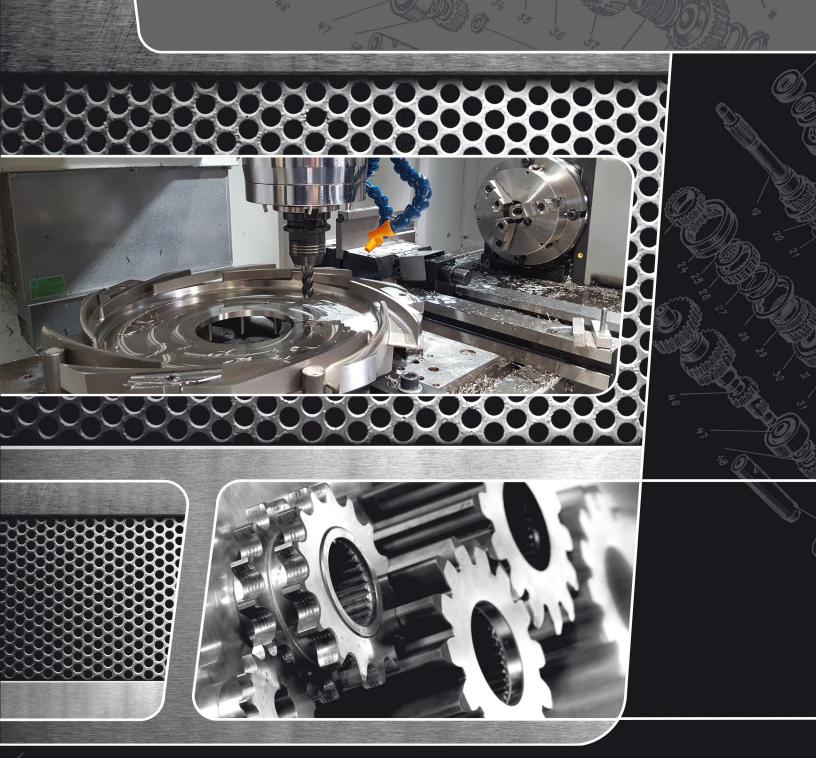






LAVORAZIONI MECCANICHE DI PRECISIONE











# TURNING MILLING HARDENING DESIGN

**GRINDING QUALY** 



**RANGE OF USES IN THE INDUSTRIES WE SERVE** 

AEROSPACE
AGRICULTURE
ARCHITECTURE
AUTOMATION
AUTOMOTIVE
CONSTRUCTION
FURNISHING
BUILDING

EARTHMOVING
HEAVY INDUSTRY
SPECIAL MACHINES
MOTORCYCLES
HUNTING
SPORTS FISHING
KEEP-FIT MACHINES
RENEWABLE ENERGY

## WE BUILD PARTNERSHIPS FROM A SOLID BASE:







FLEXIBILITY, DELIVERY AND QUALITY COMPLIANCE

#### THE COMPANY

Meccanica Vadese was founded in 1986 with a technical skill contribution from "Benelli Armi", so that initially activities were centred on the high-quality firearms sector.

The production range was progressively amplified and diversified and can now satisfy the specific needs of leading companies in a variety of sectors: earthmoving, fitness machines, motorcycles, firearms, rolling stock, renewable energy, design accessories, building, agriculture, heavy industry and special machines.

#### **OUR PRODUCTION**

In 2007, Meccanica Vadese launched its line of patented products aimed specifically at the sports fishing and hunting sector, conquering the top bracket of the European market.

This experience signifies that we are even more capable of satisfying the needs of our clientèle, enjoying the commercial and entrepreneurial spirit of a company able to supply the end user with its own products.

#### **OUR MACHINES**

Meccanica Vadese employs a qualified staff of 47 at its two factories, which house a wide variety of machines in premises covering over 4000 square metres.

We can undertake any turning operations using our 30 lathes of various types: bar lathes, second operation lathes and lathes with motorised heads. The 9 lathes used for the larger diameters are equipped with cantilever hoists for handling the workpieces.

For milling the company possesses 6 vertical multipallet machining centres with an operating range of up to 1000 mm and 2 horizontal CNC work centres, one with 10 pallets, 230 tools and a working range of 1200 mm cubed, the other with 2 independent machines equipped with 20 pallets on rails, 512 tools and a working range of 600 mm cubed.

One deep drilling machine, 4 presses up to 200 T and a long list of automatic saws and traditional machines complete the workshop.

In 2014 we added an induction hardening machine with a tempering oven capable of hardening diameters from 40 mm to 200 mm with maximum length 4000 mm.

The wealth of experience, the ability to work to the highest possible quality standards, the continuous professional and technical growth achieved through staff training and the continuous renewal of our machines all render the company both modern and dynamic.











# CERTIFICATION

**TRACEABILITY** 

**KANBAN** 

**FLEXIBILITY** 

QUALITY

#### **PARTNERSHIPS**

We can develop your project to obtain the best possible quality/ price ratio.

#### **FLEXIBILITY**

Meccanica Vadese can produce small production lots or undertake mass production.

#### **QUALY**

UNI EN ISO 9001:2008 UNI EN ISO 14000:2004

#### **PERSONNEL**

The company's technical staff have over thirty years experience in the precision engineering sector.

One of the company's strong-points is its continuous personnel training.

#### **ASSEMBLY**

In dedicated departments we assemble groups and complex subassemblies.

#### **MACHINERY**

Our modern machinery is a reflection of our high quality standards, allowing us to offer the highest possible quality at the best possible price.

#### TRACEABILITY

Together with the dimensional certification of the components, Meccanica Vadese also provides the certificates of origin of the raw materials and, on request, certificates relating to the surface treatments effected.

### WE BUILD PARTNERSHIPS FROM A SOLID BASE:



# FLEXIBILITY, DELIVERY AND QUALITY COMPLIANCE





#### MACHINING OPERATIONS

Meccanica Vadese can carry out precision turning, milling and grinding operations. We can machine steel, aluminium, brass and plastics.

We can work with profiles, extrusions, forgings and from solids. We can carry out turning operations on parts of external diameter up to 800 mm and maximum length 5000 mm on second operation lathes. The maximum workable diameter on bar lathes is 55 mm.

The company has ten years experience in the production of small components for leading firearms manufacturers and in the machining of hydraulic spindles for the earthmoving, building and agriculture sectors as well as for heavy industry and specialist machinery.

We can manufacture items in small quantities or mass produce them, with the option of tracing the components on request from the customer.

Meccanica Vadese also has a manual assembly department and a fitting section.

The jig department produces the tools that our technical office designs both for in-house machining and for orders from outside. The passage from the design to the machining program is by CAD-CAM.

#### **TREATMENTS**

Thanks to partnerships with leading companies in the finishing treatments sector, we can offer anodising, galvanising, chrome-plating, nickel-plating, burnishing, ionic nitriding, painting, phosphating, cataphoresis, sandblasting and micro-shot peening finishing treatments. Induction hardening is carried out in-house.

#### **LOGISTIC**

In addition to using the best transport services, we also have various different vehicles of useful capacity up to 150 cwt.

#### QUALITY

In addition to the classic roughness and profile measuring instruments, the company also has two metrology rooms equipped with machines for three-dimensional measuring operated by specialist technicians.

#### CERTIFICATION

The daily challenges of the national and international markets are increasingly centred on quality. For this reason, Meccanica Vadese has set this single goal in its sights. UNI EN ISO 9001:2008 certification confirms this continuing effort towards quality and provides the incentive to guarantee high product quality levels at all times Meccanica Vadese has been UNI EN ISO 14000:2004 certified since 2006, providing proof of the company's policy of attention to the environment.

The company is able to satisfy the customer's requests both as a third party and as the supplier of finished products, with its own procurement office and certified raw materials warehouse, and as such can also operate as primary contractor.



# MAIN MACHINERY FOSSOMBRONE COMPANY HEADQUARTERS

# **CNC-TURNING CENTERS**

PUMA350L CHURCHILL OMEG6 GOODWAY GCL-3 COMEC ARGON ZPS S50 MORI SEIKI SL-25B/500 BIGLIA B131/S1

# **CNC-MULTY-BAR TURNING CENTERS**

TRAUB TNL32 TRAUB TNL32 KYA TURN21 LINX 200L

# HORIZONTAL CNC-MACHINING CENTERS

MCM CLOCK T.1200, 10 TAVOLE, CUBO DA MM1200 E 230 UTENSILI

# **VERTICAL CNC-MACHINING CENTERS**

EIKON VMC 800P DOPPIA TAVOLA
FEELER QM-32SAAPC DOPPIA TAVOLA
TOPPER QVM-610A APC DOPPIA TAVOLA
EIKON MV2 DOPPIA TAVOLA
MACHT VMC 1000/A TAVOLA SINGOLA
PENTAMAC XM-1000 TAVOLA SINGOLA

# N. 2 ASSEMBY DEPARTMENTS

N. 1 CUTTING DEPARTMENT

# MAIN MACHINERY PIOBBICO SUBSIDIARY COMPANY

## **CNC-TURNING CENTERS**

BIGLIA 1200M SAMSUNG PL45MC BIGLIA 1000B TAKISAWA TC3 BIGLIA 1200M SAMSUNG PL60XLM DIAMANT CNC 30 DUPLO GOODWAY GS-4000L2M BIGLIA 1200 DAEWOO UMA8S DAINICHI F20

# **CNC-MULTY-BAR TURNING CENTERS**

BIGLIA 501M TAKAMAZ BIGLIA 52M MORI SEIKI ZT1000 BIGLIA 501Y-S

# HORIZONTAL CNC-MACHINING CENTERS

2 INDEPENDENT MACHINES EQUIPPED WITH 20 PALLETS ON RAILS, 512 TOOLS AND A WORKING RANGE OF 600 MM CUBED. SHAUBLIN 44-CNC

# **INDUCTION HARDENING MACHINE**

INDUCTION HARDENING MACHINE WITH A TEMPERING OVEN CAPABLE OF HARDENING DIAMETERS FROM 40 MM TO 200 MM. MAXIMUM LENGTH 4000 MM.

## N. 1 CUTTING DEPARTMENT





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