results.

.03 REGENERATION AND MODERNISATION OF SYSTEMS

We have gained extensive experience in the review of old systems and individual machines. We are able to implement new technology systems in place prior to the current regulations, increasing productivity, safety and efficiency. Recovery and modernisation involves a strong respect for the history of the plant and for those who have worked there. We are proud to restore life to lines that for so long have provided employment and social growth in many households, and similar it is an honour to see plants considered obsolete return to producing the equivalent of completely new lines.

.04 STAFF TRAINING

With the supply of machinery, of the cell or the full line we always offer a theoretical and practical staff training program on site. The instruction is based on the user manual and takes place at several times. During commissioning and throughout the initial days of work, our engineers and specialists work alongside the company personnel.

.05 AFTER SALES AND SPARE PARTS

We offer a Customer Support Service with trained and competent personnel. We are available for any needs with timely interventions both remotely and on site. We also provide a rapid spare parts service, thanks to a well-stocked and efficient warehouse.

.01 TECHNICAL KNOWLEDGE

Our team of engineers in Italy, Mexico and in India knows the main technical standards (UNI EC FMEA OEE) and realize engineering with Solid Works, AutoCAD, Robot Studio. The automation team develop PLC software with Siemens, Allen Bradley, Mitsubishi and robot program for Comau, ABB, Fanuc, Kuka

The team is always focused on the development of engineered turnkey solutions that:

- help reduce the mechanical components and their maintenance
- increase the ergonomics of operators
- support production
- ensure the availability of spare parts.

.02 SKILLS AND COMPETENCES

Our welders are specialised in the WPQR (Welding Procedure Qualification Record) process. In addition, the quality team is skilled in for Control Plans, Process sheets, SWI, SPC, APQP, CpK and PFEMA.

.03 WE WORK WITH CUSTOMERS

We have worked alongside our customers to satisfy the real need. We have recently implemented important projects and acquired the know-how in automation of foundry processes. We have increased the ergonomics of the employees of customers and the OEE of production machines. The design of machinery and systems takes place using advanced methods such as SMED. Our commitment is to always go "hand by hand" with customers throughout the chain.

WHY CHOOSE US?

perfection is in the details



.04
DELIVERIES
IN JUST-IN-TIME LOGIC

The Artimpianti Srl machine always have spare parts in stock ready for immediate delivery. We have always offered a service of support and maintenance with response within 24 hours.

.05
MINIMUM
MAINTENANCE

Our projects are designed to reduce maintenance costs and plant downtime.

.06
TURNKEY
SOLUTIONS

We provide turnkey solutions that make our products "plug and play" immediately operational in customer lines (pre-mounting, operation tests, programming).

.07
AFTER
SALES

We guarantee total reliability of the product, providing the best after sales service, including maintenance and technical support.

.08
SAFETY

We ensure the highest safety standards in all our projects, both for new plants and for reconditioned lines.

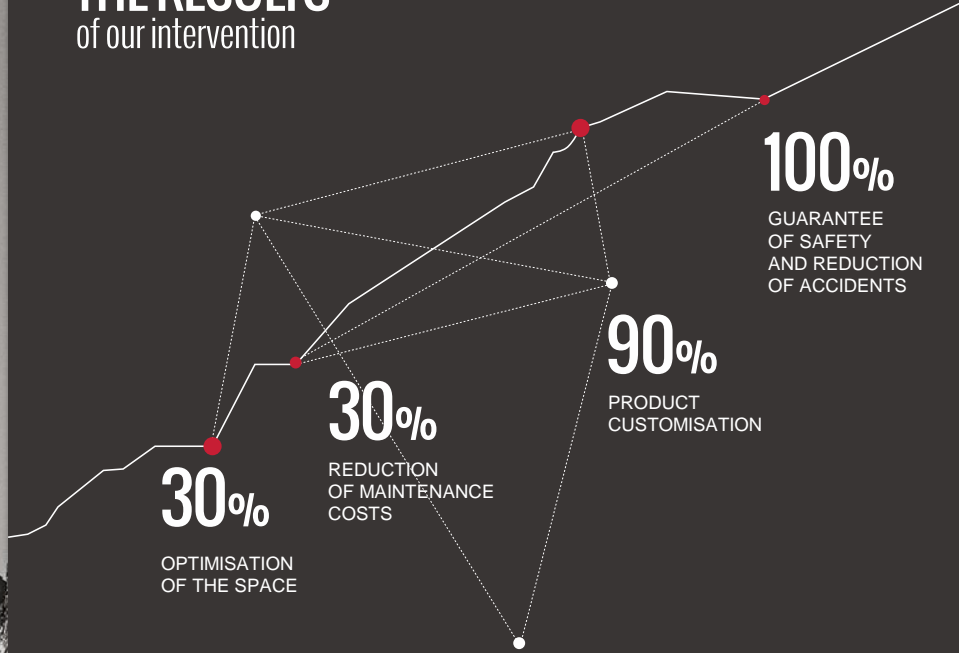
WHY CHOOSE US?
perfection is in the details



Talking about numbers means maturing them every day, they are the evidence of steps taken every day to reach increasingly ambitious targets.



THE RESULTS of our intervention



30%

OPTIMISATION
OF THE SPACE

30%

REDUCTION
OF MAINTENANCE
COSTS

90%















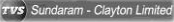














PRODUCT
CUSTOMISATION

100%

GUARANTEE
OF SAFETY
AND REDUCTION
OF ACCIDENTS

NUMBERS ALSO HAVE A SOUL,
BEHIND THEM ARE ALWAYS
HIDDEN PEOPLE, IDEAS, PASSION
AND DETERMINATION THAT
MOVE ALL THE GEARS
OF THE COMPANY MACHINE,
FROM THE SMALLEST TO THE LARGEST
AND THAT PUSH THE COMPANY
TOWARDS EVER HIGHER GOALS.

Some of our customers

TOGETHER IS BETTER



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he**ART** inside
we put our heart in everything we do!



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