



T.O.P. QUALITY srl
Trancerie Orobiche di Precisione

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T.O.P. Quality: Excellence in Precision Stamping

Over seventy years of experience in transforming strip and wire into high-technology components.

Roots and Passion: Founded in 1950 by the Meles family, T.O.P. Quality (Trancerie Orobiche di Precisione) represents the evolution of a manufacturing tradition that combines craftsmanship passion with industrial rigour.

Technical Specialisation: We are leaders in the production of precision stamped metal small parts, manufacturing highly complex stamped, bent and assembled components based on customer drawings.

Our Pillars:

- Certified Quality
- Production Flexibility
- Dynamic Know-how
- Customer Centricity



Our figures

Continuous growth in the service of our customers

Years of experience

75

Employees

15

Items supplied complete with
surface and heat treatments

80%

Items supplied complete
with automatic assemblies

100%

Parts produced in 2025

90M

Processed Materials

Precision begins with the selection of the best metals in strip and wire form.

STRIP Materials (Coils)

Specific for stamping and bending on progressive dies.

Carbon Steels: Annealed and unannealed, with different hardness classes and tensile strength.

Spring Steels: Alloyed and non-alloyed steels for high-performance elastic components.

Stainless Steels: AISI 301, 304, 316, 430, ideal for corrosion resistance and medical/food applications.

Non-Ferrous Alloys (Yellow Metals): Brass, phosphor bronze and beryllium copper for high electrical conductivity.

Light Alloys: Aluminium and specific alloys for the automotive and aerospace sectors.

Special Materials: Pre-galvanised strips, bi-metallic, co-laminated and coated materials.

WIRE Materials

For the production of shaped small parts and elastic components.

Carbon Steel Wire: : SM, SH, DH grades (EN 10270-1 standard) for all mechanical requirements.

Stainless Steel Wire: AISI 302, 316, 17-7 PH for critical environments and high temperatures.

Copper Wire: Used for precision electromechanical components.



From Engineering to the Finished Component

Partner in your production supply chain



Phase 1: Co-Design & Engineering

- Design support to optimise manufacturability

Phase 2: High-Technology Production

- Precision stamping and bending from strip and wire
- Multi-slide machine processing for complex geometries

Phase 3: Integrated Services & Logistics

- Heat and surface treatments
- Automated assemblies
- Flexible batch management
- Open order and stock batch management

Specialisation Sectors

- ⚡ Electrical / Electronic
- 🚗 Automotive
- ✈ Military & Aerospace
- 🖱 •Telecommunications

A reliable partner at every stage: we transform your ideas into industrial reality, ensuring hundredth-millimetre precision, reduced lead times and maximum flexibility in production volume management

Our Tool Shop

Where custom solutions are born

Starting from customer drawings, T.O.P. Quality manufactures **steel or carbide tooling** in-house or through selected specialised tool shops in Italy and abroad.

Each tool is followed through all stages:

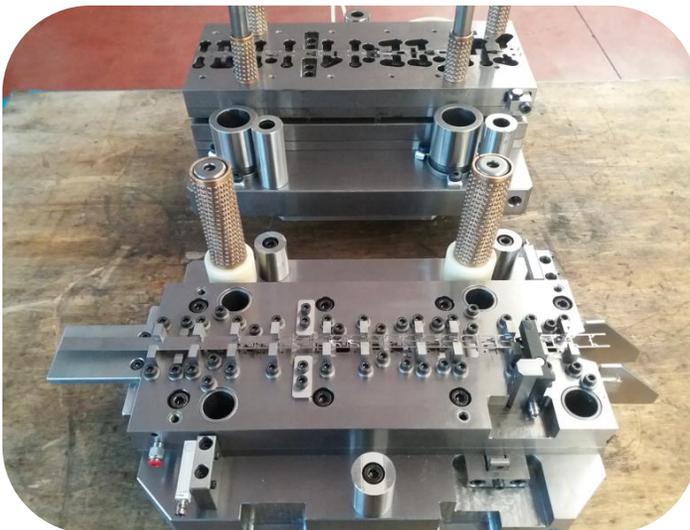
- **Feasibility study and design**
- **Construction and validation**
- **Sampling and customer approval**

Subsequently, our specialised staff carries out tool **maintenance** and **sharpening**, ensuring durability and precision over time.



Machines and systems

Tool Shop Department



ABAC FORMULA I 11 COMPRESSOR

ROTAIR RVC 20/10 COMPRESSOR

ABAC 150L PORTABLE COMPRESSOR

COLCHESTER BANTAM BS 3500 LATHE

BRIDGEPORT-J HIGH-SPEED HEAD-MILLING MACHINE

BERGAMINI BERM 500 SURFACE GRINDER

OKAMOTO ACC52SA SURFACE GRINDER

TRIMOS V4-400 HEIGHT GAUGE

AGIE CHARMILLES DRILL 20 DRILLING MACHINE

AGIE CHARMILLES CUT P550 Pro WIRE EDM

MAZAK VCN -430° MACHINING CENTRE

NORBLAST SD9 SHOT BLASTING MACHINE

Machines and systems

Production

The production department of T.O.P. Quality is equipped with highly versatile computerised automatic machines, which can be integrated with tapping and welding units to produce finished components directly from the machine.

The parts produced by T.O.P. Quality can be supplied **loose, on strip, tapped, welded or assembled.**



Presses

Finishing machines and auxiliary equipment for presses

2 BIHLER RM 40 BENDING PRESSES

1 BIHLER MC 42 BENDING PRESS

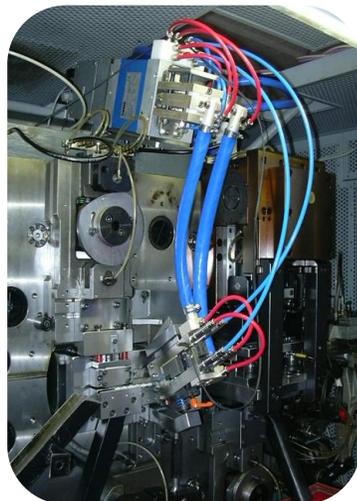
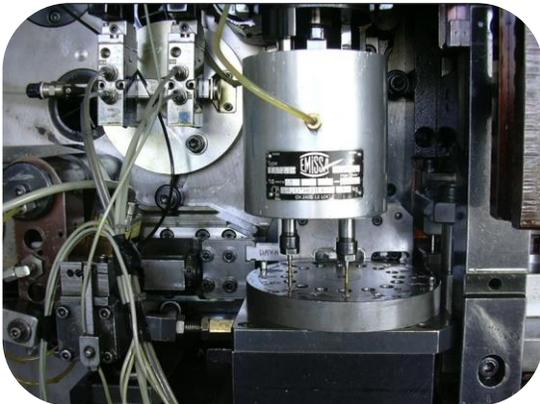
6 BIHLER GRM 50 BENDING PRESSES

1 BIHLER RM 30 BENDING PRESS

1 BRUDERER BSTA 60 H HIGH-SPEED PRESS

1 BRUDERER BSTA 30 PRESS

1 YAMADA NXT60 PRESS



BIHLER B 5000 WELDING MACHINE

BIHLER RESISTANCE WELDING CLAMP

BIHLER CLAMP FOR SILVER ELECTRO-WELDED CONTACTS

2 BIHLER GSE 4 TAPPING MACHINES

ROLL WASCH VIBRATORY FINISHING MACHINE

2 INTERCOM SL 2005.1/2 ELECTRONIC TAPPING MACHINES

2 BORDIGNON DTAP1 ELECTRONIC TAPPING MACHINES

TECNOMACCHINE ALPHA 50 CENTRIFUGE

2 MILLUTENSIL 1.500 kg DECOILERS

2 HURAS HP-1500 kg DECOILERS

2 HURAS HPR 1500 kg DECOILERS + STRAIGHTENER

6 VARIOUS DECOILERS

Heat Treatments and Surface Finishes

Integrated supply chain management to guarantee maximum component strength and finish

INTERNAL HEAT TREATMENT DEPARTMENT

- Equipped with **2 internal furnaces** dedicated to specialised processes
- Ideal for:
 - Small batches and samples with delicate parts
 - Specific treatments on tooling



LARGE-SCALE PRODUCTION AND PLATING

- For **large batches** and galvanic treatments (zinc plating, nickel plating, silver plating, gold plating, etc.) and other surface finishes (tumbling, deburring, washing, degreasing, etc.), we cooperate with long-standing external partners
- **TOP Quality management**: a single point of contact for customers for the entire logistics flow and final inspection

Quality Under Control: Technology and Regulatory Rigour

From ISO 9001 certification to IATF 16949 evolution

To always ensure maximum customer satisfaction, T.O.P. Quality guarantees **high quality standards for products**, services and on-time deliveries. This constant commitment led the company to obtain **ISO 9001:2015** certification in 2001.

To ensure product quality, **quality control operators** use modern instruments and optical measuring machines with 3D cameras equipped with statistical process control software.

Looking ahead.

Thanks to many years of experience in the automotive sector, T.O.P. Quality is able to meet **all standards required by IATF regulations** such as IMDS, Conflict Minerals, etc.

By the end of **2026**, T.O.P. Quality will complete its path towards **IATF 16949 certification**, further strengthening its commitment to the automotive sector and the highest international standards.



Quality Control Department

Instruments

LEITZ 300 PROFILE PROJECTOR

WILD M3 B MICROSCOPE

LEICA S9I MICROSCOPE

AFFRI 250 MRS HARDNESS TESTER

SYLVAC 100 MEASURING INSTRUMENT WITH ELECTRONIC PROBE FOR STATISTICAL CONTROLS

2 OPTICAL MEASURING MACHINES WITH 3D CAMERA OGP SPRINT MVP 250

MECMESIN 2.5 MULTI-TEST FORCE TESTING INSTRUMENT

FISCHERSCOPE XRAY XDL COATING THICKNESS MEASUREMENT INSTRUMENT

METTLER TOLEDO 0.6 KG COUNTING SCALE

METTLER TOLEDO 30 KG COUNTING SCALE

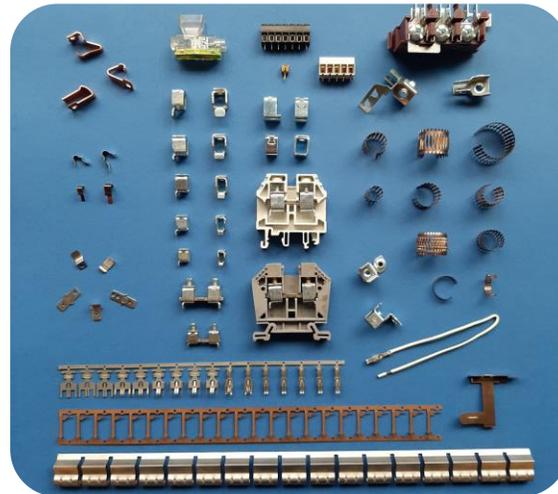
MITUTOYO SJ-210 ROUGHNESS TESTER

KEYENCE IM-6020 MEASURING MACHINE

Customer Drawing Products

Examples

- Threaded sleeve terminals M3/M3.5/M4/M5
- Brass terminals with pin and bronze strip M2.5/M2.6
- Contacts with silver pads
- Terminals
- Socket contacts
- Schuko plugs
- Faston terminals
- Bushings
- Strip springs
- Hinge connecting rods
- Wire U-bolts
- Double-thread plates
- Connectors
- Strip components



Our Products: Proprietary Tooling and Custom Solutions

In addition to its core business of customer drawing products, T.O.P. Quality offers a range of components manufactured using **proprietary tooling**, ensuring continuity and precision while avoiding initial investments in dies and equipment.



Sleeve terminals

- Complete range available in standard sizes: **M3, M3.5, M4, M5**



Flush-mounted box clips

- In-house production of specific threaded clips for electrical flush-mounted boxes



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Request information or start a new project

www.top-quality.it

ADDRESS

Via Giotto n° 4/6, I-24030 Presezzo (BG)

E-MAIL

export@top-quality.it

PHONE

+39 035610813