



TIRALIQUINTO

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TIRALIQUINTO

HIGH-PRECISION WORKINGS
FOR LONG-LASTING RESULTS

1966

The company Loti Rettifiche of Tirali Quinto is established on a 50 square meters rented surface, with two machine tools and one customer only.

1970/1980

The increase in orders and customers leads to the workshop expansion, passing from 50 to 1,000 square meters. The company success goes with the first generational transition: Tirali Quinto evolves in Tirali Quinto & Figli Snc.

1993/1997

The company moves to the current headquarters and is subjected to expansion and reorganisation. A new corporate change is registered: Tirali Quinto di L. Tirali & C. Snc.

2002/2006

The continuous economic growth leads the company to reach new goals. The number of customers increases and the factory expansion follows.

2009/2010

New services are added to our offer, among them ceramic coating, metallisation and flame spraying. The company Plasma Coating s.r.l. is bought. The second generational transition takes place and the workshop is expanded again. The PV installation is realised for supplying our machineries with green energy.

2013/2015

The company is equipped with a Zeiss metrology room. Investments in talents and research are reconfirmed in order to satisfy the more and more heterogeneous customers. We move toward the international market, especially in Germany.

HISTORY



COMPANY

We are carrying Tirali Quinto's dream on since half a century: to run a mechanical workshop specialised in grinding and coating processes, in order to grant the industrial sector ambitions better than anyone else.

2,200 square meters of indoor area, shared by offices, warehouses and a mechanical workshop. 2,000 square meters of indoor surface for goods handling and parking lots. 22 last generation units for grinding, coating, lapping, metallisation workings.

650 customers spread in the North of Italy and in the rest of the Country. 9 production operators, 1 quality operator, 2 administrative clerks. These are the numbers telling Tirali Quinto history. A history beginning in the distant 1966, when there was just a little 50 square meters mechanical workshop, with one customer only and just 2 machine tools.

Tirali Quinto has never stopped growing since then. During the years we have accomplished thousands of orders for companies based in Brescia and its surroundings and more, without giving up to more difficult tasks from the logistic point of view.

The continuous and constant research of more and more improved technologies has allowed us to develop a very high level production department, meanwhile establishing important relationships with leading companies who share our same passion for challenges.

Many certifications have been obtained, among them ISO 9001:2008, through SQS and IQnet certifying bodies.

Always at the forefront, with the will of bettering the customer's service, we have extended our tasks in order to include the whole range of workings referred to the internal production cycle, from steel purchase to anti-corrosive treatments, up to goods delivery with express courier, according to the customer's needs. It is in this perspective that the introduction of Zeiss Contura for CMM Zeiss dimensional certification takes place. A further evidence of our ability to offer global support, even with reference to tests and documents.

Some interesting new elements complete the framework, such as ceramic coating, metallisation, and flame spraying processes. Last but not least the on-site customer support service, realised with our mobile workshop for metallisation workings.

We are currently engaged in strengthening the internal market, with an opening and a research of commercial exchanges and partnerships at European level, keeping a keen eye on Germany and its huge industrial basin.



CERTIFIED QUALITY

- Quality Management System compliant with ISO 9001:2008.
- SQS and IQnet certifying bodies.

We apply a strict product control during handling, packaging, stocking, storage and delivery phases. All our measurement instruments are supervised, calibrated and submitted to regular maintenance.

With reference to the company processes, they are divided into 5 main areas::

- Sales
- Supplies
- Production
- Administration
- Operating resources

Quality means also to collaborate with selected partners, who allow us to offer fully equipped supplies with all the related mechanical particulars, based on the customer's drawing or sample.



For those who looks for quality first, Tirali Quinto will continue to represent a reliable and trustworthy reference point, a strategic partner of any successful business development policy.

Industrial grinding processes represent Tirali Quinto core business. Specifically, we realise the following grinding processes, with the related maximum weights and diameters:

Surface grinding: 3,000 x 650 x 700 max - 1,800 x 650 max diameter

Internal grinding: from Ø 8 to Ø 1,800 - max weigh Kg. 10,000

External grinding: from Ø 3 to Ø 1,600 - max weigh Kg. 10,000

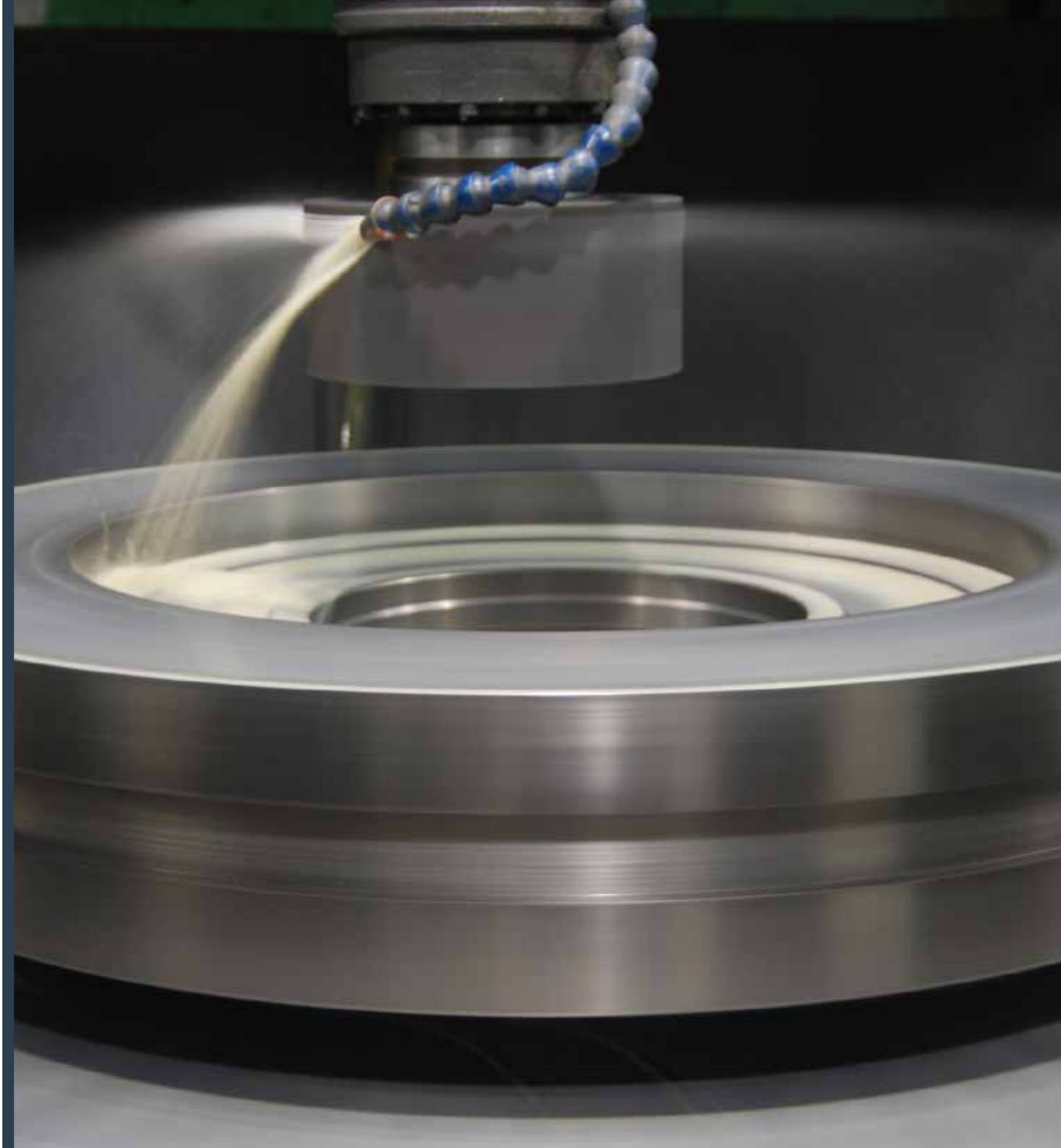
Lapping: from Ø 5 to Ø 300.

Splined profiles grinding: from Ø 20 to Ø 150

Tirali Quinto is also specialised in coating processes realised with the High Velocity Oxygen Fuel (HVOF) spray coating technique and in metallisation and flame spraying treatments for ensuring a better resistance to wear, corrosion and weather.

CMM ZEISS Dimensional Certificates, realised with Zeiss Contura machinery, complete the offer, with the aim of fastening the products test procedures and give the customer a high profile final result, together with its quality certifications.

SERVICE



SURFACE GRINDING

Tangential or front finishings of plane surfaces according to the highest quality standards.



INTERNAL AND EXTERNAL GRINDING

Flexibility and attention to details for a wide range of external and internal grinding processes.



LAPPING

Spotlessly clean surfaces thanks to lapping processes realised with the most powerful abrasives.



DIMENSIONAL CERTIFICATIONS

Accurate measurements with Zeiss Contura machinery for your dimensional certifications.



SPLINED PROFILES GRINDING

Gears, splined shafts, splined hubs: the complete range of splined profiles grinding processes.



CERAMIC COATING

The innovation of ceramic and plasma coating, together with last generation technology.



HVOF COATING PROCESSES

Our coatings realised with the High Velocity Oxygen Fuel (HVOF) spray coating technique.



METALLISATION AND THERMAL SPRAY COATING

Metallisation and flame coating processes, protective and anti-corrosive treatments from A to Z.



AEREONAUTIC

Grinding, coating and lapping processes for aircraft and prototypes of the military and civil sectors



AUTOMOTIVE

Floating bushes, particulars and workings for the automotive sector



NAVAIL

A wide range of applications dedicated to shipbuilding and naval industry.



FOOD

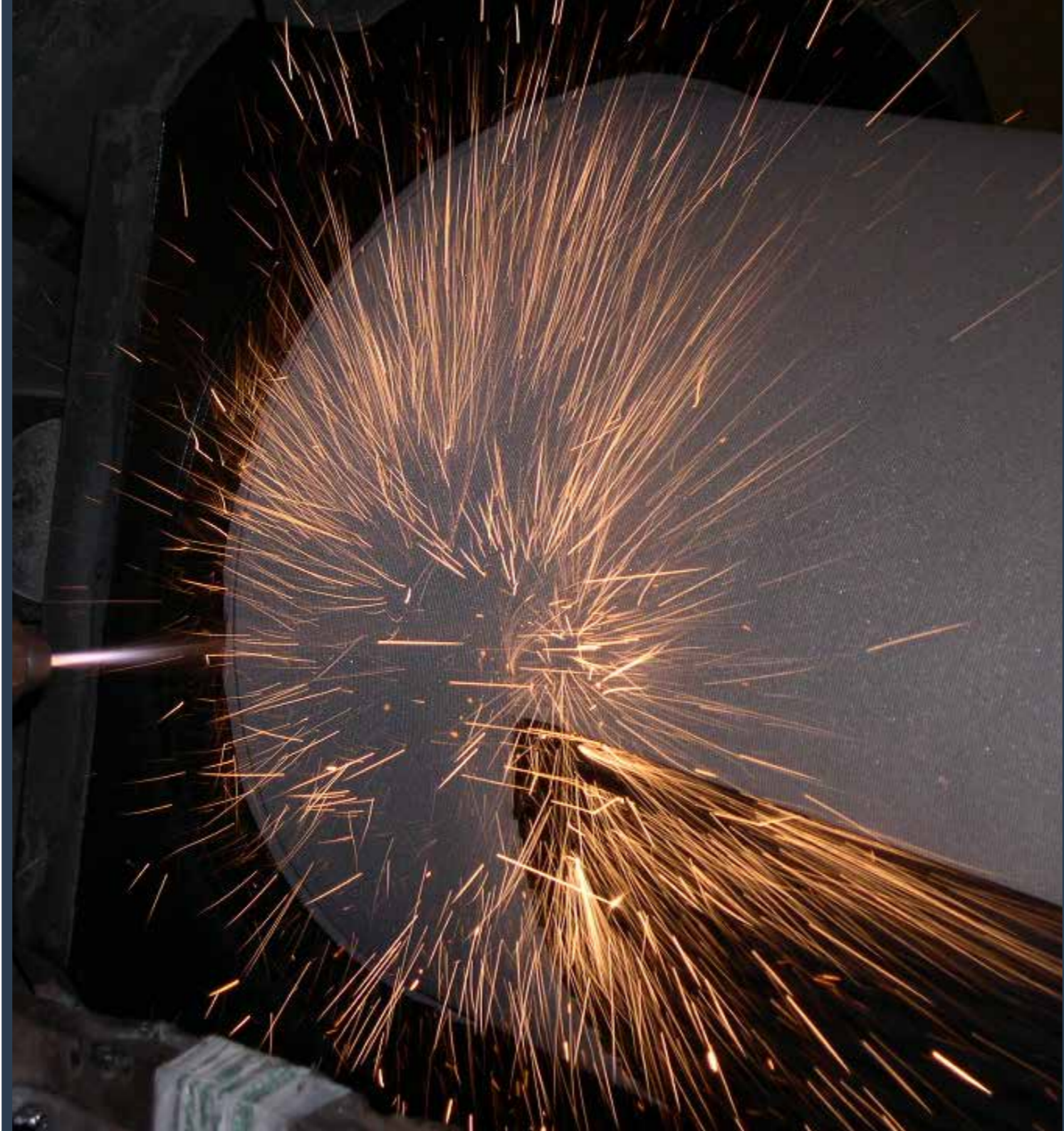
Food steel components for the whole food & wine supply chain.



RUBBER

We are at the forefront in providing grinding and coating services for the rubber industry

SECTORS



EARTHWORKS AND TRANSFER

Bushes and axle shafts of different diameter, with dimensional certification



DIE CASTING MACHINERIES

Splined shafts, mandrel, piston rod, container caps and accessories for die casting



AGRICULTURAL

Very high-precision finishings on morara and components for tractors and agricultural machineries



TEXTILE

More essential products for textile and clothing manufacturing.



GRAPHIC

From rollers for rotary printing presses, to cylinders for printers, we process thousands of pieces for the graphic industry



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