

ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 79



UCIMU-SISTEMI PER PRODURRE



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FICEP HIGH PERFORMANCE CNC PUNCHING AND SHEARING LINES FOR ANGLES XP-T

Thanks to our extensive experience that has been gained as the world's leader in the design and production of angle lines, our engineers have been able to create a brand-new range of angle processing lines. The XP-T product line represents a technological breakthrough in angle line designs for diverse applications. The XP-T product range is our response to the productivity, capability and accuracy demands of the world's most challenging applications, being able to perform punching, drilling, notching, shearing and marketing operations all in one.

Notching of angle, angle iron miter cuts, angle coping, angle iron corner joints, angle iron bracing in addition to punching, drilling marking and shearing of angle is part of the miscellaneous steel fabrication processes required in angle iron. The comprehensive steel fabrication technology that FICEP has engineered into their XP-T angle lines addresses these fabrication processes.



Notching is accommodated in both legs of the angle with a diverse arrangement of multiple notching tools that can be automatically selected and orientated to achieve unrivaled flexibility for these applications.

The industry leading speed of the XP-T angle line makes this the CNC angle line of choice for diverse manufacturing applications and also for typical tower fabrication.

Several unique innovative features have been incorporated into this unique product to make it the "World's Fastest Angle Line" on the market today. Each tool diameter features its own punch cylinder assembly so it can be positioned to the required gage line while other diameters are punched. This eliminates the time to change gages 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.

Roller material clamp assemblies stay engaged with the angle even during material positioning to eliminate the requirement to clamp and unclamp the material for each punching cycle.

A positive rack and pinion material positioning system generates industry leading accuracy and speed. 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.

Marking is integrated into the line to establish part identification. This can be achieved with either a system of indexable cartridges each containing multiple characters or a fully programmable marking press.

A servo powered hydraulic power unit delivers the optimum combination of oil flow and pressure based upon the actual status of the press cycle.

Discover more about our XP-T line on <https://ficepgroup.com/en/products/xp-t/>



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 comprises 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 on a global basis, promoting the Ficep brand and trademark with prestige. Our wide range of machinery fully satisfies always more demanding requests and cover all needs in the structural steel and fabrication 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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