

ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 79



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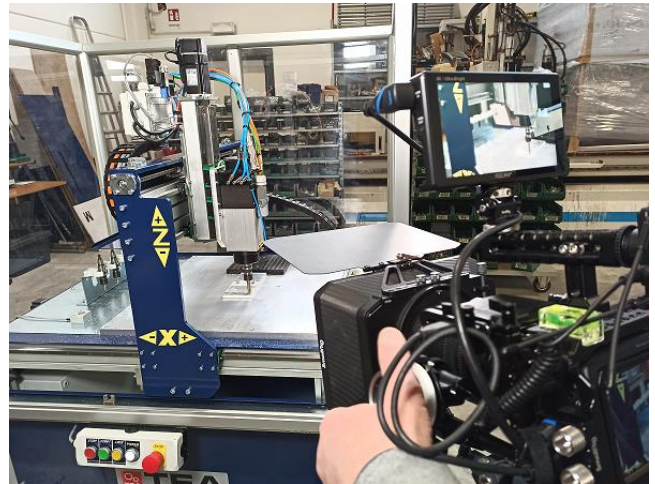
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THE ES320 SPINDLE, A POWERHOUSE OF TECHNOLOGY FOR OUR CUSTOMER: TEA TECHNOLOGY

From a meeting with **Franco Bulleri**, CEO and Designer at **Tea Technology**, we learnt all about our customer's company based in Vico Pisano (PI) which was founded back in 1935 as a manufacturer of **woodworking** machine tools and then became a company that is now a melting pot of projects.

In addition to offering consultancy, the company also manufactures machine tools which are suitable for small machining jobs. What TEA produces *"are small, compact machines with automatic tool change. This means that they can perform various processes on the material and also produce high precision parts"* said **Michele Barsacchi**, designer at Tea Technology.

For years, Tea Technology has relied on **HSD's mechatronic solutions** since HSD makes *"a reliable product that offers guarantees and support for both us and the customers who purchase the machines"*, Franco Bulleri said. The wide range of products offered by HSD meets the needs of its customers and therefore also those of TEA Technology since it includes solutions with high-performing, small, space-saving motors which are light weight but high quality.



The Pisa-based company has chosen to use the **ES320 spindle** in its machining centres. It is *"a technologically advanced motor with adequate power which can be used to machine various materials such as aluminium, wood, plastic, and therefore also allows us to cover several production sectors"* – Michele Barsacchi. The ES320 range of electrospindles has been designed to develop **high power with reduced dimensions**. They are the same size as a 1073 rectangular electrospindle but offer the same performance as an automatic tool changer. This product line available with ISO20 attachments can be installed on automatic machines, robots, CNC routers and desktop routers. The ES320 range electrospindles can be used in a number of machining processes ranging from finishing plastic, drilling aluminium, shaping signs, cabinet making and all types of woodworking.

With this range of electrospindles, HSD has created a **compact, high performing** product for customers, such as Tea Technology, who need a spindle that can perform multiple operations on a multitude of materials without sacrificing power. Although it is small, thanks to the quality of its mechanical and electrical components, the ES320 can **reach up to 1.38kW in 6 seconds**. The ES320 therefore provides, according to Bulleri, *"a powerhouse of technology in a small, compact, reliable and high performing motor"*.

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https://www.hsdusa.com/viewdoc.asp?co_id=1641

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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