





INNOVATION
RESEARCH & DEVELOPMENT
GREEN TRANSITION

RIFIMPRESS HAS BEEN SPECIALIZING IN DIE-CASTING IN MAGNESIUM AND ALUMINUM ALLOYS FOR OVER 40 YEARS.

When Beniamino Pelucchini founded the company, he knew that enthusiasm and hard work would not have been enough to compete in such a complex and continuously evolving market. This is why he decided to make innovation, customer care, and market knowledge the foundation of the company.

These values have been embraced by his daughters, Luana and Maila Pelucchini, who brought a fresh approach and new competencies and are now leading the company alongside the founder.



OUR PRODUCTION LINE



The foundry is the heart of production

Rifimpress has 10 modern DIE-CASTING MACHINES with a power range from 200 to 2200 tons, capable of producing parts weighing anywhere from a few grams to 15 kilograms.



The size of each machine depends on its closing force: the greater the closing force, the larger the components that can be produced. Features: robotic, capable of casting in both aluminum and magnesium, all equipped with centralized vacuum systems and temperature regulation units.

The melting furnaces are our show piece

In Rifimpress, the alloy melting process follows a specific procedure in which the alloy is melted in a dedicated furnace, then poured into a heated ladle and transferred to the degassing station.

Monitoring the temperature of the alloy and its chemical composition at each stage of the process is key to ensuring that customers receive high-quality raw material.



Rifimpress has 3 new furnaces dedicated to special alloys and a fixed degassing station with nitrogen and dedicated salts.

Given the specific oxidation characteristics of magnesium, it is melted directly in special holding furnaces that isolate the alloys and humidity from the air. All the ladles undergo a degassing process through appropriate systems.



POST-CAST FINISHING



SURFACE FINISHING, DEBURRING, SANDBLASTING, BURSTING, PAINTING AND MACHINING

9 CUTTING TOOLS
ranging from 25 to 50
tons

CLUSTER SAND
BLASTING MACHINE

BELT SAND BLASTING
MACHINE

IMPREGNATION:
2 surge tanks

AGING:
1 electric oven Tm
200°C



STARTING FROM 2024, IN-HOUSE MACHINING

WE CONTROL 100% OF THE ORGANIZATION AND BUSINESS

RIFIMEC SRL

1200 m²

Mechanical processing machines

Leakproofness test, assembly

CNC 800x800x800 mm

- MECHANICAL PROCESSING MACHINES
- LEAKPROOFNESS TEST
- ASSEMBLY



MANAGEMENT SYSTEM CERTIFICATE

Certificate no.: C115983 Initial certification date: 30 January 2025 Valid: 30 January 2025 - 29 January 2028

This is to certify that the management system of
RIFIMEC S.R.L.
Via Fornace, 4 - 40023 Castel Guelfo di Bologna (BO) - Italy

has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:
Mechanical processing, assembly and leak testing of metal parts according to customer specifications (IAF 17)



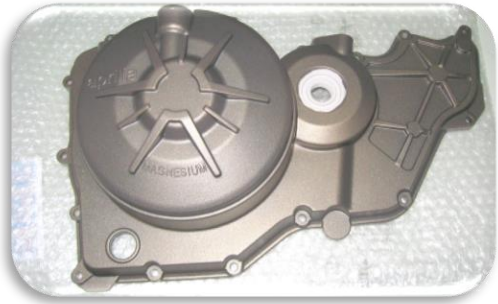
	LEGA	Rm	Rp	A%	HB	Tratt.
MAGNESIUM ALLOYS	AM 50	180-230	110-130	5-15	50-65	F
	AM 60	190-250	120-150	4-14	55-70	F
	AZ 91	200-260	140-170	1-6	65-85	F
	ALLOY	Rm	Rp	A%	HB	Tratt.
PRIMARY ALUMINIUM ALLOYS	Silafont - 36	250-290	120-150	5-10	75-95	F
		290-340	210-280	7-12	100-110	T6
	EN AC 43000	150	80	2	50	F
		220	180	1	75	T6
	EN AC 43500	250	120	5	65	F
	LEGA	Rm	Rp	A%	HB	Tratt.
SECONDARY ALUMINIUM ALLOYS	EN AC 46000	240-310	140-240	0.5-3	80-120	F
	EN AC 46100	265-295	155-195	1,5-2,5	85-100	F



MAGNESIUM

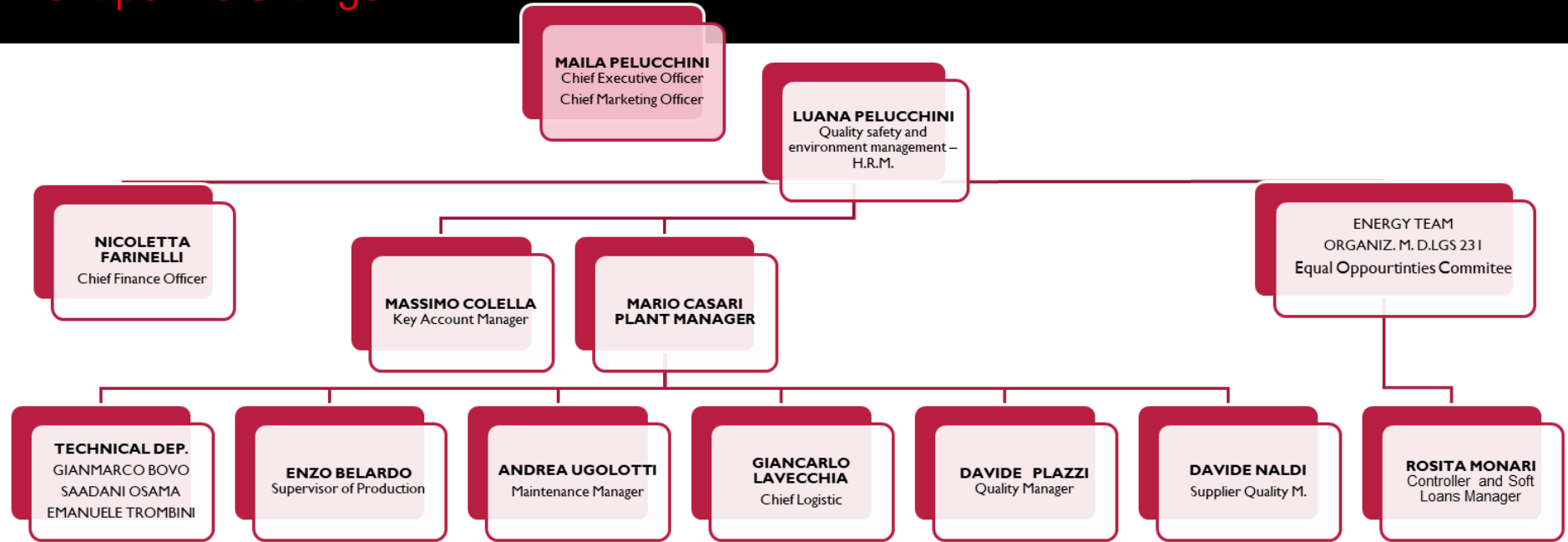
The reason why we focus on it

EXCELLENT MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES, WHICH MAKE IT STRATEGIC AND ECO-SUSTAINABLE



- Lowest density of all structural metallic materials
- High specific resistance
- Good heat dissipation
- Electromagnetic shielding (EMI shielding) and radio frequency (RF shielding)
- Excellent workability on machining tools
- Vibration absorption
- Ductility
- Good weldability in a controlled atmosphere
- Flexibility in component design
- Less wear on the moulds
- Complete recyclability. Magnesium can be recycled without any degradation of its physical properties, as often happens in plastic recycling. Furthermore, the energy required for the recycling process of magnesium alloys is less than that required by other metals and is equal to 4% of that needed for the production of the "virgin" alloy.
- Abundant in nature (magnesium is the eighth most widespread element on earth)





Distribution of responsibilities, leveling of hierarchies , new talents.

The new organization has merged the experience of historical collaborators to the ideas of new employees, and this has lead to a close-knit team of 86 people who work in the five areas and three departments of the company.

- Quality control
- Technical dept.
- Foundry
- Ovens
- Heat treatments and impregnation
- Trimming and finishing dept
- Machining and assembling dept.
- Workshop

OUR CUSTOMERS

Energy and Motivation to Keep Growing

Rifimpress works, both in Italy and in Europe, with companies in the automotive, oil-hydraulic, DIY, furnishing, and lighting sectors.

We realize specific productions for different industries, and for each one, we offer specialized know-how and ad-hoc expertise. We can handle everything from security parts to oil-hydraulic pumps and highly aesthetic parts for the DIY and lighting sectors.



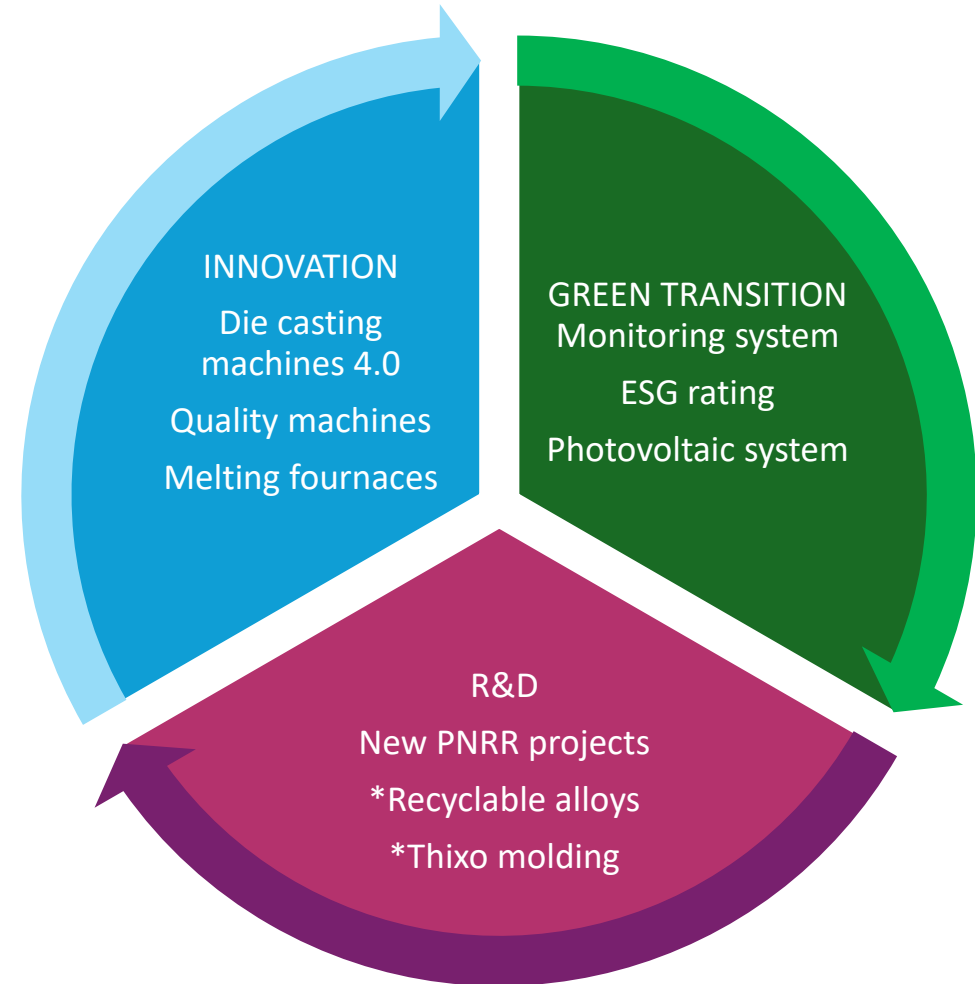
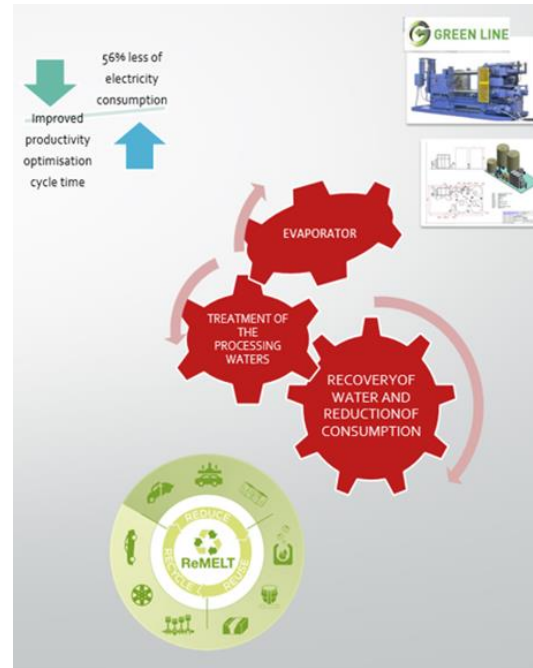


TRANSITION AND TECHNOLOGY INNOVATIONS 4.0

- Rifimpres is a company that believes in the future. The company's management is strongly focused on growth, aiming to guarantee its customers an even better service. In addition to its constant commitment to having a socially sustainable impact on the environment and the quality of life of its employees, there is always the utmost attention to new machinery and technologies that can improve product quality.

*We believe in its?
Do YOU want to believe in it with u*

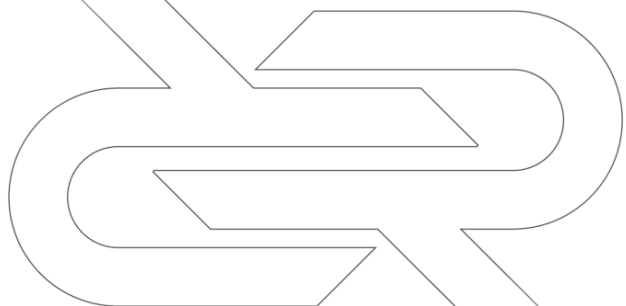
Rifimpres invests at least 8% of its annual revenue in technology and green initiatives.






ESG Score Highlights

Rifimpress is proud to present our outstanding ESG score, reflecting our unwavering commitment to sustainability and responsible business practices. Our dedication to meeting and exceeding the required standards is aligned with the European Union's ambitious goals for environmental and social governance. This not only demonstrates our accountability but also represents a significant opportunity for continuous improvement and innovation. Together, we are paving the way for a more sustainable future.



		RIFIMPRESS S.R.L. - ESG RATING SCORECARD	
EU VAT	IT-00617201207	ESG Rating Grade	
Stato del profilo	Verified	AA	
Prossima revisione	05/2025	ESG SME RATING	
Ultima modifica	02/2025	69/100	
Stato Audit	audited	Rating Ambientale	
Rischio Frode	Low	E 65/100	
Profilo pubblico condiviso	YES	Rating Sociale	
Codice NACE	24.5	S 70/100	
Dimensione	Medium	Rating Governance	
Costituzione	06/03/1984	G 73/100	
Addetti	70		
Board	3		
Shareholder	4		
Sede legale	VIA MEUCCI 46-48-50, CASTEL SAN PIETRO TERME (BO)		



SCAN THE QR CODE OR CLICK THE LINK BELOW
TO SEE OUR COMPANY VIDEO



https://drive.google.com/file/d/1v4onFZr2CcWwaCuLL-Agiq_DYEeC721J/view



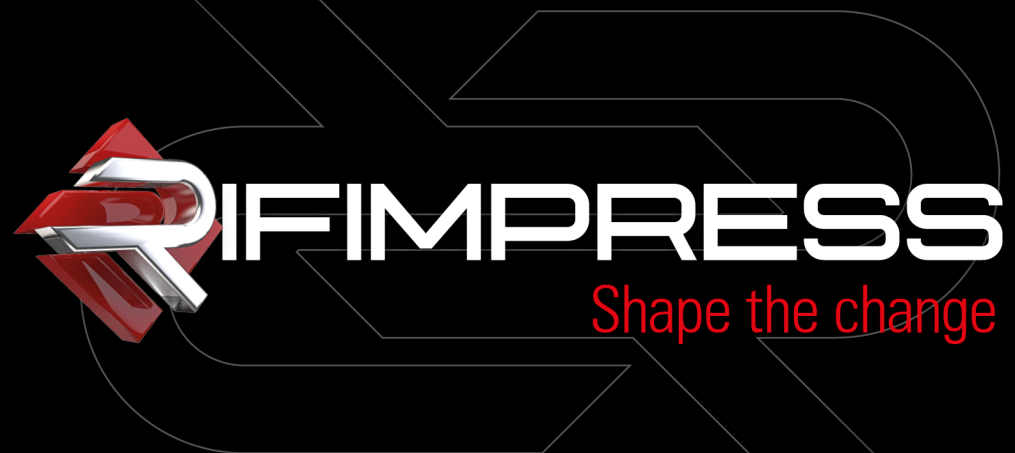
CERTIFICATIONS ACQUIRED

- ISO 9001
- ISO 14001
- ISO 50001
- GENDER EQUALITY
- SA8000

CERTIFICATIONS WE ARE IMPLEMENTING

- ISO 45001
- IATF

Thanks for attention



www.rifimpress.it