

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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VALIANT BY FICEP: THE NEW AUTOMATIC CNC LINE FOR DRILLING SECTIONS FOR THE STEEL CONSTRUCTION INDUSTRY

Valiant is the new Ficep **drilling line** to perform **advanced and high-performing milling** operations, beside the **scribing** operations, as a stand-alone line or combined with a saw line or robot.

An extra value that assures higher performances and reduced cycle times.

Valiant inherits all the strengths from the Ficep drilling range, with additional technological improvements. The line has an electro welded steel structure that guarantees solidity and stability, resulting in the same time agile enough to ensure highly dynamic performances.

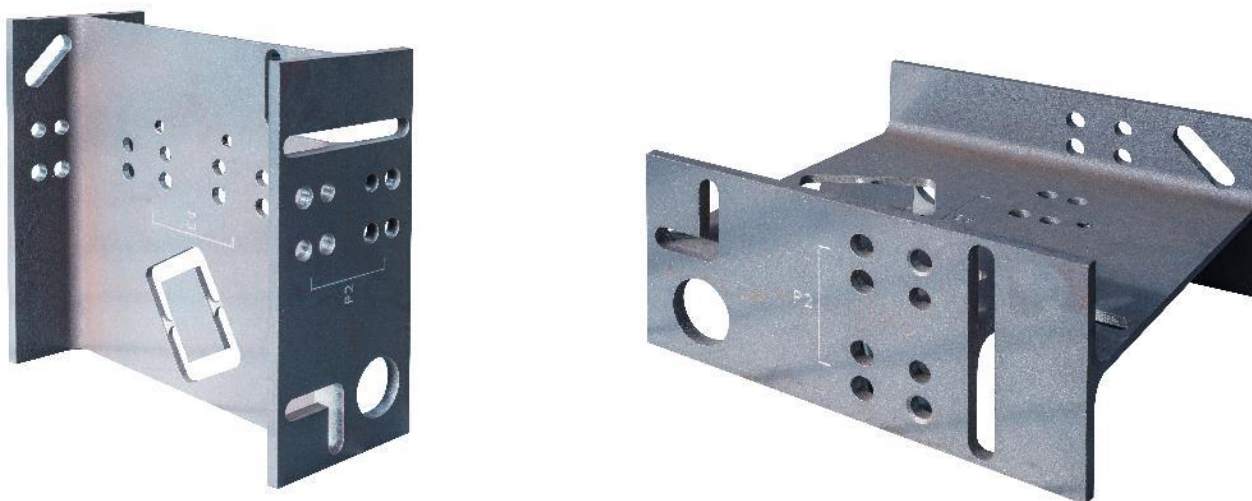


Compared to the existing models, one of the **numerous innovations** is the advanced clamping system of the piece, the new blocking system and two independent handling cylinders that allow to process all the operations on the top and bottom of the beam.

Valiant is a generously dimensioned machine, able to handle pieces that are usually processed in the civil and industrial constructions.

The spindles are designed by Ficep and suit perfectly in terms of strength and available torque, to process the requested operations.

Other strengths are the **auxiliary axes per each operating head**, which allow to process, without moving the beam, numerous operations like special milling and “rat holes”.



This kind of operations are usually processed with other technologies like oxy-cutting or other machines. Now instead the same can be realized through chip removal with specifically shaped tools and with specific software cycles already integrated in the machine.

Being able to position the beam and process all the operations without moving it again, allows to **gain time and precision due to the simultaneity of the processing operations**.

Moreover Valiant can be equipped with automatic tools storage with up to 14 positions for each head. This is a significant increase of the availability of tools that allow to complete all the necessary operations on the beam (drilling, milling, scribing, etc).

All this consent higher performances and a considerable reduction of the working cycles.

Also thanks to the use of technological solutions and innovations, like a numerical control that gives numerous advantages.

The main one is the possibility to customize the machine capabilities and to add specific programs.

Moreover the firmware is common to all Ficep lines and only certain functions are activated based on the operations that have to be processed.

Discover more about our VALIANT series on <https://ficepgroup.com/en/products/valiant/>



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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