

# ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 58



UCIMU-SISTEMI PER PRODURRE



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## **MTSK QUICK CHANGE SYSTEM**

The reduction of dead times during machine set-up operation plays today a remarkable importance in the economy of mechanical machining. For this purpose, M.T. S.r.l. developed a quick change system that allows to achieve maximum flexibility and to considerably reduce the set-up times, while maintaining the compact dimensions, rigidity and precision that always characterize the M.T. driven toolholders.



The system requires the use of a driven toolholder prearranged for MTSK modular system: the driven tool can remain assembled on the turret, while only the adapter is replaced for every single processing.

The main features of MTSK modular system are the axial dimensions very compact (even lower than those of Capto system) and the high stability and repeatability accuracy (due to the contact taper/plane). The clamping and removal of the adapter is operated by a threading system, which ensure a proper torque transmission and the correct disassembly in every situation. Different models of adapters are available, for ER collets, Weldon, milling arbor, etc.

Together with the MTSK modular system, M.T. developed a new mechanism for tool assembly and removal, based on the use of a fork wrench, much more secure, reliable and user friendly compared with the traditional system that involves the use of two wrenches. This system was later extended also to the standard driven tool range.

For more information

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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:

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