

# ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 92



UCIMU-SISTEMI PER PRODURRE



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## **FIDIA: PRECISION AND SPEED OF PERFORMANCE**



**Fidia S.p.A.**, active in the **machine tool** sector since **1974**, has positioned itself as a leader in numerical control technology and integrated systems for milling complex shapes, thanks to its ability to provide its customers with customised, high quality machinery.

Fidia's flagship product is the **DL321 line** of gantry milling machines, designed to meet the most sophisticated requirements in terms of precision and productivity. This recently completely revamped series is an excellent example of advanced technology and is the ideal solution for finishing moulds and machining aeronautical components, thus meeting the main requirements of precision, speed and versatility demanded by the Indian market. Recently a major Indian group, Fidias customer since 2018, acquired the DL321 precisely because of its high speed in die finishing and its balanced ratio between operating volume and floor space.



### **Main features**

**Innovative design:** the series is equipped with an original RAM solution rotated by 45° that guarantees greater rigidity and optimal thermo-symmetrical behaviour. An innovative feature, essential for achieving precision and stability during machining.

**Advanced technology:** XY axes with linear motors enable high speeds and acceleration, making the DL321 ideal for machining various materials such as steel and aluminium alloys.

**Compact size and large operating volume:** despite its compact dimensions, the DL321 offers a considerable operating volume, ideal for complex, high-precision machining.

**Excellent accessibility and visibility:** the large glazed front door facilitates access to large moulds and tooling, offering excellent visibility during operations, which is essential to guarantee the quality of machining.



### Application sectors

**Automotive:** the DL321 line is optimal, due to its advanced technology and robust design, for the high precision required in the automotive sector in mould machining and particularly in finishing.

**Aerospace components:** perfect for machining structural components made of light alloys, such as aluminium, titanium, alloy steels, which in the aerospace industry require high precision and efficient 5-axis machining.

[www.fidia.it/en/](http://www.fidia.it/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:

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