

ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 84



UCIMU-SISTEMI PER PRODURRE



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DYNAMIC BALANCING MACHINE WITH BELT DRIVE - MODEL ZB5/TC/GV

Designed to balance any kind of rotor with proper shaft.



This comprises a steel baseplate on which are accommodated both the pedestals and the spinning assembly. The base plate can be simply rested on a working bench or better bolted down to a solid base element. The rigid structure pedestals can carry rotors weighing from 0,05 to 7,5 Kg and can be displaced along the baseplate in order to suit the different widths of the rotors. Two sets of carriages are supplied: roller and anti-friction type, both adjustable in height to suit for the rotor diameter. The signal transducers are force measuring type. The pedestals include also the axial retainers for avoiding that the rotor may displace along the pedestals. The speed adjustment is obtained by means of a potentiometer control panel. The workpiece driving is made through round type belts. The peculiar design of the driving system enables the machine to be operated both with the belt placed on top of the rotor and with the belt fixed in position under the rotor. This feature allows to select the most appropriate type of driving and consequently to reduce the operating time of the machine according to each type of rotor being balanced. To the baseplate is anchored also a swivelling type arm which carries the photo-cell (or the magnetic type transducer) for detecting the angular position of the unbalance and for the automatic synchronisation of the signal filtering. The photo-cell can detect the presence of a reference mark made on the rotor (this mark is made with a chalk, pen or adhesive tape).

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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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