

TOP QUALITY is a family-owned company now in its third generation. For over 50 years, we have been active in the production of **precision punched and bended small metal parts** from strip and wire.



Using high-tech machinery such as Bihler and Bruderer machines, we are able to produce *single or banded, even complex, threaded, welded, riveted or assembled parts*.

Among the numerous parts we currently produce there are: cut jacket M3/M3,5/M4/M5, brass jacket with pin and bronze plates M2, 5/M2, 6, contacts with silver plates, terminals, socket cells, Schuko plug, fasteners, bushings, springs in strips, connecting rods for hinges, wire jumpers, platelets double thread, connectors, special in-band and small parts in general.

The pieces can be delivered raw or with heat- or galvanic treatments:

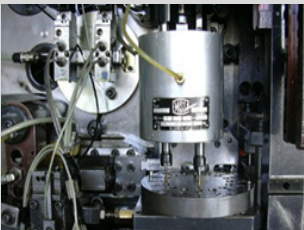
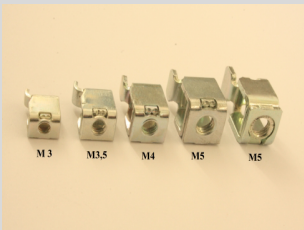
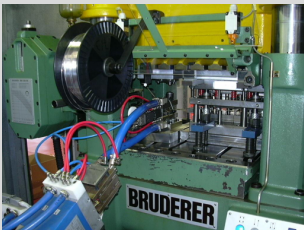

- ***hardening/tempering***
- ***galvanizing/dehydrogenation***
- ***nickel, copper, tin, silver, and gold coating***

The **ISO 9001:2015 certification** is a further guarantee of our company's reliability in following the production of parts step by step, starting with the analysis of the drawing, moving on to the study and realisation phase of the moulds, to the control on board the machine, and ending with the quality control phases on the parts produced.

The trust placed in us by major companies in the electrical, electronics and automotive sectors is a further indication of our company's reliability and a guarantee for future collaboration.

For any further information, we kindly ask you to visit our web site www.top-quality.it/en.

Here our machine park:

Bihler GSE 4 tapping unit for thread rolling	Bihler B5000 welding equipment for resistance welding or electro-welded silver contacts
 	 

Presses

- 2 Bihler RM 40 bending machines
- Bihler MC 42 bending machine
- 6 Bihler GRM 50 bending machines
- Bihler RM 30 bending machine
- Bruderer BSTA 60 H fast press machine
- Yamada NXT60 press machine
- Bruderer BSTA 30 press machine

Finishing machines and equipment for presses

- Bihler B 5000 welding machine
- Bihler clamp for resistance welding
- Bihler clamp for electro-welded silver contacts
- 2 Bihler GSE 4 tapping machines
- Roll Wasch vibrofinish machine
- 2 Intercom SL 2005.1/2 electronic tapping machines
- 2 Bordignon DTAP1 electronic tapping machines
- Tecnomacchine Alpha 50 centrifuge
- 2 Millutensil decoilers – 1500 Kg
- 2 Huras HP decoilers – 1500 Kg
- 2 Huras HP decoilers – 1500 Kg + grille
- 6 decoilers – various brands

Heat treatment

- 2 ovens for heat treatment

Machine tools – Tool maintenance department

- ABAC Formula I 11 compressor
- Rotair RVC 20/10 compressor
- ABAC 150L portable compressor
- Colchester Bantam BS 3500 lathe
- Bridgeport-J fast head milling machine
- Bergamini Bermi 500 grinding machine
- Okamoto ACC52Tangential grinding machine
- TRIMOS V4-400 altimeter
- AGIECHARMILLES DRILL 20 drilling machine
- AGIECHARMILLES CUT P550 Pro EMD wire machine
- MAZAK VCN-430A CNC machining centre
- Norblast SD9 shot-blasting machine

Quality department

- 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
- Measuring machines with 3D OGP SPRINT MVP 250 camera
- Mecmesin 2.5 multi test force gauge
- FISCHERSCOPE XRAY XDL galvanic coating thickness measurement instrument
- METTLER TOLEDO 0,6 KG scale counter
- METTLER TOLEDO 30 KG scale counter
- MITOTOYO SJ-210 roughness meter
- Keyence IM-6020 measuring machine