

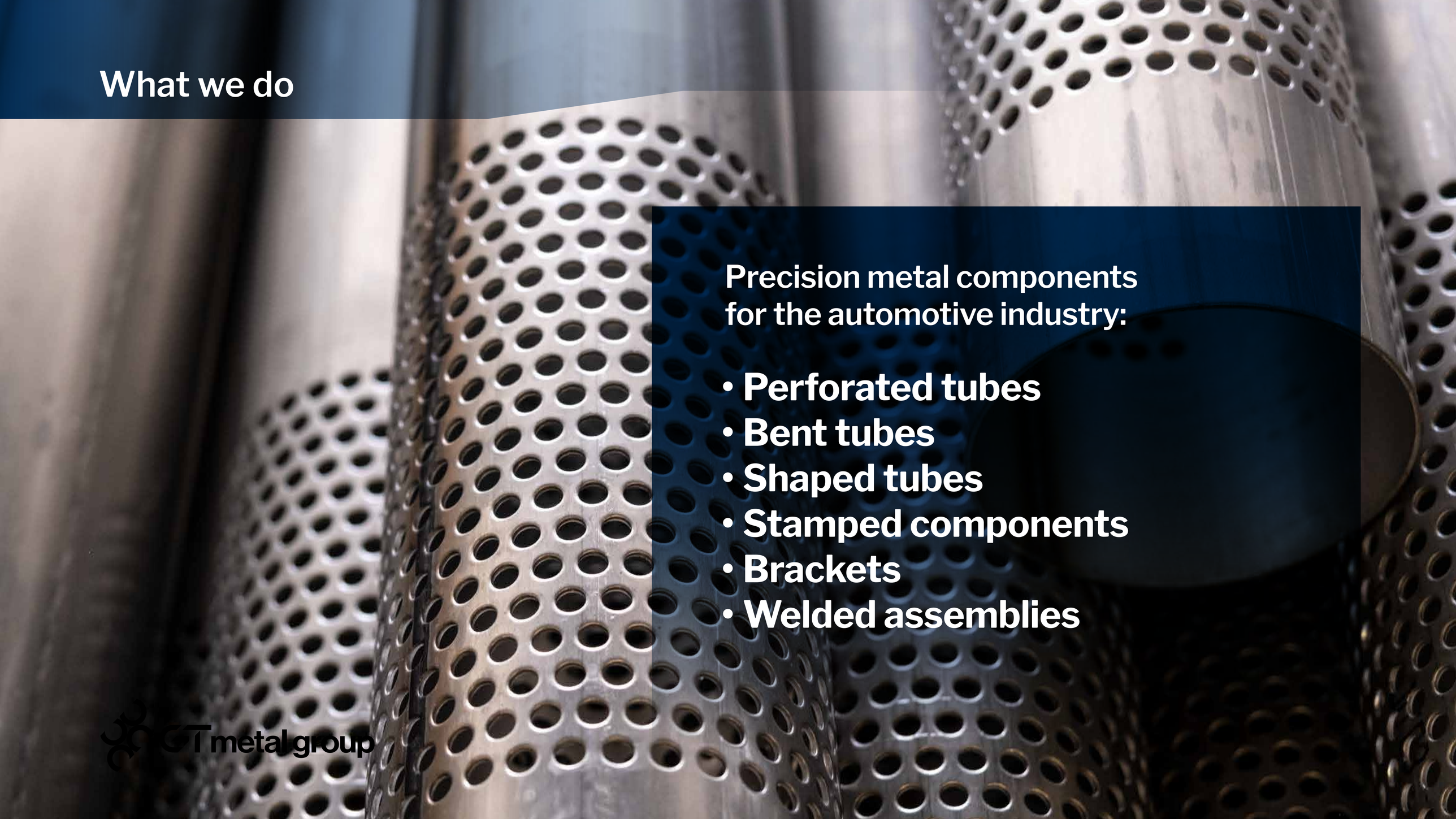
GT metal group

Innovation in metal components for mobility

Technical presentation

Reference partner for steel solutions
for the automotive and industrial sectors

What we do



Precision metal components
for the automotive industry:

- **Perforated tubes**
- **Bent tubes**
- **Shaped tubes**
- **Stamped components**
- **Brackets**
- **Welded assemblies**

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Sectors and customers

Components for:

- Passenger vehicles
- Heavy vehicles
- Agricultural sector
- Motorcycles

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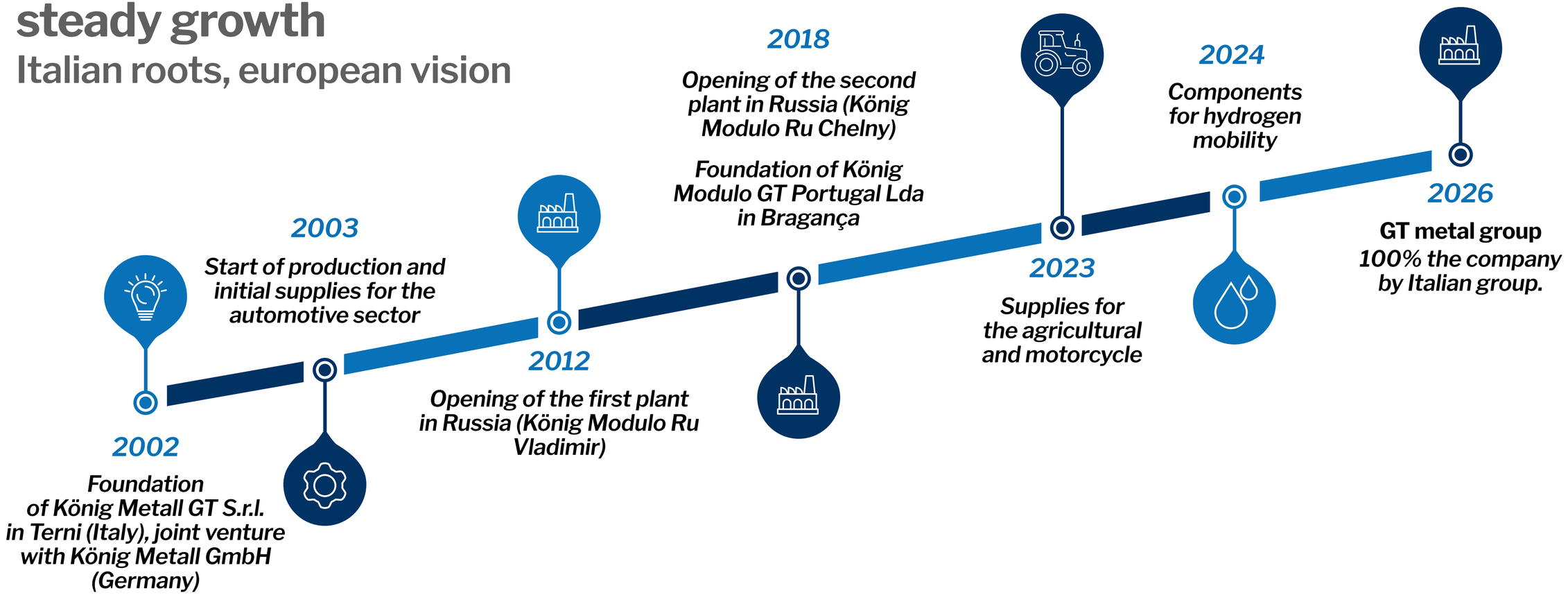
A strategic partner for Tier1 suppliers and OEMs



Company history

From 2002 to the present: steady growth

Italian roots, european vision



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An international industrial network:



GT METAL GROUP
Terni / Italia

KÖNIG MODULO
Russia

KÖNIG MODULO
Portogallo

Strategic Territory

Terni and the Steel Valley

Direct access to raw materials:
proximity to suppliers and steel processing centers

Industrial ecosystem:
high concentration of mechanical, metallurgical, and plant engineering companies

Logistic advantages:
efficient transport, reduced lead times, sustainability

Local expertise:
highly qualified personnel in the metallurgical sector



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Where and how we produce

Production Site - Terni

- Strategic position near stainless steel suppliers in Terni
- 3 shifts per day
- 60,000 components per day for the automotive sector



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Raw Materials

Certified stainless steels
quality control from the base

Austenitic stainless steels

AISI
1.4301
1.4828
1.4401
1.4541
Inconel

Ferritic stainless steels

AISI
1.4512
1.4510
1.4509
1.4513

Tube diameter

Perforated tubes:
from Ø35 mm
to Ø140 mm
Bent tubes:
from Ø30 mm
to Ø100 mm
Brackets:
from Ø4 mm
to Ø15 mm

Tube thickness

Tubes:
from 0.4 mm
to 2.0 mm
Brackets:
from 1.5 mm
to 2.0 mm

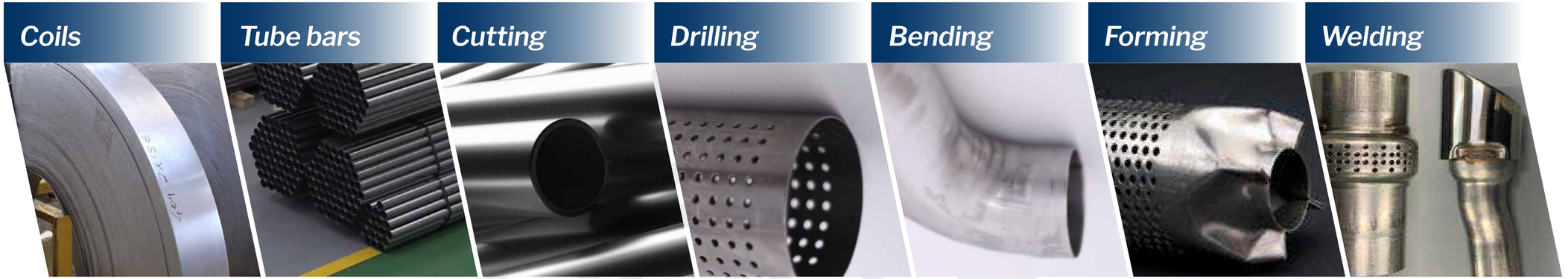
Rolled products

Maximum width:
300 mm
Maximum thickness:
1.5 mm

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Tube production flow

From cutting to perforation:



- Perforated tubes from bars
- Perforated tubes from cut tube
- Perforated and bent tubes
- Perforated and formed tube
- Perforated and formed tube
- Perforated, bent, and formed tube
- Perforated, formed, and welded tube
- Perforated, bent, formed, and welded tube

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Legend

Semi-finished product

Finished product

Bracket production flow

From flat coils and tubes to finished brackets:





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Legend

Semi-finished product

Finished product

Product Examples

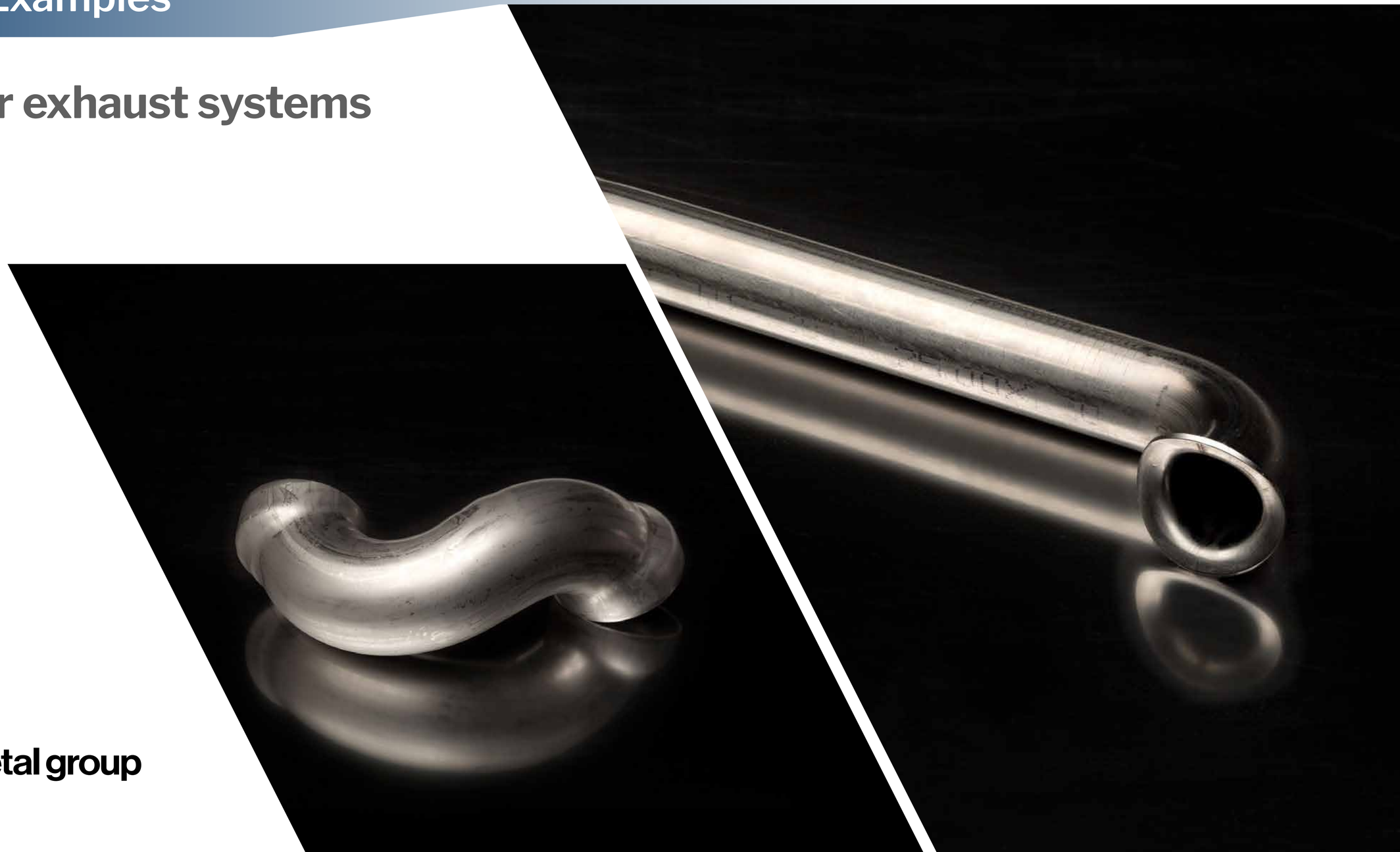
Tubes for silencers



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Product Examples

Tubes for exhaust systems



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Key Technologies

Automation at the core of production



- 8 automatic tube perforation lines
- 8 tube bending cells
- 1 3D laser cutting station
- 5 automatic forming and bending lines for brackets
- 3 robotized welding islands
- 1 press for sheet metal stamping

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Tube Perforation

8 automatic lines ensuring precision, speed, and flexibility

- 6 lines for tubes up to 1100 mm
- 2 lines for tubes up to 1500 mm
- 2 manual machines for prototypes and small batches
- Electronic feed, quick tool change, control sensors
- 1 line for tubes up to Ø 140 mm diameter



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Tube bending cells

8 bending cells
for diameters Ø40–Ø100 mm

- 4 BLM + 4 Schwarze Robitec machines
- 3D CNC-controlled bending
- Integrated drilling center
- Tube forming area



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3D Laser Cutting Station

3D laser cutting

Geometrical precision
and maximum design freedom

- Laser cutting on curved and angular surfaces
- Ideal for shaped tubes and complex brackets
- Integrated 3D CAD system
- Reduced tooling time for small series



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Robotized welding

3 robotic welding cells

Consistent reliability in every production cycle

- 2 Panasonic V-type robots
- 1 Motoman 6-axis robot with 2000 mm H/H table
- High-speed MIG welding with SKS system
- “Poka Yoke” system for safety and traceability



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Sheet metal stamping press

Precision stamping on stainless steel coils

- 130-ton press, up to 90 strokes/min
- Automatic coil feeding (max width 300 mm)
- Feeding accuracy: ± 0.05 mm



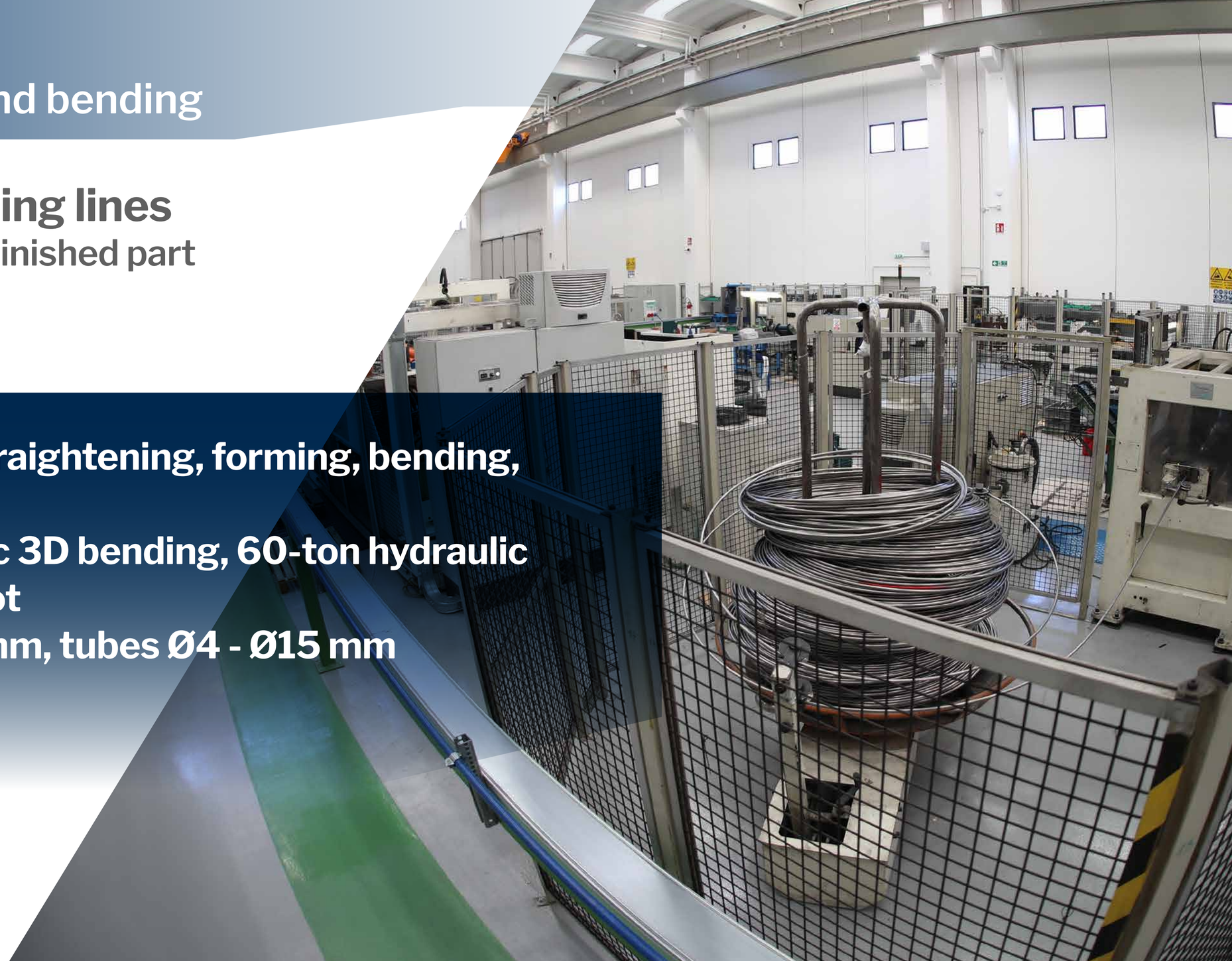
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Bracket forming and bending

5 automatic forming lines

From raw material to finished part
in a single process

- **Wire or tube: straightening, forming, bending, cutting, drilling**
- **Includes electric 3D bending, 60-ton hydraulic press, ABB robot**
- **Wire Ø4 - Ø12 mm, tubes Ø4 - Ø15 mm**



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GT tubi inox

Integrated Raw Material Partnership

5 production lines for stainless steel tubes
with laser welding.
Flexible production for small
and large diameters



- **Diameters Ø8 - Ø80 mm**
- **Thickness 0.4 - 2 mm**

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Laboratory & quality

Metrological control and welding tests

IATF, ISO, and VDA standards

- 3D measurement room
- LED scanners
- Profilometers
- Micrographic microscopes



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Certifications

International reference standards

Quality and Environment under control



CISQ AUTOMOTIVE
Consorzio di Organismi di Certificazione Italiani dei sistemi di gestione aziendale accreditato IATF

CISQ AUTOMOTIVE
www.cisqautomotive.it

CERTIFICATO
CERTIFICATE
IGQ 2E12

Si certifica che il sistema di gestione qualità di:
We hereby certify that the quality management system operated by:

GT Metal Group Srl

USI: YHN5Y3 - Via Luigi Casale, 6
05100 Terni TR - IT

è conforme alla norma e ai requisiti dello schema:
is in compliance with the standard and the scheme requirements:

IATF 16949:2016

per le seguenti attività:
for the following activities:

IAF: 17

Produzione di componenti in acciaio per il settore automotive (Light Personal Vehicles) e truck (Heavy & Medium Commercial Vehicles)

Production of steel components for automotive (Light Personal Vehicles) and truck (Heavy & Medium Commercial Vehicles)

Essendo stato valutato in accordo alla "Regola per lo schema di certificazione IATF 16949 – Sesta edizione"
Having been assessed in accordance with "IATF 16949 certification scheme rules – Sixth edition"
Esclusioni esimerse/permitted exclusions par 8.3 Product Design

emissione corrente: *last issued on:* **2026-11-04**

data di scadenza: *valid until:* **2027-05-15**

IGQ
Via Giosuè Carducci 125/A
20099 Sesto San Giovanni (MI)
www.igq.it

CISQ AUTOMOTIVE
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www.cisqautomotive.it

Per informazioni sulla validità del Certificato, visitare il sito
www.iatfglobaloversight.org
For information concerning the validity of the certificate, you can visit the site www.iatfglobaloversight.org

Certificato IATF N° **0517172**
IATF Certificate N°



IGQ

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www.iqnet-certification.com

CERTIFICATO
CERTIFICATE
IGQ 2E12

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We hereby certify that the quality management system operated by:

GT Metal Group Srl

Via Luigi Casale, 6
05100 Terni TR - IT

è conforme alla norma:
is in compliance with the standard:

UNI EN ISO 9001:2015

per le seguenti attività:
for the following activities:

Produzione di componenti in acciaio per il settore automotive (Light Personal Vehicles) e truck (Heavy & Medium Commercial Vehicles)

Production of steel components for automotive (Light Personal Vehicles) and truck (Heavy & Medium Commercial Vehicles)

Settori IAF accreditamento Accredia / *Accredia accreditation IAF sectors:*
17

prima emissione: *first issued on:* **2004-03-31**
emissione corrente: *last issued on:* **2026-11-04**
data di scadenza: *valid until:* **2027-05-15**
Data ultima revisione / *Last revision date:* **2026-11-04**

Il Direttore
Roberto Pieroncini

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www.igq.it - info@igq.it

ANAB ACCREDITED MANAGEMENT SYSTEMS CERTIFICATION BODY
IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT
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000003



IQNET

Building trust together.

Certificate

CISQ/IGQ has issued an IQNET recognized certificate that the organization:

GT Metal Group Srl

Via Luigi Casale, 6
05100 Terni TR - IT

has implemented and maintains a **Quality Management System**
for the following scope:
Production of steel components for automotive (Light Personal Vehicles) and truck (Heavy & Medium Commercial Vehicles)

which fulfils the requirements of the following standard:

ISO 9001:2015

Issued on: **2026-11-04**
First issued on: **2004-03-31**
Expires on: **2027-05-15**

Registration Number:
IT - 20909 IGQ 2E12

Alex Stoichitoiu
President of IQNET

Mario Romersi
President of CISQ

CISQ

This attestation is directly linked to the IQNET Member's original certificate and shall not be used as a stand-alone document.

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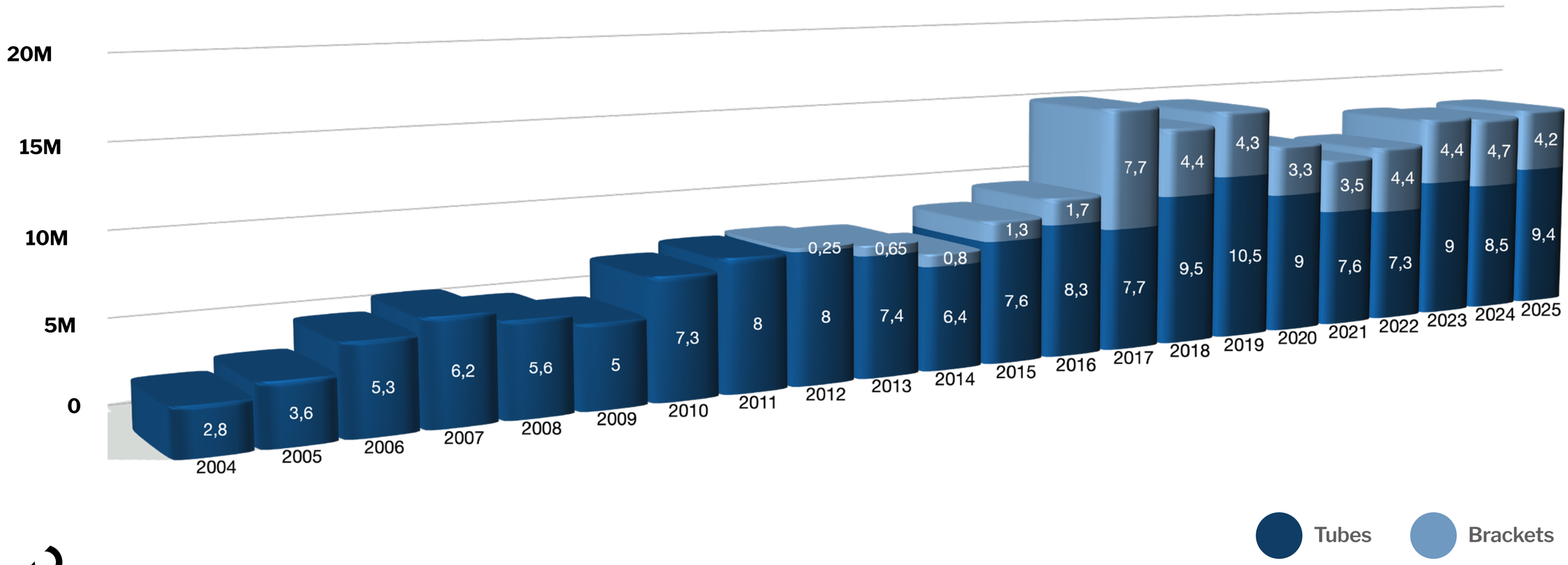
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Production volumes

Constantly growing output

60,000 pieces/day shipped over 15 million per year



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Why choose us

Our competitive advantages: Competence, flexibility, technology

- German know-how, Italian creativity
- Customized solutions
- Full process control
- Coordinated and skilled team

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