

ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 81



UCIMU-SISTEMI PER PRODURRE



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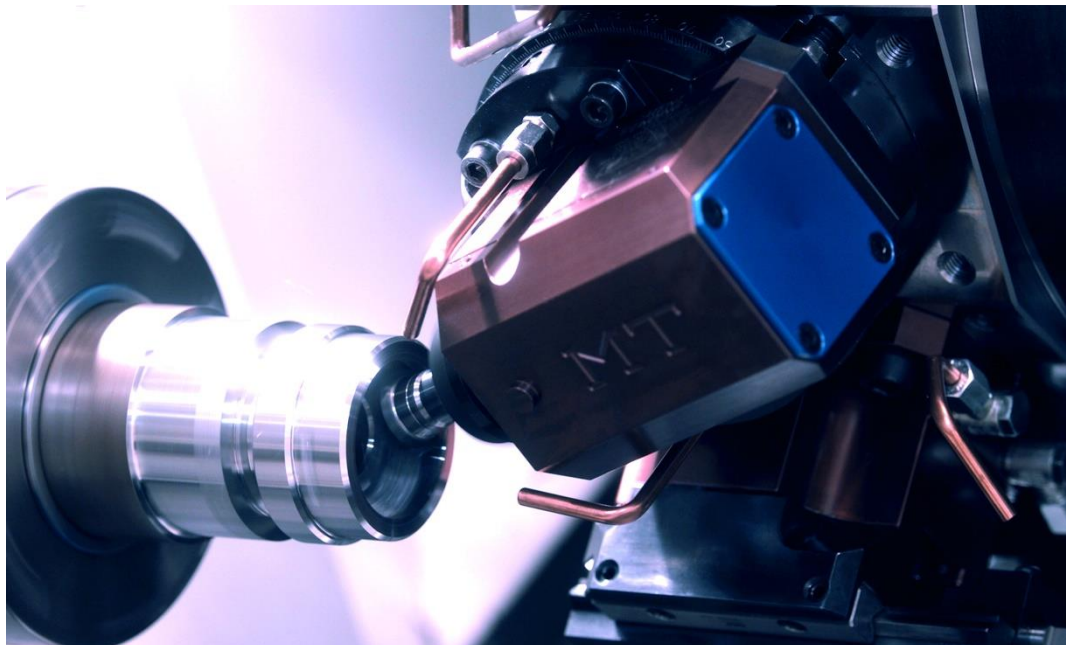
THE MACHINING OF INTERNAL AND EXTERNAL GEARS IN VERY SHORT TIME ON THE LATHE EVEN CLOSE TO SHOULDERS

The machining of external and internal gears on the lathe in very short times compared to the other available technologies, like the driven gear hobber or the driven slotting tool, is possible thanks to the Power Skiving technology.

The MT Power Skiving Unit allows **external** and **internal gears**, with **straight** or **helical teeth**, with **reduced timing** (approximately 8 times compared with the other available technologies) and guarantees quality and finishing levels similar to the ones of a much more expensive gear cutting machine.

Furthermore it allows to **machine gears very close to shoulders**.

The MT Power Skiving unit permits a suitable angular adjustment to comply with the cross angles of this technology, which are normally between 15° and 40°.



Besides, it is equipped with MTSK Quick Change System, developed by MT, for an accurate and fast replacement of the gear cutter.

MT can take care of the complete supply, helping the customer from the feasibility check to the delivery of the driven toolholder with gear cutter and machining parameters.

MT can offer a full spectrum of solutions dedicated to gear cutting: besides the power skiving technology, driven gear hobbing, slotting and 91° multiple broaching toolholders are also available, please contact our office to identify the proper solution according to your machining need!

For further information:
mtma@mtmarchetti.com
www.mtmarchetti.com

The lathe needs the polygon-cutting function enabled on CNC.
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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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