

# ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

June 2024

PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 90



UCIMU-SISTEMI PER PRODURRE



**Need Buyer Credit Finance to buy machine?**

We can help you!

please write to us – [italianmachinery@indiaitaly.com](mailto:italianmachinery@indiaitaly.com)

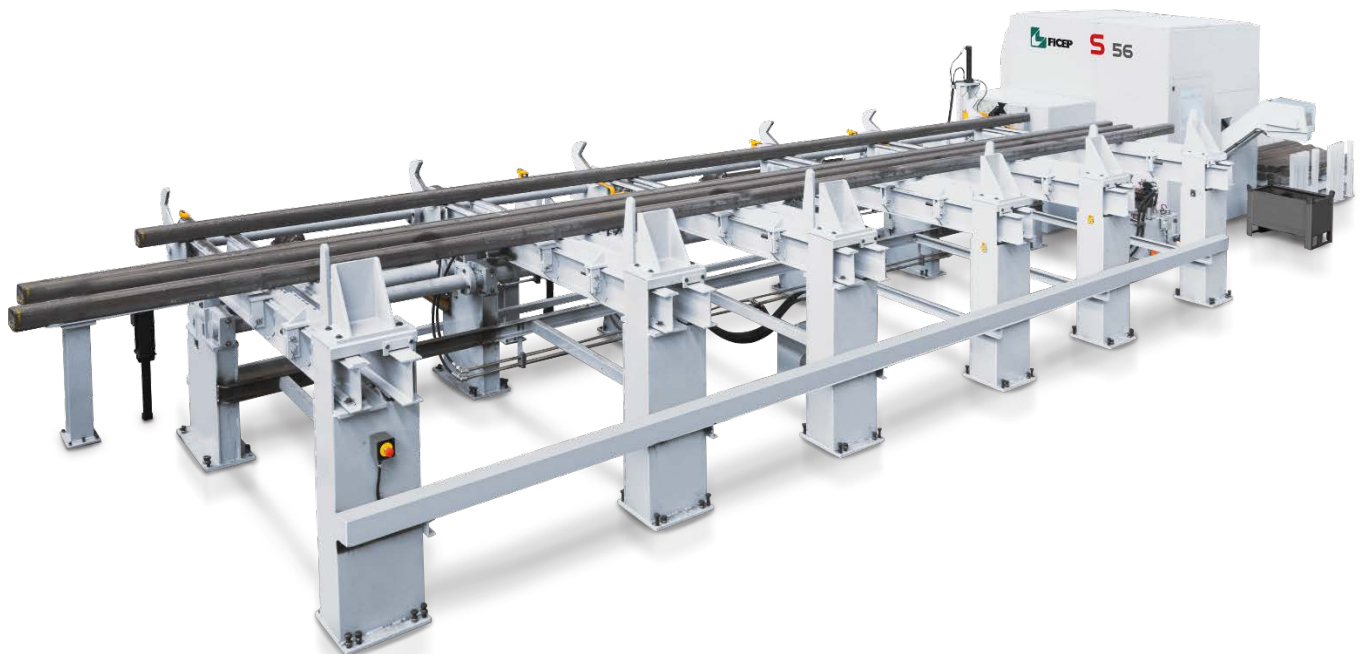


## **S-SP-VS: HIGH SPEED AND PRECISION WITH AUTOMATIC DISC SAWING LINES WITH "CARBIDE TIPPED" BLADES**

With over 9 decades of experience in the manufacturing of billet shears and CNC shearing systems, FICEP is presenting a new range of **high-performance disc sawing machines with "carbide tipped" blades**. We have achieved considerable reductions in sawing costs by increasing productivity in terms of speed, accuracy, sawing quality and scrap reduction. Our high-performance sawing machines are characterized by an extremely sturdy construction with high structural stiffness. Long blade life and sawing quality are assured by the automatic adjustment of the cutting parameters during the working cycle.

FICEP has included in its range of products dedicated to the forging division, 3 models of disc saws, each with its own peculiarities: S, SP, VS. The offer of high-performance disc saws, which use blades with carbon teeth, is the result of our long experience in the production of CNC cutting systems.

The saw is engineered for the dynamic adjustment of the blade rotation speed and of the head feed during the entry/exit phase in the pipe, thus reducing overall cycle time. In addition, the saw is fitted with a special blade guiding system which minimizes vibrations produced during the working cycle and ensures a high-quality finished product.



FICEP offers several series of high-speed sawing machines, each designed to cut specific types of material with efficiency and precision.

- **SP Series:** Ideal for high-speed tube cutting.
- **S-Series:** Optimized for high-speed cutting of round, square and shaped profiles.
- **VS Series:** Designed for high-speed cutting of bars, plates and tubes. The VS Series saws are vertical disc saws with a carbide blade with a bottom-up rise, offering optimal performance and versatility.



### **SP SERIES**

FICEP's circular carbide saws have revolutionized the processing of pipes, offering a solution to enhance productivity. This advanced sawing technology surpasses the constraints of conventional disc or band saws, delivering exceptional performance in speed, precision, cutting quality, and waste reduction.

### **S SERIES**

This type of disc sawing machine is adapted for round, square and special shapes profiles and offer a fast and precise cutting solution.

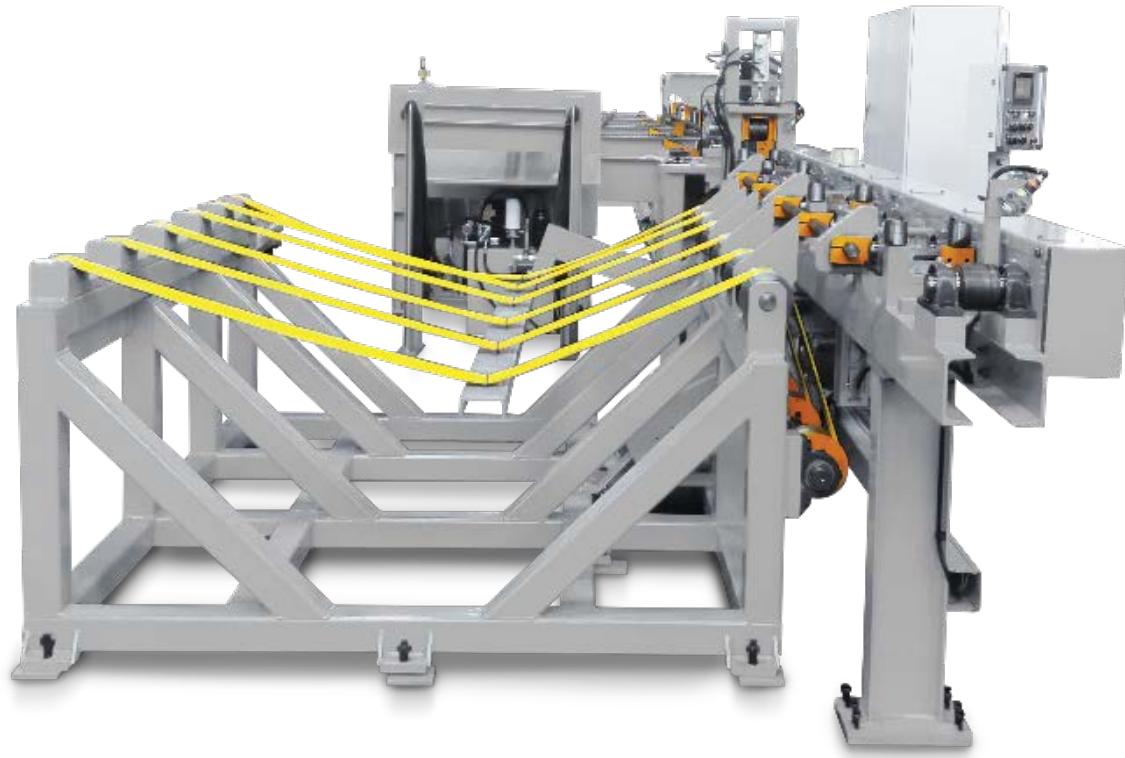
### **VS SERIES**

FICEP's circular carbide saws has been designed to address the productive processing of pipe, tubes and miscellaneous profiles. The "fast" saws of the VS Series are particularly suitable for cutting plates due to their lower blade stroke. In addition to this, they offer a free and comfortable worktable for material introduction, an extremely fast blade-change and great versatility that allows you to cut even round/square bars and tubes.

**FICEP's automatic disc cutting lines are equipped with an electronic system with the latest generation of Siemens PLCs.** This system uses modular digital boards for the control of machine cycles and a Siemens touch screen operation panel with function keys. Among the main functionalities are the automatic control of the bar loading devices, the movement of the bar on the rollers, the automatic cycles of the sawing machine and related accessories, the billet evacuation device, and the partial and total counting of the number of cuts.



**FICEP's high-speed automatic disc cutting lines with carbide tasked blades are at the forefront of the metal cutting industry.** With their advanced technology and superior performance, these sawing machines offer unprecedented efficiency, allowing companies to increase their production capacity and reduce production costs. With a complete range of models suitable for different cutting needs, FICEP confirms itself as a leader in the sector, providing innovative and reliable solutions for the challenges of modern industrial production.



#### **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:

Contact information of Piattaforma India desk:

**Mr. Nilesh Joshi**  
**Business Manager - Italian Machinery in India**



C/o The Indo Italian Chamber of Commerce and Industry  
11th Floor, Tower - A, Urmi Estate95, Ganpatrao Kadam Marg,  
Lower Parel (W), Mumbai 400013, Maharashtra  
P: +91 22 67728186  
Mob : +91 7666795385  
Fax. : +91 22 67728191  
Email : [italianmachinery@indiaitaly.com](mailto:italianmachinery@indiaitaly.com)