

**ITALIAN MACHINE TOOLS, ROBOTICS &
AUTOMATION INDUSTRY - NEWS**

Feb 2018

Piattaforma India project

Newsletter No. 23

AP AMAPLAST
ITALIAN PLASTICS AND RUBBER PROCESSING MACHINERY
AND MOULDS MANUFACTURERS' ASSOCIATION



UCIMU-SISTEMI PER PRODURRE



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Metal cutting and metal forming machines,
robots, automation, digital manufacturing,
auxiliary technologies, enabling technologies.

**Repar2: A GOOD EXAMPLE OF THE
"MADE IN ITALY" WORLDWIDE**

Repar2: a good example of The "Made in Italy" worldwide REPAR2 projects, manufactures and engineers since 1970 Safety Guards for Machine Tools in its wide modern factory located in Gorla Minore (Varese) and offers quite a wide range of standard products for lathes, milling machines, grinding machines, drilling machines, slotting machines, sawing machines, presses, boring mills, tool grinders together with perimeter guarding and antifatigue/anti-skidding foot-boards and industrial lamps. Nowadays Repar2 is the leader in the field of safety on machines for mechanical industry exporting most of its production worldwide, not only in Europe but in every Country where the CE Norms have been adopted and participating to a great number of International Exhibitions through their wide and professional Distribution net.



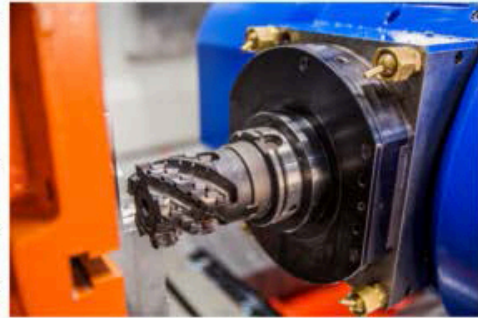
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to be continued



STRUCTURAL RIGIDITY, HIGH SPINDLE TORQUE, VIBRATION CONTROL AND SENSORIZATION. THESE ARE THE MAIN FEATURES WITH SPARK Ti, MANDELLI'S 5 AXIS MACHINING CENTER FOR TITANIUM, STEEL PROCESSING AND HIGH RESISTANCE ALLOYS MACHINING

Titanium and titanium alloys have found widespread use in areas requiring lightweight structures able to withstand major stresses, such as Aerospace, where they are used to produce both structural elements and components for landing gears. According to Mandelli, the ideal solution for Titanium machining in Aerospace is a 5-axis machining center with high stock removal rate. Thanks to the double drive tilting head capable of generating a 12,000 Nm continuously controlled torque and an automatic backlash recovery system, Spark Ti performs 5-axis roughing operations ensuring surfaces close to those of the finished work-piece and high precision finishing operations without the typical signs of traditional mechanical transmissions.



[More info...](#)

LINEAR MOTIONRAILS, WHAT'S THE SECRET FOR GAINING MORE PERFORMANCE?



The ROLLON Group, based in Vimercate (MB-Italy) and present on the international market and in India with a direct branch in Bangalore, is specialized in linear motion systems offering one of the world's most complete ranges, which includes linear and telescopic rails, and actuators for linear motion in many sectors: industrial machines, packaging, railways, aerospace, logistics, medical and special vehicles. The most performing Rollon's linear and telescopic guides, widely used in heavy duty and industrial applications, distinguish themselves by the induction hardening of the raceways, a heat treating process that allows remarkable achievements in quality, durability and reliability of the guides.

[More info...](#)

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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