



S·T·A·2000

SPECIAL MECHANICAL PARTS



Start up
your **ideas**





President & CEO *Presidente e CEO*

Franco Galassi

Foundation year *Anno di fondazione*

1988



Founded in **1988**, S.T.A. 2000 S.r.l. is an Italian mechanical engineering company specialized in **design, production** and **machining** of metal parts.

We produce complex, high-quality components, offering an **integrated service** that covers the entire production process: from co-design to prototyping, from design to mold construction, using laser cutting, CNC bending, traditional stamping and fine blanking, manual/robotic wire and laser welding, and final assembly. Painting, galvanizing, and heat treatments are available as outsourced services.

*Fondata nel **1988**, S.T.A. 2000 S.r.l. è un'azienda italiana di ingegneria meccanica specializzata nella **progettazione** e nella **lavorazione dei metalli**.*

*Produciamo componenti complessi e di alta qualità, offrendo un **servizio integrato** che copre l'intero processo produttivo: dal co-design alla prototipazione, dalla progettazione alla costruzione stampi, avvalendosi delle lavorazioni di taglio laser, piegatura CNC, stampaggio tradizionale e tranciatura fine, saldatura manuale/robotizzata a filo e laser, assemblaggio finale. Verniciatura, zincatura e trattamenti termici sono disponibili in outsourcing.*



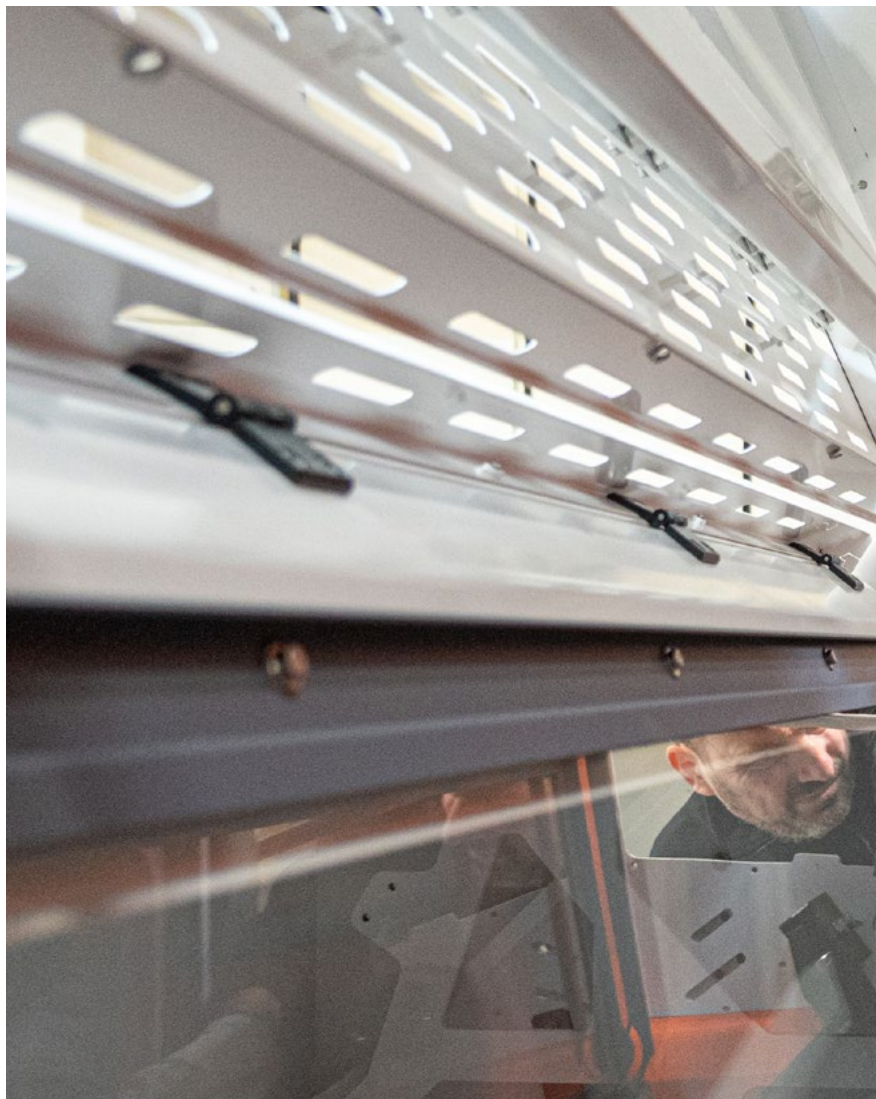
We collaborate closely with our customers to develop **efficient and optimized solutions** according to the principles of Design for Manufacturing, with a single goal: **ensuring industrial quality, reliability, and customer satisfaction.**

*Collaboriamo in stretta sinergia con i nostri clienti per sviluppare **soluzioni efficienti e ottimizzate** secondo i principi del Design for Manufacturing, con un unico obiettivo: **garantire qualità industriale, affidabilità e soddisfazione del Cliente.***



Strengths

Punti di forza



Strength and independence

We are an **independent company** that has made **flexibility** its hallmark, making us a reliable partner capable of ensuring operational continuity thanks to the excellent expertise gained **over 35 years of experience**.

Solidità e indipendenza.

*Siamo un'azienda indipendente che ha fatto della **flessibilità** il proprio tratto distintivo rendendoci un partner affidabile, capace di garantire continuità operativa grazie a un know-how d'eccellenza maturato in **oltre 35 anni di esperienza**.*

Consolidated experience

We boast **cross-disciplinary expertise**, consolidated through our presence at the top of the automotive and electromechanical sectors and in the circular economy sector (material recycling and agri-food products selection), successfully collaborating as suppliers to Tier I and II companies. We combine this specialization with our expertise in **project management**, offering clients solutions tailored to their expectations.

Esperienza consolidata.

*Vantiamo un'expertise trasversale e consolidata dalla presenza ai vertici del settore Automotive ed Elettromeccanico e nel settore dell'Economia Circolare (Riciclo di materiali e selezione di prodotti agroalimentari), collaborando con successo come fornitori di Aziende Tier I, II. A questa specializzazione affianchiamo la nostra competenza nella **gestione dei progetti** che ci vengono assegnati, offrendo al Cliente soluzioni adeguate alle sue aspettative.*



Flexibility and dynamism

Our strength lies in a **lean and responsive organizational structure**, designed to streamline processes and costs. This structure allows us to shorten the chain of command, ensuring immediate decision-making and timely operational implementation, enabling us to respond promptly to market fluctuations.

Flessibilità e dinamicità.

La nostra forza risiede in una **struttura organizzativa snella e reattiva**, progettata per semplificare processi e costi. Questo assetto ci permette di accorciare la catena di comando, garantendo processi decisionali immediati e un'implementazione operativa nei tempi richiesti, per rispondere con tempestività alle fluttuazioni del mercato.

Future vision

We look to the future with the strength of **operational continuity**. We aim for widespread expansion of our order portfolio in Italy, Europe, and beyond, supported by projected annual growth of approximately 7-8% and a customer focus that transforms every order into a valuable partnership.

Visione futura.

Guardiamo al domani con la forza della **continuità operativa**. Puntiamo a un'espansione capillare del portafoglio ordini in Italia, Europa e Extra UE, sostenuta da una crescita programmata di circa 7-8% annuo e da un orientamento al cliente che trasforma ogni commessa in una partnership di valore.

Headquarters and production units

Sedi e unità produttive

Headquarters - Plant 1

Castelplanio, Ancona | 4,000 m²

Technical carpentry metalworking unit

- Product R&D
- Prototypes and pre-series
- Laser cutting
- CNC bending
- Robotic welding
- Manual welding
- Laser welding
- Assembly
- Packaging

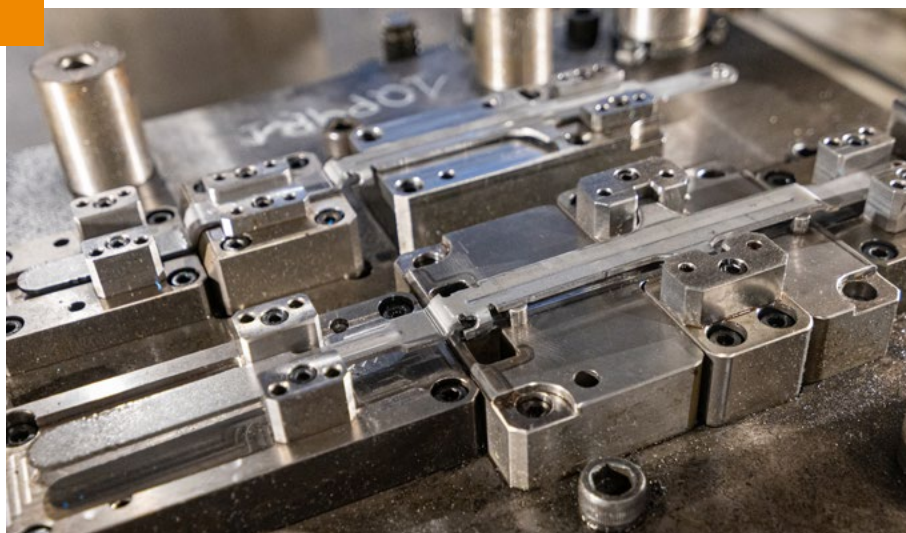
Sede principale - Stabilimento 1

Castelplanio, Ancona | 4.000 m²

Unità di carpenteria tecnica di lavorazione lamiera

R&D prodotti, Prototipi e preserie, Taglio laser, Piegatura CNC, Saldatura robotizzata, Saldatura manuale, Saldatura laser, Assemblaggio, Imballaggio.





Plant 2

Monte Roberto, Ancona | 5,000 m²

Stamping production unit

- Mold design
- Construction and maintenance
- Traditional cold forming and fine blanking
- Tumbling
- Washing
- Assembly
- Packaging

Stabilimento 2

Monte Roberto, Ancona | 5.000 m²

Unità di produzione stampaggio

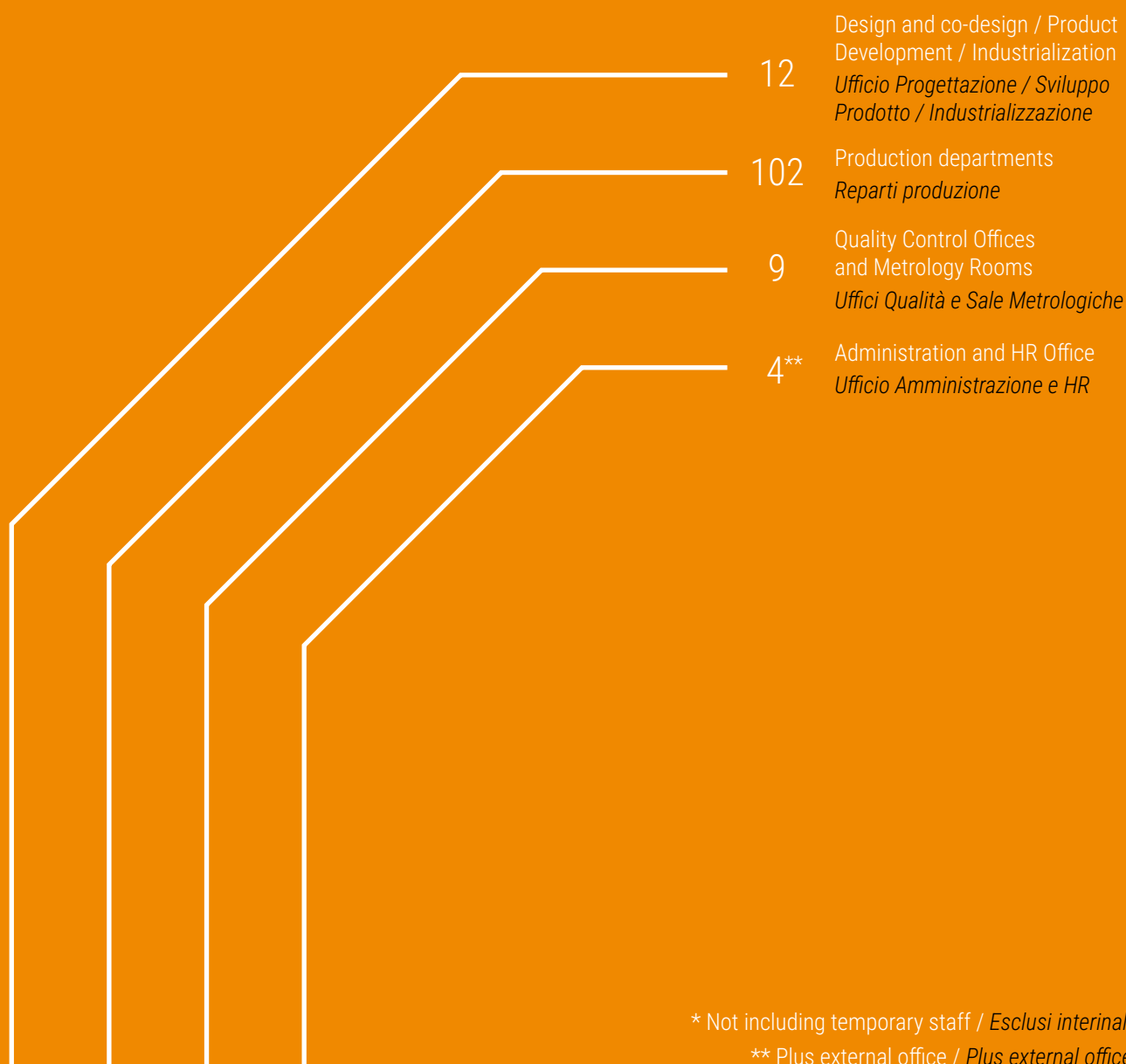
*Progettazione, Costruzione stampi e manutenzione,
Stampaggio tradizionale e tranciatura fine,
Burattatura, Lavaggio, Assemblaggio, Imballaggio.*

Organization

Organizzazione

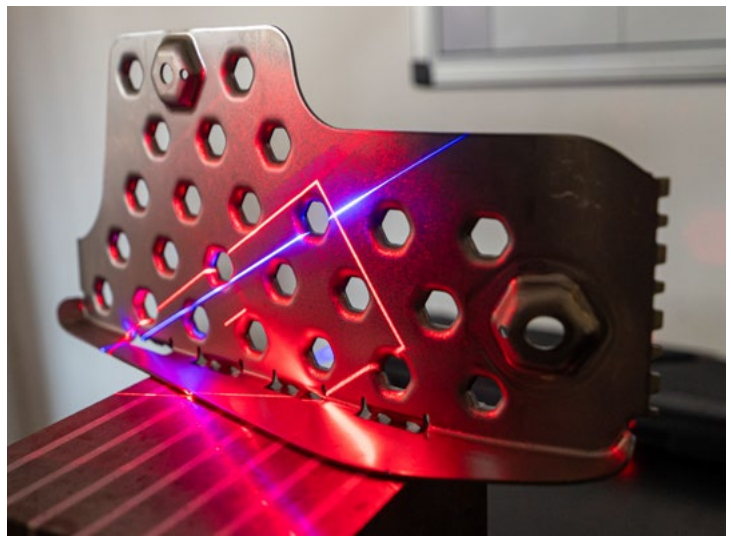
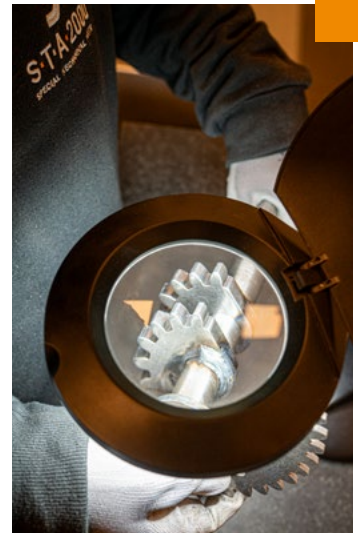
Personnel*

Dipendenti*



Certificates

Certificazioni

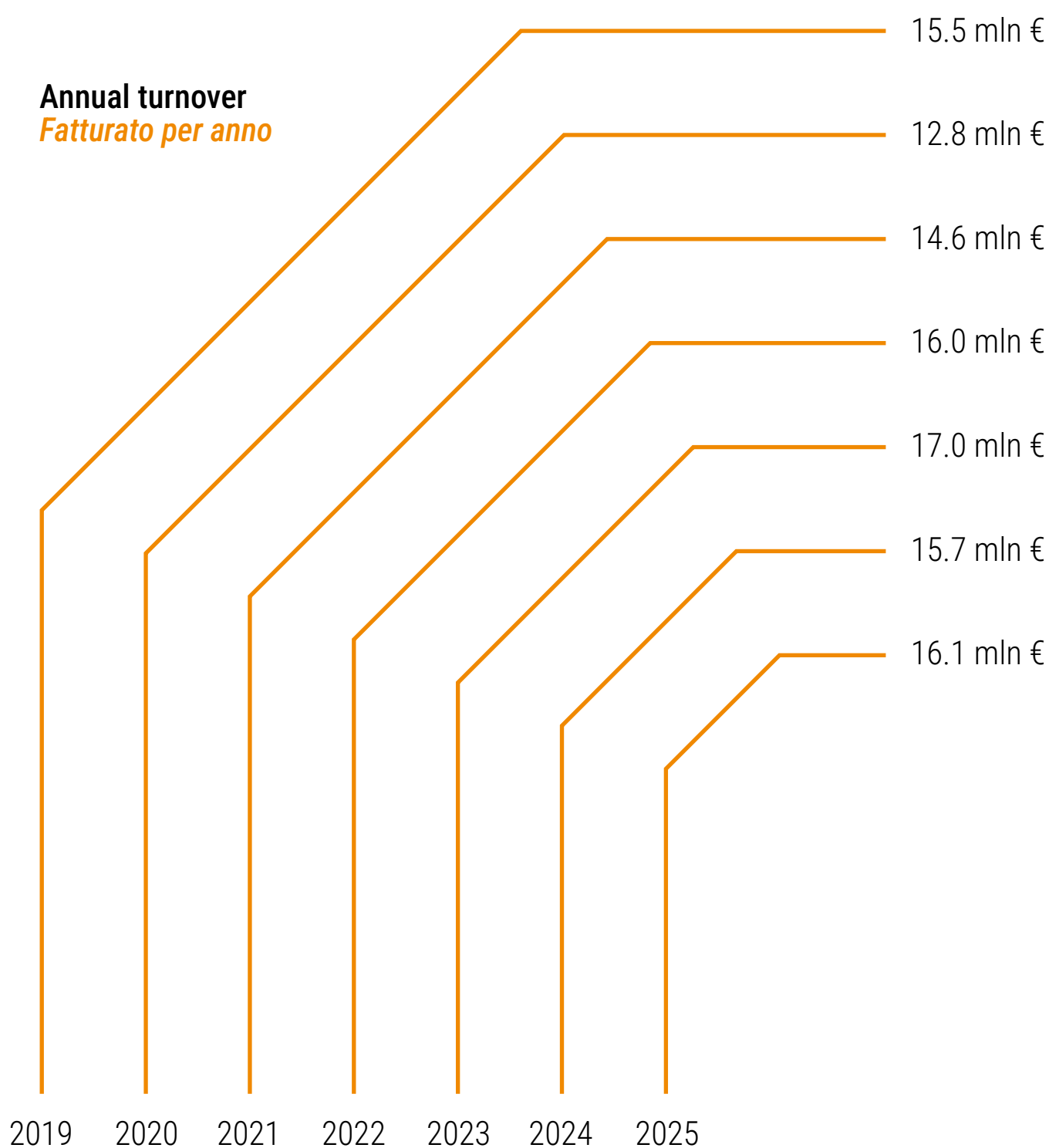


- ISO 9001:2015 (since 2000 / *dal 2000*)
- IATF 16949:2016 (since 2007 / *dal 2007*)
- EN 15085-2:2023 - Level CL2 (since 2011 / *dal 2011*)
- UNI EN ISO 3834 (since 2024 / *dal 2024*)

Turnover

Fatturato

Annual turnover
Fatturato per anno



Geographical turnover
*Ripartizione geografica**

85%
Domestic turnover
Fatturato Italia



15%
Foreign turnover
Fatturato Estero

*2025 data / *Dati riferiti al 2025*

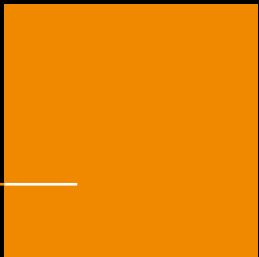
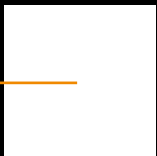
Annual investments*
*Investimenti annuali**

3%

Research and
Development
Ricerca e Sviluppo

5%

Process innovation
and Quality
*Innovazione di
processo e Qualità*

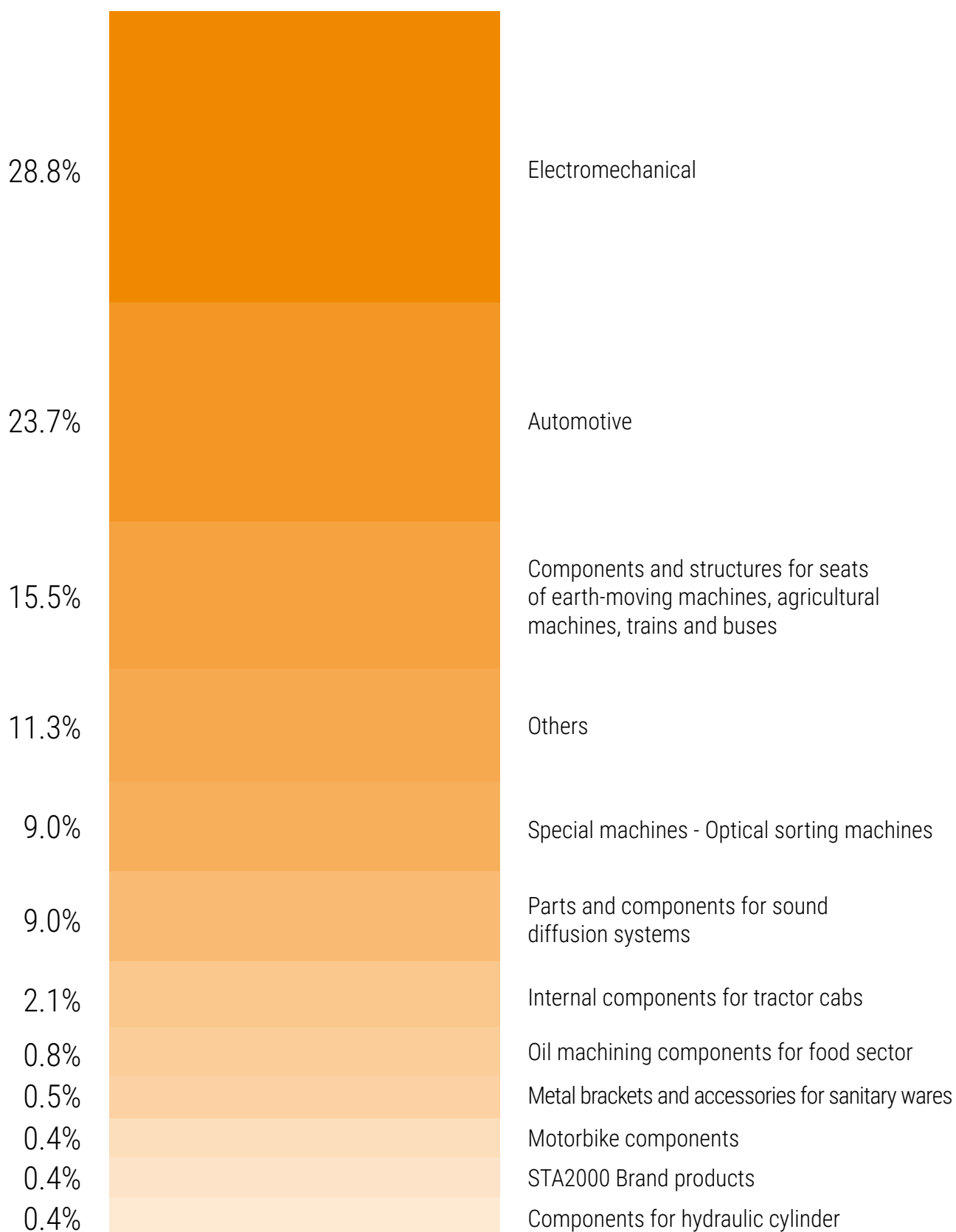


*2025 data / *Dati riferiti al 2025*

Turnover by reference sectors*

*Fatturato per settori di riferimento**

*2025 data / *Dati riferiti al 2025*



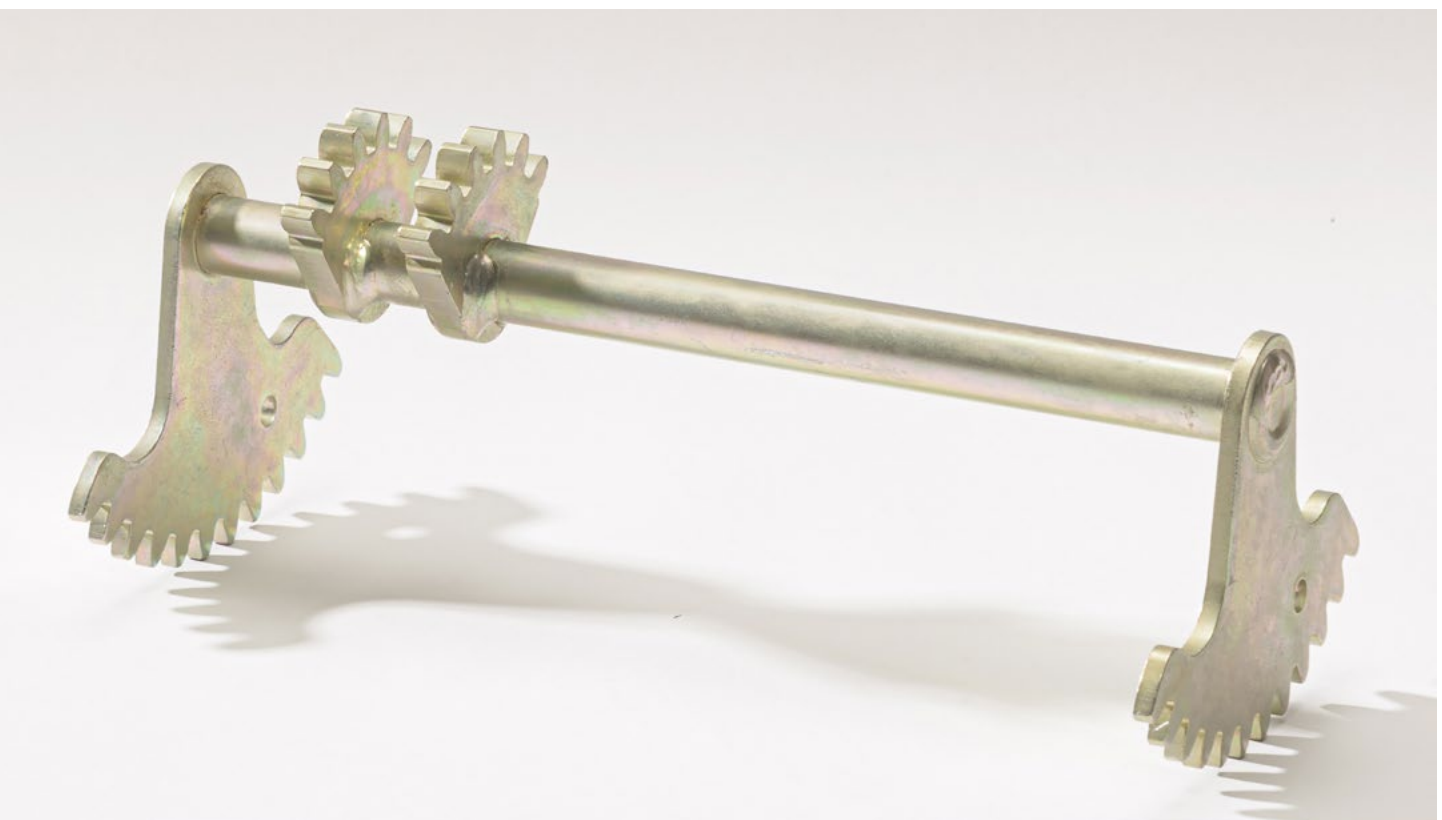
Served sectors

Settori di riferimento



Electromechanics

Elettromeccanica





Automotive

Automotive



Components and structures for earth-moving machines

Componenti e strutture per macchine movimento terra





Components, structures and seating for trains and buses

*Componenti, strutture e
sedute per treni e autobus*



Mechanical structures for special machines / optical sorters

*Strutture meccaniche per macchine
speciali / selezionatrici ottiche*



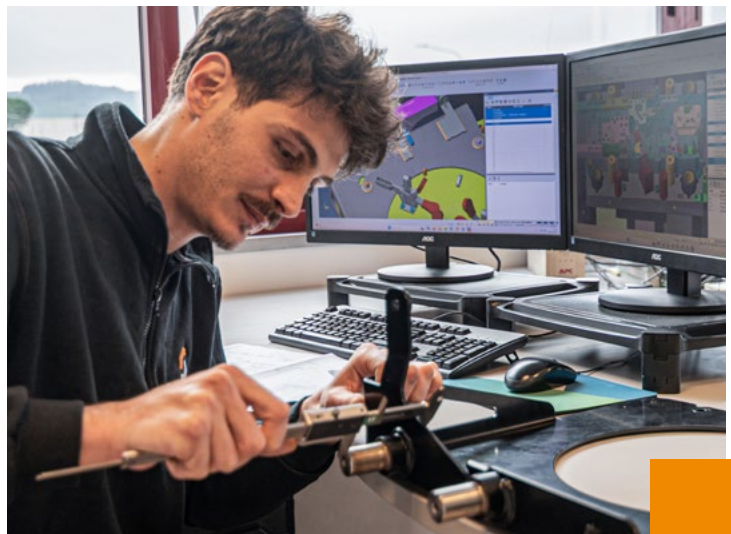
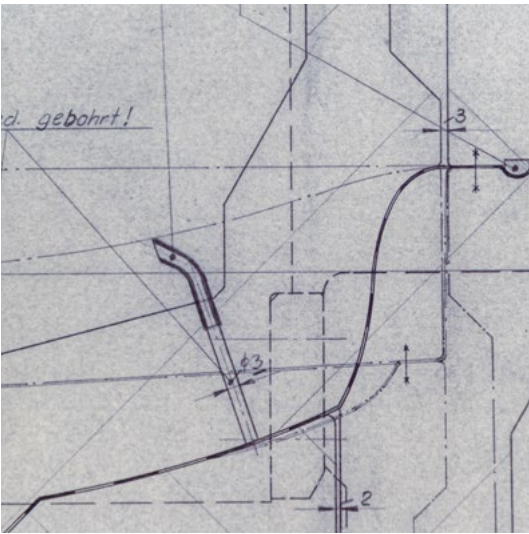
Company departments

Reperti aziendali



Research & Development, design and prototyping

*Ricerca & Sviluppo,
progettazione e prototipazione*



- 2D/3D CAD-CAM
- Think3 – ME10 / 3D
- CATIA V5 R18
- AutoForm Simulator
- In-house FMEA
- DEA 3D three-dimensional measurement system
- Dimensional validation and physical testing in-house or at qualified laboratories

CAD-CAM 2D/3D, Think3 – ME10 / 3D, CATIA V5 R18, AutoForm Simulator, FMEA interna, Sistema di misura tridimensionale 3D Hexagon, 3D Hexagon, Laser scanner Hexagon Arm 8320, Validazioni dimensionali e prove fisiche interne o presso laboratori qualificati.

Prototype, pre-series and series production

*Realizzazione di prototipi,
pre-serie e produzioni di serie*



- Laser cutting
- Bending
- Stamping (Traditional blanking / Deep drawing / Fine blanking)
- Washing and tumbling
- Manual and robotic welding
- Heat treatments and surface finishes (outsourced)
- Sub-assemblies and assemblies

Taglio laser, Piegatura, Stampaggio (Tranciatura tradizionale / Imbutitura / Tranciatura fine), Lavaggio e burattatura, Saldatura manuale e robotizzata, Trattamenti termici e finiture superficiali (in outsourcing), Sub-assemblaggi ed assemblaggi.

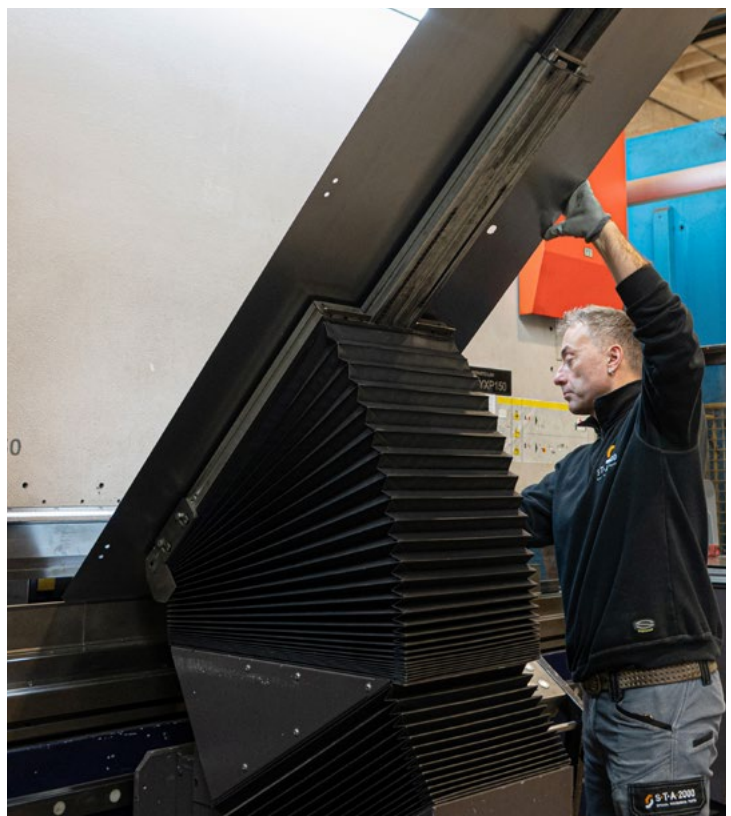
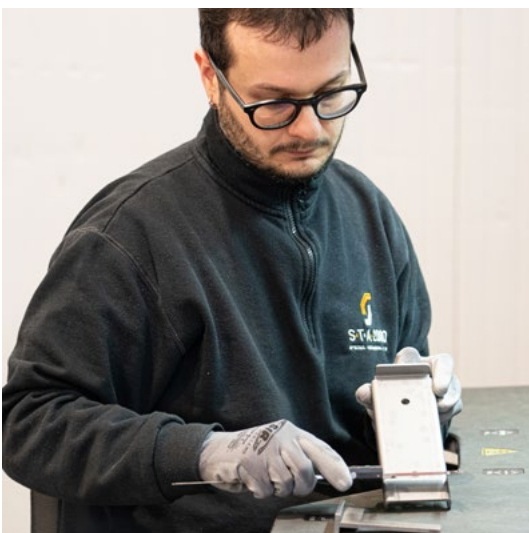
Laser cutting

Taglio laser



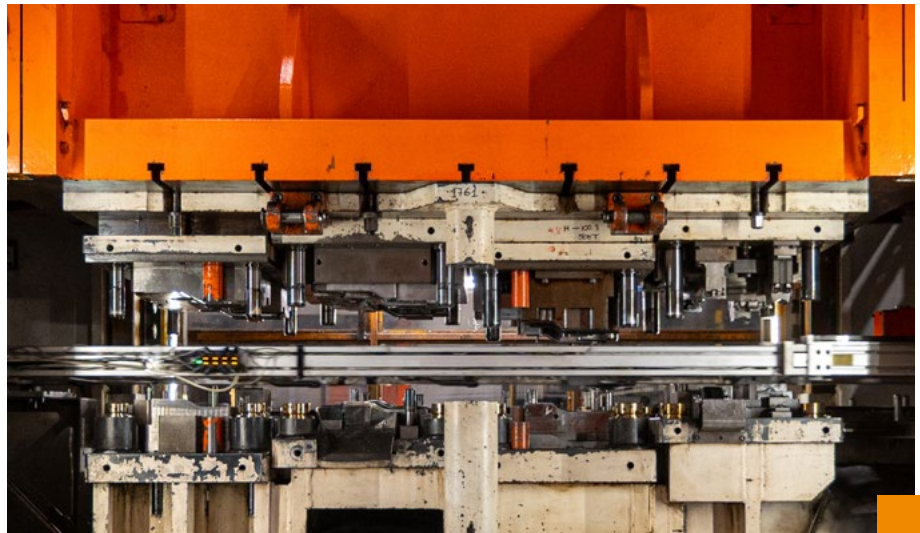
Bending

Piegatura



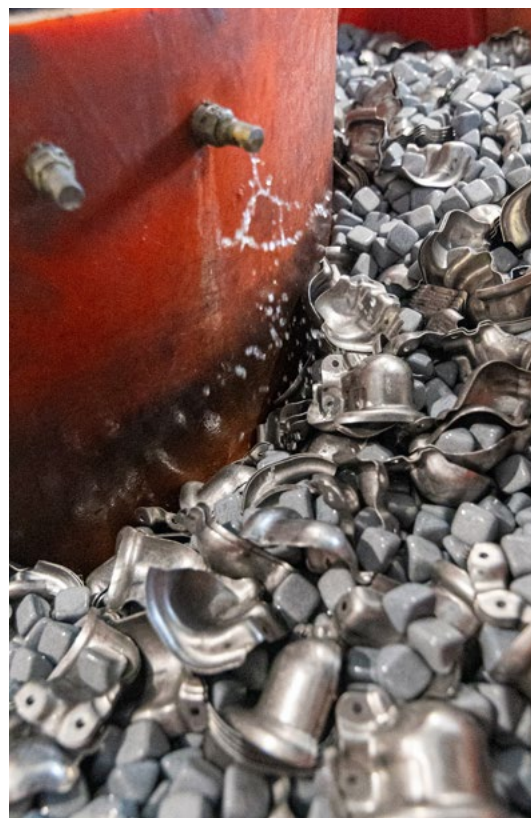
Stamping

Stampaggio



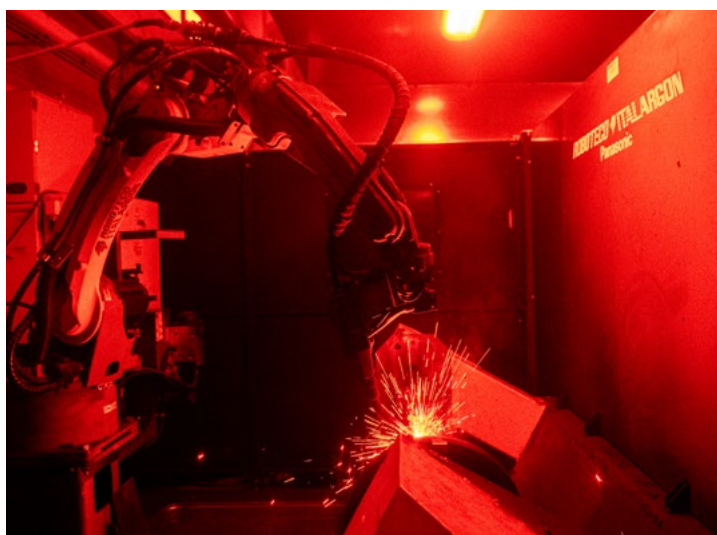
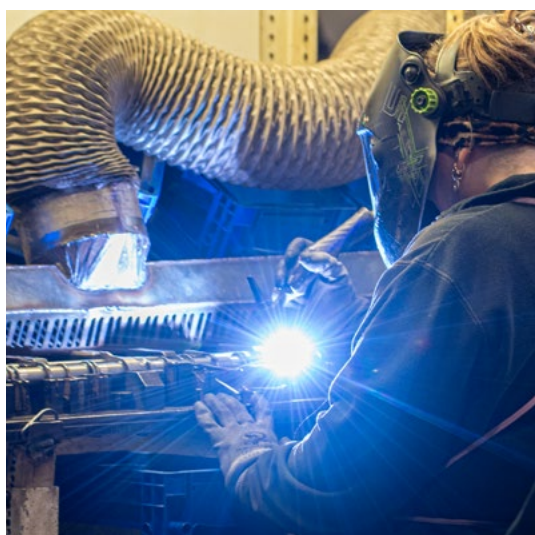
Washing and tumbling

Lavaggio e burattatura



Manual and robotic welding (TIG, MIG-MAG)

Saldatura manuale e robotizzata (TIG, MIG-MAG)



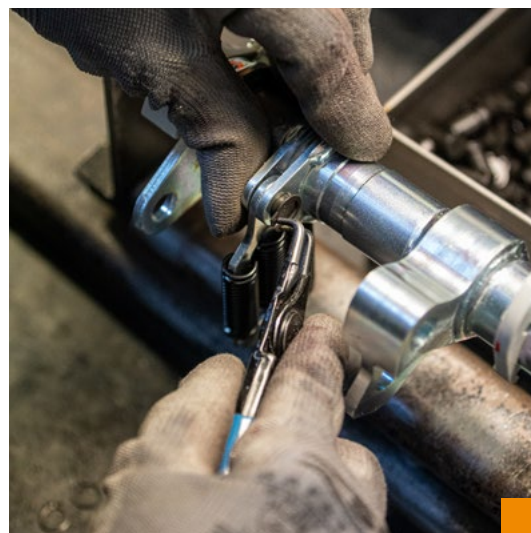
Heat treatments and surface finishes (outsourced)

Trattamenti termici e finiture superficiali (in outsourcing)



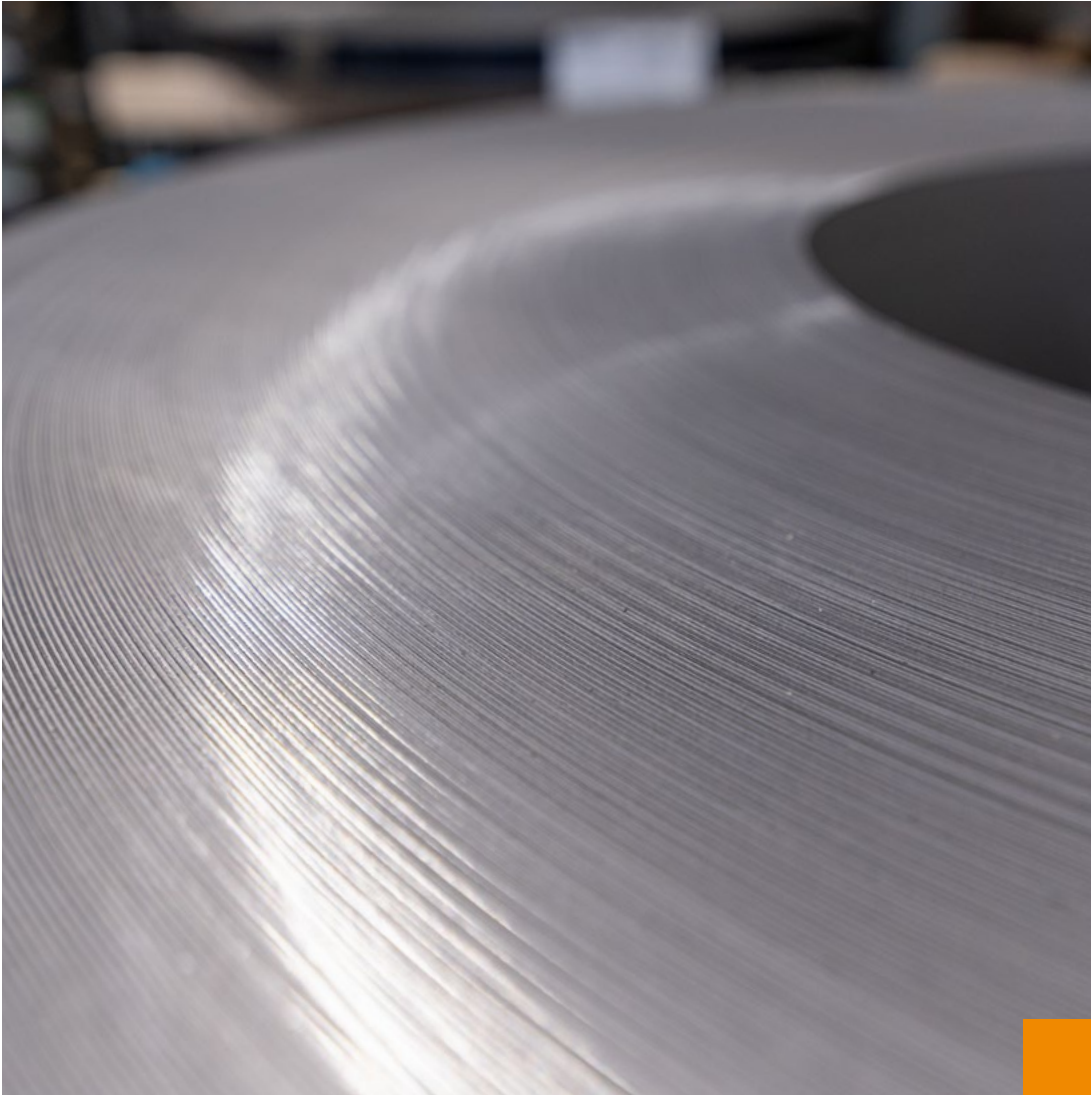
Sub-assemblies and assemblies

Sub-assemblaggi ed assemblaggi



Worked materials

Materiali lavorati



- Carbon steels and special steels
- Aluminum alloys
- Stainless steel
- Titanium

Acciai al carbonio e acciai speciali, Acciaio inox, Leghe di alluminio, Titanio

Machinery park

Parco macchine



Our machinery park

Il nostro parco macchine

PROCESS / FASE	EQUIPMENT / ATTREZZATURA			ACTIVITIES / ATTIVITÀ
	Quantity / Quantità	Type / Tipologia	Description / Descrizione	
1. Design / Progettazione	5	2D CAD Stations	PTC Creo drafting	Design and BOM
	13	2D / 3D CAD Stations	PTC Creo modeling + PTC Creo parametric	Design / Product industrialization / Work instruction
			DPT Think design + Vero Solution VISI	Tooling development
	1	AUTOFORM forming		Feasibility simulation
	4	CAM CNC / CAM WEDM		CAM programs
	The above devices can convert different extension files			
2. Prototyping / Prototipazione	Used all equipments available for production			Coated materials, stainless steel, aluminium and special alloy
3. Laser cutting / Taglio laser	1	Salvagnini 6000 W*	Fiber laser**	Fe: Thickness from 3/10 o 250/10
	1	Trumpf 6000 W*	**	Stainless steel: Thickness from 3/10 to 200/10
	* with automatic load / unload ** Gas sources: O ₂ or N ₂			Aluminium: Thickness from 3/10 to 150/10
4. Bending / Piegatura	1	Gasparini CNC	200 ton	Complex bending (7 axes)
	1	Bystronic CNC	40 ton	Max length: 1200mm
	1	Bystronic CNC	150 ton	With angle control
5. Mould design and development / Progettazione e costruzione stampi	3	Milling CNC 3-4 axes		Multi steps, transfer and single step Max dimension mould: 3000 x 1800 x 800 / 1000 Max weight 100 /130 ton.
	1	MAZAK variaxis 630 - 5 axes		
	1	EDM AGIE		
	1	EDM Charmilles		
	3	Grinding "Rosa"		
	Various	Others		

Our machinery park

Il nostro parco macchine

PROCESS / FASE	EQUIPMENT / ATTREZZATURA				ACTIVITIES / ATTIVITÀ
	Quantity / Quantità	Type / Tipologia	Description / Descrizione	Hit / min	
6. Metal stamping / Stampaggio	1	Hydr. Galdabini	50 ton	10-30	Work table 1000 x 600 x 800 H
	1	Hydr. Gigant	315 ton	10-30	Work table 600 x 500 x 500 H
	3	Hydr. Feintool* Fine blanking	1x400 ton	15-40	Work table 760 x 760 x 330-410 H Thickness max. 10 mm
		Hydr. Ferrari & Carena* Fine blanking	1x800 ton	15-40	Work table 960 x 960 x 350-450 H Thickness max. 12 mm
			1x1000 ton	15-40	Work table 960 x 960 x 350-450 H Thickness max. 15 mm
	1	Mech. A. Colombo	1000 ton (link drive)	15-40	Work table 1040 x 1000 x 600 H
	1	Mech. A. Colombo**	500 ton	15-40	Work table 2200 x 1600 x 800 H
	1	Mech. Invernizzi	350 ton (link drive)	20-60	Work table 1650 x 1500 x 790 H
	1	Mech. A. Colombo	315 ton	15-45	Work table 1600 x 1200 x 600 H
	1	Mech. ROSS*	250 ton (link drive)	20-45	Work table 1000 x 1000 x 600 H
	1	Mech. KRUPP	800 ton	16-28	Work table 3400 x 2000 x 1100 H
	1	Mech. OMET	125 ton	20-48	Work table 700 x 500 x 385 H
	1	Man. ROSS	90 ton	Variable	Work table 600 x 400 x 385 H
		** with coils feeder and transfer (max width 810 mm for max thickness 6 mm) * with coils feeder for fine blanking (max width 300x2/12 mm)			

Our machinery park

Il nostro parco macchine

PROCESS / FASE	EQUIPMENT / ATTREZZATURA			ACTIVITIES / ATTIVITÀ
	Quantity / Quantità	Type / Tipologia	Description / Descrizione	
7. Welding / Saldatura	4	Welding Banches Fe, Al, Inox		
	7	Robot cells		
8. Assembly / Assemblaggio	5	Assembly stations		
9. 10. 11 Surface heat treatment and coating / <i>Trattamento termico e finiture superficiali</i>	Outsourcing			Zink, Nickel, Cupper and Chromium coating. Polishing, Cataphoresis, Painting, Phospating, Molykote. Hardening and Tempering
12. Final control / <i>Controllo finale</i>	1	3D HEXAGON Global S green 091208		
	1	Laser scanner HEXAGON Arm 8320		
	1	3D ZEISS SPECTRUM 776		
	1	Rockwell Mitutoyo HR400 durometer		
	1	Alpha PGS100 Profilometer		
	1	8X Mantis Compact Microscope		
	1	Mitutoyo SJ-210 Rugosimeter		
	1	Digital thickness gauge		For paint and galvanizing
	Various	Gauges and instruments		



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