

ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

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UCIMU-SISTEMI PER PRODURRE



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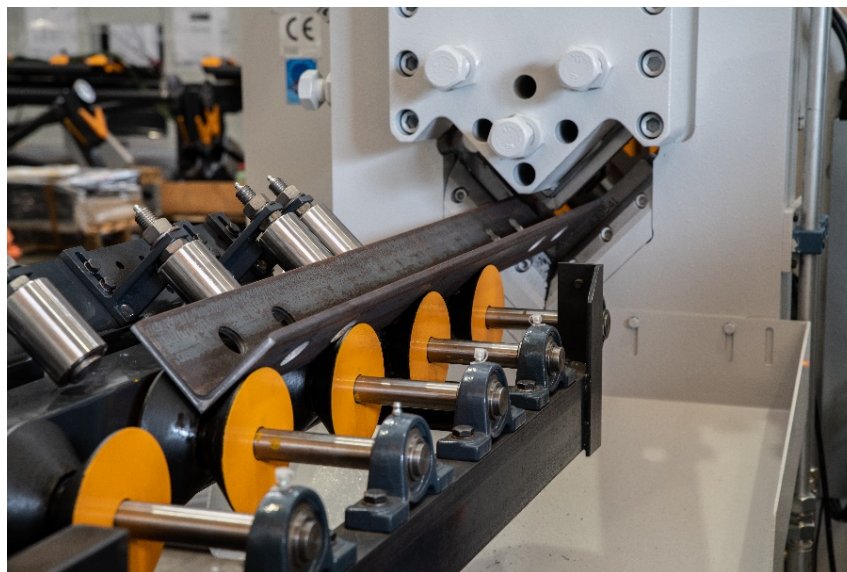
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XP T: FICEP STEEL ANGLE FABRICATION LINE INCORPORATES PUNCHING, DRILLING, NOTCHING, MARKING, SHEARING

Thanks to FICEP's extensive experience as a global leader in the design and production of angle lines, the company's engineers have developed a brand-new range of angle processing lines. The FICEP XP-T product line represents a significant technological breakthrough in angle line design, to meet the increasing demands for productivity, capability, and accuracy in the most challenging applications across various industries.

The XP-T is a high-performance CNC punching and shearing line specifically engineered for processing angles. However, its versatility extends beyond punching and shearing; it is also capable of performing additional machining operations such as drilling, marking and notching, depending on the customer's requirements. With industry-leading processing speeds, the XP-T has become the preferred choice for a wide range of manufacturing applications, including typical tower fabrication and other complex structures.



One of the most remarkable features of the XP-T is the incorporation of numerous innovative technologies. Each tool diameter features its own punch cylinder assembly so it can be positioned to the required gauge line while other diameters are punched. This eliminates the time to change gauges as this occurs in masked time. **Up to six different punch press assemblies can be furnished to accommodate different hole size requirements without a tool change.**



The XP-T is equipped with an advanced automatic roller clamping system that ensures the material remains securely engaged during the positioning phase. This feature eliminates the need for manual clamping and unclamping operations between each punching cycle, which enhances precision and reduces downtime. The FICBP XP-T is able to process angles at speeds of up to **120 meters per minute**. The carriage positioning system enables **full automation** including automatic stock length loading, measuring, discharge of finished parts and the removal of the scrap or drops while maximizing material utilization. This unique level of automation permits one attendant to monitor the production of several lines.

In addition to its impressive speed and precision, the XP-T is designed for comprehensive automation. It includes automatic features for stock length loading, accurate measurement, discharge of finished parts, and removal of scrap or drops. This level of automation allows for minimal manual intervention, enabling a single operator to oversee multiple lines simultaneously. The XP-T can be configured with various options, including automatic loading tables, rotary loaders for seamless transfer of angles from the loading table to the infeed conveyor, and infeed and outfeed conveyors of different lengths. This flexibility allows the system to be tailored to specific operational needs and spatial constraints.



Multiple marking options, automatic notching units and high-speed drilling spindles can be added to the XP-T to make it an all-in-one solution.



With its advanced features and focus on enhancing processing efficiency, the XP-T sets new standards in the angle processing industry. It not only meets but exceeds the demands of the most complex industrial applications, providing a high level of productivity, precision, and versatility. The XP-T is engineered to deliver superior performance, making it an excellent choice for modern manufacturing challenges and establishing itself as a cutting-edge solution in the field of angle processing.

FICEP COMPANY PROFILE

FICEP is the world's leading machine tool manufacturer for the fabrication of structural steel and forging industry, with an experience of over 9 decades. Our extensive and innovative product range and its aggressive penetration of the world market has been achieved by the creation of many subsidiaries all over the world.

Located next to the Alps in Varese, Italy, we have specialized production facilities. The main location in Gazzada Schianno, which includes over 100.000 sqm, also contains Headquarters, R&D, Academy of Technology, Showroom and the main after sales service departments.

Our mission is to satisfy the demand of machinery and systems for the high quality processing of metal profiles in the most profitable markets, promoting the FICEP brand and trademark globally. Our wide range of machinery fully satisfies the demanding requests and covers all needs in the structural steel, fabrication and forging industry.

Find out more on <https://ficepgroup.com/en/>



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:

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