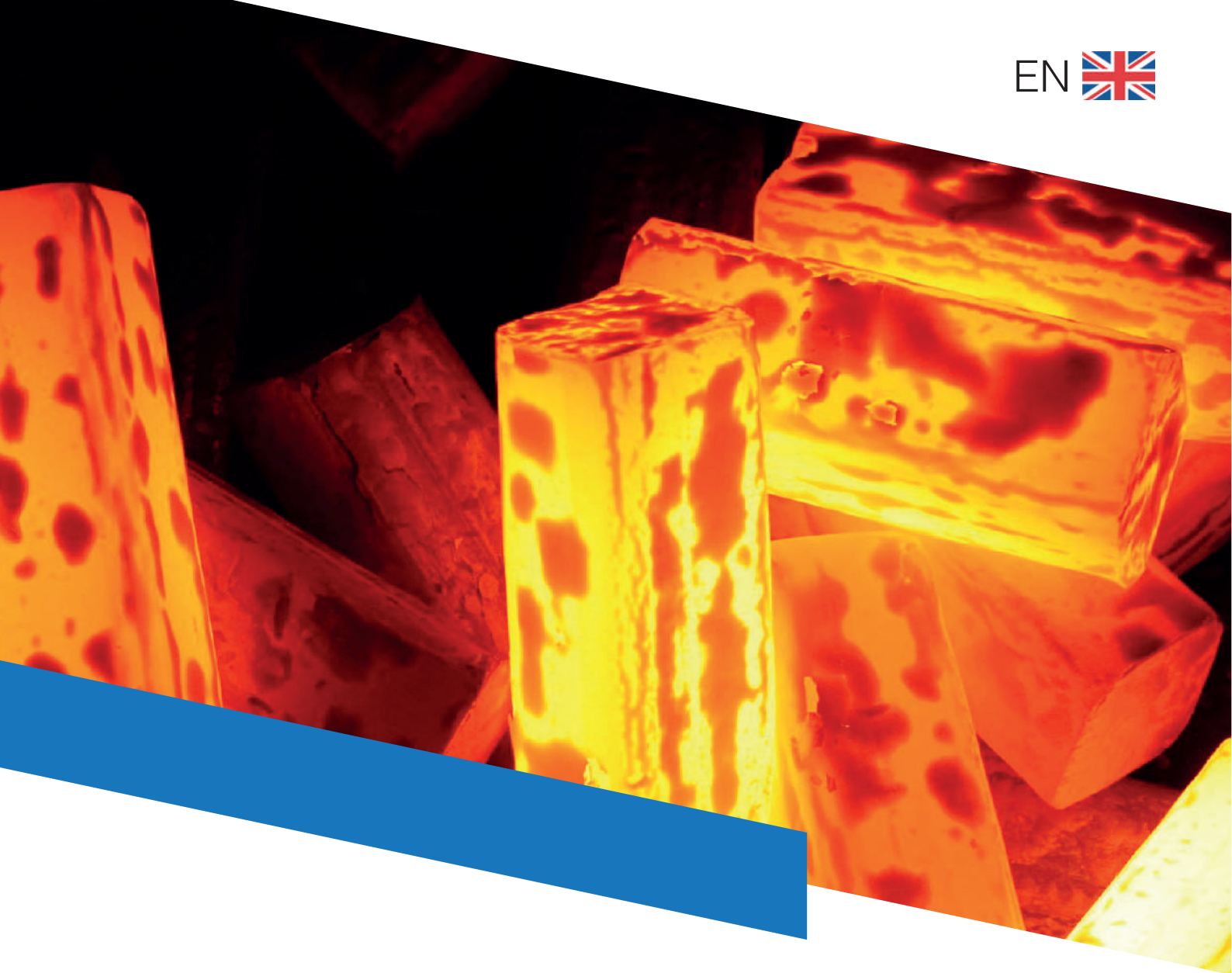


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Fabrizio Carlotto
Forged steel

COMPANY
PROFILE

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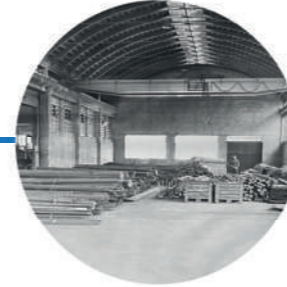
ABOUT US

Fabrizio Carlotto, founded in 1961 by the homonym founder, is today, thanks to the experience and passion of his two sons Tiziano and Claudio, an important point of reference in Europe in the hot forged steel sector. We are specialized in the production of forged parts for the following sectors: Agricultural and forestry, automotive, oil and gas, road construction, lifting and many others. Starting from 3D designing moving on to production, we are able to develop products on your request and help you trough all the process. On customer's request we can also provide finished items.

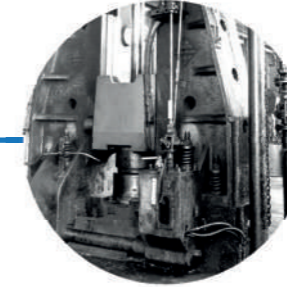


OUR HISTORY

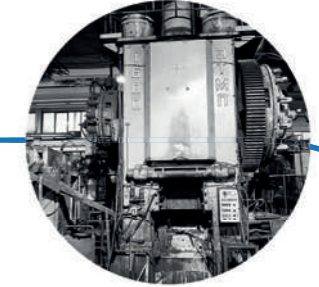
1961
Year of foundation



1973 Installation of the
2000 Ton forging hammer



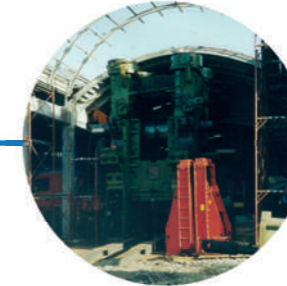
1981 Installation of the
first 1600 Ton press



2006 Installation of the
second 1600 Ton press



2000 Installation of the
4000 Ton press



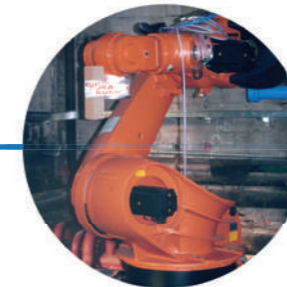
1995 Installation of the
2500 Ton press



2009 Installation of the
6300 Ton press



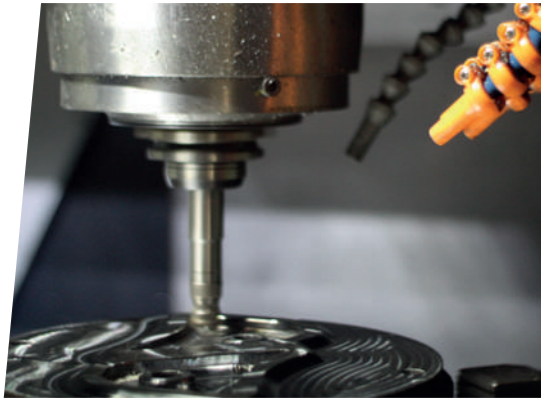
2013 Robotization of
three productive lines



2020 Development of
the die construction area



WHAT WE DO



DIE CONSTRUCTION

The designing and construction of the dies takes place directly inside our company, according to the most advanced technological systems through the use of CNC machining centers and lathes. The speed of preparation, with the help of CAM-controlled machines and careful supervision of the finishes, allows us to provide products in ever shorter times and also with higher quality. The construction and maintenance of the dies is made with mathematics stored on a central server, allowing perfect repeatability over time.



RAW MATERIAL

We believe that a good raw material is the basis for a good job. Therefore, the steel we use is always of first choice and is purchased only and exclusively from qualified and specialized Italian suppliers who certify its quality.

FORGING

We have 5 different lines for forging:

P1600-1 this line is made of one induction furnace of 600Kw/H, one 1600 Ton press and one 160 Ton press for deburring.

P1600-2 this line is made of one induction furnace of 600 Kw/H, one 100 Ton press for preforming, one 1600 Ton press and one 160 Ton press for deburring.

P2500 this line is made of one induction furnace of 1400 Kw/H, one 400 Ton press for preforming, one 2500 Ton press and one 250 Ton press for deburring. Highly robotized line.

P4000 this line is made of one induction furnace of 2400 Kw/H, one 400 Ton press for preforming, one 4000 Ton press and one 400 Ton press for deburring. Highly robotized line.

P6300 this line is made of one induction furnace of 4600 Kw/H, one 1000 Ton press for preforming, one 6300 Ton press and one 1000 Ton press for deburring. Highly robotized line.



MACHINING

We are able to deliver finished items on customer's request directly inside our company. We have a fleet of CNC machining centers from 3 to 5 axes. Over the years we have had the opportunity to develop partnerships with external companies specialized in the sector, on which we rely in the case of large quantities production.



QUALITY

The quality of our products is ensured by a control unit that carries out systematic surveys both in the first and in the final phases of the production process, using specific equipment such as durometer, spectrotest and magnaflux. Upon customer's request, we are able to supply the parts with ultrasonic test, 3.1 certificate and 3.2 certificate.



PRODUCTS



We are specialized in hot forging of carbon, alloyed, stainless steel, duplex, super duplex and special alloys since 1961.



OUR RANGE OF PRODUCTION STARTS FROM 0.5 KG UP TO 120 KG

SECTORS OF APPLICATION



AGRICULTURAL AND FORESTRY

- Parts for rotary harrows
- Parts for rotary tillers
- Parts for haymaking machinery
- Parts for land clearing machinery
- Parts for forestry mulchers
- Parts for stump cutters
- Gears



OIL AND GAS

- 90° elbows
- 45° elbows
- Tees
- Crosses
- Unions



AUTOMOTIVE

- Parts for trailers
- Wheel hubs
- Parts for transmissions
- Parts for clutches
- Parts for axles



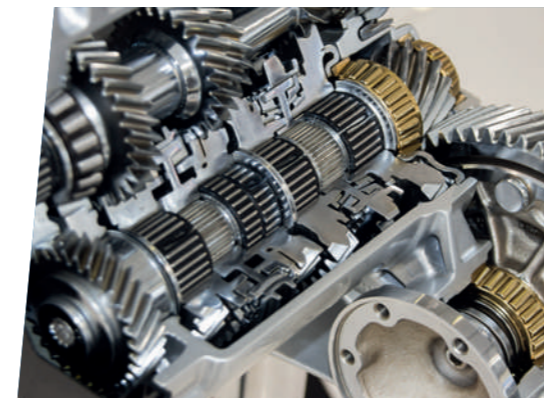
ROAD CONSTRUCTION

- Flanges
- Parts for road milling machinery
- Parts for rollers
- Parts for mining tools



LIFTING

- Hooks
- shackles
- Parts for cranes
- Lifting points
- Weld-on rings



OTHER SECTORS

- Chains and conveyors
- High pressure pumps
- Railway
- Transmissions

WHY CHOOSE US

QUALITY, RELIABILITY AND FLEXIBILITY IS OUR MOTTO.



QUALITY

Our quality is certified, we have the following certifications:

- ISO 9001:2015
- AD 2000 Merkblatt W0
- LLOYD'S Register



RELIABILITY

By choosing us, the company can count on a reliable and competent partner, able to ensure the fastest delivery times without compromising the quality.



FLEXIBILITY

Flexibility is our strenght point.

In fact, thanks to all the years of experience, we are able to project and produce pieces from 0.5 kg up to 120 kg with large flexibility regarding delivery times and quantities, we can do both samplings and bulk production.



Fabrizio Carlotto
Forged steel

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