

ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 85



UCIMU-SISTEMI PER PRODURRE



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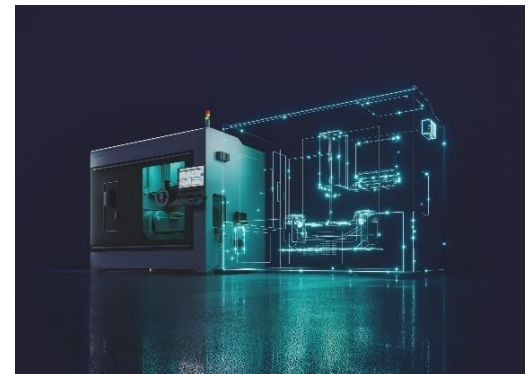
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SIEMENS



SIEMENS & CASTEK A SUCCESSFUL PARTNERSHIP GROWING



Since 2010, **Castek** has specialized in the manufacture of vertical lathes, supplying major companies worldwide in different industrial sectors; like aeronautics, railways, energy, shipyard etc. Castek lathes are characterized by high mechanical reliability, technological innovation and accuracy of execution; they can work stand alone and are set up to operate in true automated turning and milling centers.

Castek is structured with 4 internal division in order to be able to offer different and complete solution to the market.

The first division is the **Vertical Lathes Division**, that starts from design to the complete building. The portfolio offers machine for machining up to 6500 mm in diameter. These machines are developed according to customer needs and are equipped with innovative and sophisticated technologies. The TCS series of single-column vertical lathes are designed for machining small and medium-sized parts, while the TCD series of double-column vertical lathes are used for machining medium-sized and large parts. Both machine series are equipped with “**dual drive**” technology, that provides two separate spindle motors with two gearboxes to avoid machine downtime in case of failure.



The second division is dedicated to **Automotive** and cooperate with companies of the supply chain to create technological advanced solutions. In this division we found the **WRC series**, a vertical lathe designed for turning of light alloy wheels. WRC series has high-performance machine and can be customized totally.

The third division is the **Custom**, completely dedicated to offer special solution to solve production problem or adding special machining. This service is mainly offered to customers who have special requirements.

The last division is **Revamping**. This division has a different concept. In fact, **Castek** look to the sustainability by trying to recycle the good parts and design and build the new.

In addition to the many technologies that the company offers, **Castek** has always been able to count on the cooperation of one of the leading automation and CNC supplier in machine tool field, like **SIEMENS**.

SIEMENS is a leader company in all technology areas, first developing Software and Hardware and then testing in its own production sites, without ever losing sight of the issue **sustainability**.

By **Siemens Xcelerator** platform and under the motto "**Accelerate transformation for a sustainable tomorrow**", **SIEMENS** showed how companies in the machine tool industry can meet energy efficiency and sustainability requirements and satisfy the demand for high-quality, affordable, and individualized products.

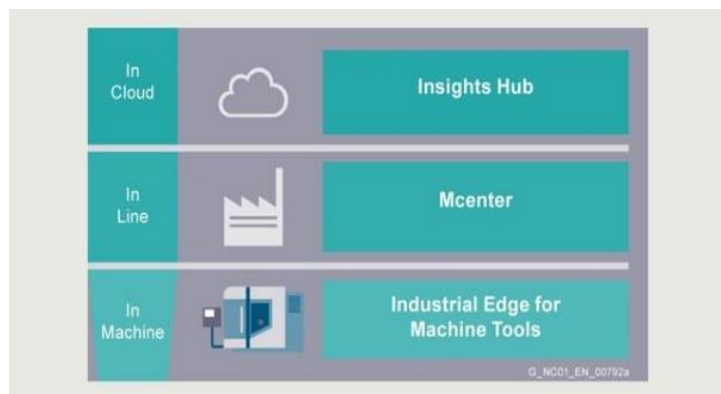


The key to meet these challenges on automation lies in digitalization and the associated data transparency. Only a digital enterprise is able to combine the real and digital worlds and make the right decisions using smart software tools in order to produce flexibly, quickly and sustainably.

MACHINUM is the section where you can find a wide range of software and hardware solution to make one or more machine tools smart and sustainable, all managed from a single server.

Products of **MACHINUM** portfolio allow OEMs or End-users to increase productivity and to be sustainability. By **MACHINUM** products, machine tools and production areas are analyzed and optimized, both virtually and in real time. **MACHINUM** portfolio combines modern IT (information technology) with modern OT (operations technology). **MACHINUM** is an integral part of **Siemens Xcelerator**, the open digital business platform that includes a portfolio of software and IoT-enabled hardware, an ecosystem of partners and a marketplace.

With **MACHINUM**, companies in the machine tool industry can make a digital transformation easier, faster, and scalable in both manufacturing and design. Combined with **SINUMERIK ONE**, the Digital Native CNC control, the transformation towards to the Digital Enterprise will be a success.



In fact, the latest CNC **SINUMERIK ONE** includes 8 customizable energy-saving menus through **CTRL+E** functions, e.g., during coffee breaks, lunch breaks or other periods of machine inactivity, many complementary devices can be deactivated for greater energy savings.

For future-proof and sustainable manufacturing with machine tools.



Further additional deep information about MACHINUM digital portfolio and CASTEK company, please visit the websites: www.siemens.com ----- www.castek.it ----- info@castek.it

The project Piattaforma India has been promoted by UCIMU – Association of Italian Machine Tools Manufacturers and AMAPLAST – Italian Plastics and Rubber Processing Machinery and Moulds Manufacturers Association. The two associations agreed on the idea that promoting a network of associations and entrepreneurs who have developed knowledge and experience on the Indian market, can be useful in favoring of new paths of development for business. The Indian companies who are interested to form JV, cooperation, technical tie up, purchase machinery etc from/with Italian companies can contact below mentioned address for any assistance:

Contact information of Piattaforma India desk:

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