



TECNO MILL

The image features a 3D logo for 'TECNO MILL' mounted on a dark grey wall. The logo consists of two interlocking gears: a red one on top and a blue one on the bottom. The word 'TECNO' is rendered in a red, blocky font, while 'MILL' is in a light blue, blocky font. The letters are thick and have a slight shadow, giving them a three-dimensional appearance. The background wall has a faint, light-colored grid pattern.

**+50**  
**YEARS OF EXPERIENCE**

In the production of  
precision mechanical  
components

**+20**  
**CNC MACHINES**

Latest generation numerical  
control machines to offer the  
best in a short time

Precision mechanics since 1969

## Main applications



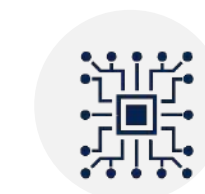
CIVIL  
SECTOR



MILITARY  
SECTOR



MEDICAL  
TECHNOLOGY



COMPUTER  
SCIENCE

# FACTS AND FIGURES

- 5000 sqm manufacturing plant and logistics area
- 33 employees
- Components in steel, aluminum and plastics alloys
- Prototyping and testing
- More than 1 million components produced
- Over 3 million euro turnover



# SERVICES

## MILLING



- QUICK AND VERSATILE SETUP
- VACUUM PROCESSING
- MORE THAN 1000 VARIETIES OF TOOLS
- PROCESSING UP TO 85.000 RPM

## TURNING



- HIGH-TECH EQUIPMENT
- VACUUM PROCESSING
- TURNING UP TO Ø 660
- TURNING FROM BAR TO FIXED/MOBILE HEADSTOCK
- SLOTTING
- MULTITASKING PROCESSING

## LASER & WATERJET



### MICRO-CUT

- CUTTING OF INORGANIC MATERIALS UP TO 1MM THICKNESS
- POSSIBILITY OF CUTS WITH COMPLEX SHAPES

### DATA MATRIX

- LOGISTIC OPTIMIZATION OF THE PRODUCT
- PERSONALIZED BARCODE AND QR CODE

### MARKING

- MARKING ON NON-PLANAR SURFACES
- SIDE OPENINGS TO WORK LARGE PIECES

## EDM



### DIE-SINKING

- PROCESSING OF ANY GEOMETRICAL SHAPE
- WORKING AREA 300X400X600 MM

### WIRE-CUTTING

- WORKBENCH 1050X820X305 CM
- MINIMUM THICKNESS OF THE CUTTING WIRE 0,1MM
- ERROR RANGE 0,001MM

### MICRO-PERFORATION

- HOLES UP TO 300MM DEEP
- HOLE DIAMETER FROM 0,3MM TO 3MM

## CONTINUOUS RENEWAL OF OUR MACHINERY TO KEEP UP WITH LATEST TECHNOLOGIES

Tecnomill relies on cutting-edge and extensive machinery to guarantee its clients the necessary quality standards in the most flexible, quick and competitive manner.



NEW ENTRY  
5 Axis Milling  
Machine  
BRETON  
MATRIX 800

# PROTOTYPING



## CNC PROGRAMMING

- INTERNAL PROGRAMMING FOR COMPLEX PROCESSING
- MODELLING AND CNC PROGRAMMING FOR THIRD PARTIES
- COLLABORATION TO PROTOTYPING

Complete assistance  
from design to  
production.

A team of experts always  
by your side.

# CONTROL AND TESTING

Tecnomill carries out an accurate control of all internal processes thanks to the high level of automation.

The final testing of manufactured components is thoroughly carried out with the most advanced technology.

- THERMALLY CONTROLLED ENVIRONMENT FOR IMPECCABLE RESULTS
- POSSIBILITY OF OPTICAL TESTING IN A SHORT TIME
- AUTOMATIC AND CATALOGUED TEST REPORTS
- MACHINES WITH THERMAL COMPENSATION SENSORS



## TEST ROOMS

### OPTICAL

- WEATHER ROOM WITH CONTROLLED ENVIRONMENTAL CONDITIONS
- OPTICAL CONTRAST CONTROL FOR INSTANT CHECKS
- FAST MEASUREMENT FOR SMALL COMPONENTS

### CONTACT

- WEATHER ROOM WITH CONTROLLED ENVIRONMENTAL CONDITIONS
- MULTISENSOR CONTROL
- LATEST GENERATION MACHINES
- CREATION OF 3D FILES DIRECTLY FROM THE SURVEY

# 4.0 MANAGEMENT

- OPTIMIZATION OF MANAGEMENT PROCESSES WITH CRM
- OPTIMIZATION OF PRODUCTION WITH ERP
- AUTOMATION OF LOGISTICS WITH SILO VERTICAL WAREHOUSE



## Know How

The entire company structure is managed through a network of integrated information systems, such as CRM (Customer Relationship Management) and the ERP (Enterprise Resource Planning), that maximize production and managing times.

## Automation

Tecnomill uses several automated systems that allow a controlled management aimed at minimizing errors, such as SILO automated warehouse.

## ULTRA-HIGH PRECISION FOR TOP QUALITY SECTORS

Tecnomill has the capabilities to meet the highest levels of precision and accuracy, ensuring quality, custom-tailored components.

Our ultra-high precision components are frequently chosen by organizations in the Military and Defense Industry as well as all the other sectors that require keeping up with the latest advancements in technology and machinery: Automotive, Medical Technology, Wind Energy, Agricultural Machinery.



## BIOMEDICAL INDUSTRY

*SAMPLE COMPONENT  
FOR DENTAL SCANNER*



# APPLICATIONS

## ULTRA-HIGH PRECISION FOR TOP QUALITY SECTORS

### AEROSPACE AND DEFENCE

Components for the aeronautics, aerospace and defence industries are our core business, thanks to decades of experience acquired in the sector.



# CERTIFIED COMPANY



Being certified is synonymous with quality, image return and reliability.

Acquired release:



Pending release:



# OUR PARTNERS



One of the world's major players in aerospace, defence and security, a global solutions provider for governments, institutions and business customers



One of the world's largest shipbuilding groups, global Italian reference player in cruise ship design and high-tech shipbuilding, from naval to offshore vessels



Main European supplier of defence and security technologies, from vehicles to arming systems, infantry equipment and aerodefence



Originally founded as a manufacturing company for Martin-Baker Aircraft, SICAMB today supplies components and ejectable seats for military agencies globally



Main Italian research organization for the study of the universe, it promotes and realizes innovative technologies in the fields of astrophysics and astronomy



A LEONARDO company, a reference point in the design and realization telecommunication solutions for the defence, security and emergency industry



For over 50 years, a leader company in the design and assembly of electronic boards and electronic devices



Well-known company in the military and aerospace sector, as well as the biomedical and robotic rehabilitation industry



Global leader in the field of electronics for aeronautics, defence, space and cyberspace



# CONTACTS



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