



SEMATECH

MECCANICA DI PRECISIONE

About Us

Sematech: Driving Excellence in Precision Manufacturing

Sematech was founded by **Sergio Valente**, a professional with over twenty years of experience who held top-level positions in some of the most important engineering firms in Molfetta, consolidating high-level managerial and technical skills. The company positions itself as a strategic partner for its clients, offering customized solutions with a focus on efficiency, reliability, and innovation.

The founder's technical and commercial expertise is a key differentiator. It includes a deep knowledge of mechanical design processes, mastery of CNC machining technologies, advanced management of the production cycle along with the implementation of quality control systems that meet international standards.

This is complemented by a proven ability to coordinate and develop production teams, maintaining a constant focus on precision, competitiveness, and customer satisfaction.

In December 2023, the management team was strengthened with the addition of **Vincenzo Gadaleta**, Production Director, and **Rosalia Sette**, Accounting and Finance Director. Both bring a solid background of experience gained in established metalworking manufacturer companies, where they held positions of responsibility and achieved significant results.

Vincenzo Gadaleta's professional journey has been built on the management and optimization of production processes. He has led complex departments and introduced work methodologies focused on efficiency and technological innovation. His experience now translates into the ability to guarantee high standards of precision, reduced production times, and continuous improvement of operational performance.

With a proven background in the administrative and financial management of companies in the metalworking sector, **Rosalia Sette** has contributed to the growth and stability of structured businesses. She has done this by developing management control systems, financial planning, and strategies aimed at ensuring financial solidity and economic balance. Her expertise strengthens the company's governance and ensures a clear and sustainable long-term vision for Sematech.

The combined contribution of these two key figures allowed Sematech to quickly strengthen its organizational structure, creating a synergistic balance among technological innovation, operational management and economic-financial sustainability.

Vision

To become a national and international benchmark in precision metalworking recognized for reliability, quality, and ability to innovate. We aim to contribute to the competitive development of our clients and the sustainable growth of the industry.

Mission

To support our clients as a strategic ally, providing precision engineering solutions based on cutting-edge technologies, specialized expertise, and efficient processes. We work to ensure quality, punctuality, and added value in every project, with the goal of building strong, lasting relationships founded on trust, transparency, and tangible results.



Our Values

Innovation, flexibility, internationalization

Innovation

Our state-of-the-art machinery is the result of years of research and experimentation of the best that the mechanical market has to offer. Innovation is a continuous process for us, translating into high performance, consistent quality, and added value for our clients.

Flexibility

We manufacture components and machined parts for a wide range of applications, adapting each project to the client's specific needs. Our strength lies in our ability to listen and propose targeted solutions that not only meet immediate requests but also improve a product's lifespan and reliability, sometimes even innovating the product itself.

Internationalization

With solid roots in Puglia and throughout Italy, but with an eye on the global market, we face new challenges with expertise and determination. Our highly qualified and constantly updated team allows us to combine ambition with professionalism, ensuring reliability and competitiveness in every international context.

Machine List

Essential - Streamlined - Versatile

Streamlined and essential equipment for fast and precise production, perfectly in line with your delivery times.



Mazak VTC200 - 3X

X: 1660
Y: 510
Z: 510

ISO40 Tool Holder
Spindle Speed: 12000 rpm



Mazak Variaxis 630-5x

X: 630
Y: 510
Z: 560

Table Length: 2000 mm
Table Width: 510 mm



EDM Agiecut Pro3

Max Workpiece Dimensions: 1050 x 650 x 420 mm
X: 500 mm
Y: 350 mm
Z: 426 mm



Mazak VTC200II 4x

X: 1660
Y: 510
Z: 510

Spindle Speed: 12000 rpm



Tacchella Grinding Machine 1018u

Max Grinding Length: 1000 mm
 Height of Centres: 180 mm
 Max Swing Diameter: 360 mm



Castor Horizontal Lathe 255VS

Height of Centres: 255 mm
 Max Swing Over Cross Slide: 320 mm
 Distance Between Centres: 1500 mm
 Bed Width: 320 mm
 Spindle Bore Diameter: 2 mm



Doosan Puma 2600 LYB-II

X: 260
 Y: 105 (+/-52.5)
 Z: 1350
 Spindle Rotation: +/- 360°



Tacchella Surface Grinder

X: 600 mm
 Y: 200 mm
 Z: 250 mm



Doosan Puma 3100 LY

X: 293 mm
 Y: 130 mm
 Z: 1350 mm
 Max Swing over Bed: 850 mm
 Max Turning Diameter: 420 mm
 Max Turning Length: 1285 mm
 Max Bar Capacity: 102 mm

Non-Stop Production

The DMG DMC 60T is a CNC 5-axis machining centre, designed to handle highly complex projects with precision, agility and flexibility.

Ideal for sectors such as aerospace, medical, automotive and precision engineering, it unites compactness and power in a highly automated structure.

Thanks to its 5-position pallet changer system, this machine can work continuously without interruption, even without an operator.

5-Axis Machining Centre DMG DMC 60T RS3

X: 780 mm

Y: 560 mm

Z: 560 mm

Continuous C-Axis

Continuous B-Axis (Head) $+30^{\circ}$ / -120°

Spindle DIN SK40, 12000 rpm, 26 kW

CNC Millplus Control

RS3 Automatic Pallet Changer 630 x 500 mm (5 Pallets)



Testing

Unique “Ready to Use” Products

The control and testing phase is crucial to ensure maximum quality and precision of our products. Our modern metrology laboratory is equipped with advanced instruments to perform reliable and certified dimensional and quality checks.

To better ensure top quality for our clients, we have chosen ZEISS as our partner, world-leading company in the production field of coordinate-measuring machines. The beating heart of our metrology lab is the ZEISS CONTURA, which guarantees absolute precision and compliance with the highest international standards.

MMC ZEISS Contura

MEASURING RANGE

X: 700 mm
Y: 1000 mm
Z: 600 mm





Sematech S.R.L.

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