

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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XBLADE: FICEP NEW LINE FOR CNC PROCESSING OF STEEL BEAMS ENSURES BIG GAINS IN PRODUCTIVITY AND FLEXIBILITY

The competitive landscape of the steel construction industry is evolving very rapidly, and the numerically controlled technology with which structural elements are processed is redefining the production priorities to be managed for the success of one's company. Process automation is one of the levers available to production managers who, by pushing in this direction, can increase productivity and job safety levels.

FICEP new XBLADE CNC line fits into this vision and represents an innovative solution that promises to revolutionize the industry. In fact, XBLADE represents a breakthrough in CNC machining, offering unprecedented machining flexibility and precision.

The new XBLADE CNC line for drilling, tapping, milling and cutting with disc blade is capable of processing steel beams of various sizes, handling sections of up to 305x305 mm on three sides and 450x450 mm on one side, performing complex drilling, tapping, milling and disc sawing operations. Adding a further degree of flexibility is the ability to process various types of light alloy profiles, used in a wide range of applications in the construction industry.



The innovative feature of XBLADE is the ability to perform three-axis processing even on inclined planes, in two different directions. The 5-axis head consisting of two rotating wrists allows the tool to be positioned at virtually any point in the working space. The working area is delimited with light barriers. It is a moving column machine in which the longitudinal X-axis can be configured on request with one-meter pitch.

The compact and modern design together with the on-board integrated electrical cabinet as well as the air conditioning system and spindle liquid cooling system **optimize the footprint of the system.**

The control unit from which the operator manages the working cycle is equipped as standard with **Polaris, the latest HMI developed by FICEP**, which, through a new interface designed with the main objective of improving usability and displayed on a 21 ½ inches monitor, guides the operator by facilitating the management of working programs. In addition, through **Ficep Steel Project software** and CAM software for generating ISO programs, programming and work optimization become simple and intuitive processes.

Ficep XBLADE is an example of how technology can support and nurture this excellence and raise production standards, offering efficient and versatile solutions to today's challenges.



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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