

# ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 84



UCIMU-SISTEMI PER PRODURRE



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## ES10 LINE

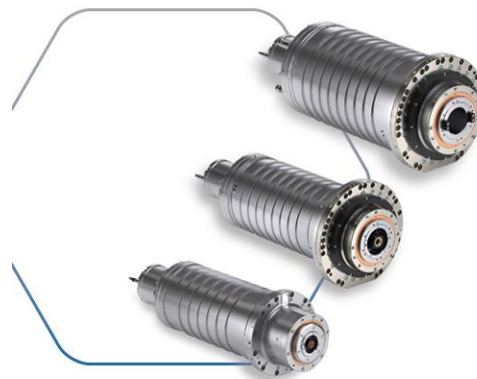
*The new HSD electrospindle range is modular and flexible*

The **ES10 Line** electrospindles are designed to equip **milling centres** that machine components of varying geometry and in medium and large series, for different types of material, **from light alloys to cast iron**.

ES10 Line spindles are characterised by their large front bearings, which ensure **better results in cutting operations**. In addition, the variable preload of the bearings, via **hydraulic command** allows the spindle bearing to withstand even **higher radial loads**.

The new HSD electrospindle line is equipped with a **shaft kit including bearings** to minimise machine downtime during maintenance.

## ES10 LINE HI-TECH ELECTROSPINDLE



[HSDMECHATRONICS.COM](http://HSDMECHATRONICS.COM)

**HSD**  
MECHATRONICS

The ES10 Line is available with an integrated HSD **vibration sensor** and a **shaft clamping system** for **turning operations**. The lifespan of the clamping system can be increased **to reach up to 5 million tool changes**, compared with a standard spindle that reaches only 1 million.

What's more? The entire ES10 Line is designed to be **connected** to the **myHSDIoT** platform, generating a **high-performance duo**. By connecting the electrospindle to the platform, spindle performance is combined with the possibility of reading all the **data** that it can transmit remotely, allowing **real-time monitoring** of the spindle status during machining operations.

All these features make the new ES10 Line a highly **modular** range of electrospindles, able to adapt to the **multiple needs** of users and the ever-increasing pace demanded by today's market.

**FIND OUT MORE:** <https://www.hsdmechatronics.com/en/product-families/electrospindles-atc/es10-line/>

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:

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