

# ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 85



UCIMU-SISTEMI PER PRODURRE



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## **DYNAMIC VARIABLE SPEED BALANCING MACHINE FOR CRANKSHAFTS AND DRIVE SHAFTS - MODEL ZB401**



- This model has been specifically designed to meet the requirements of automotive and general industry overhaul.
- The wide range of accessories make this unit ideal for balancing, one, two or three pieces drive shafts, crankshafts or any other type of rotating component: (electrical rotors, fans, clutches) whose dimensions and weights do not exceed its specifications.
- The machine is particularly recommended for propeller shafts balancing, since high values for shaft speed are obtainable.



### CHARACTERISTICS OF INSTRUMENTATION UNIT

- Simultaneous measurement of unbalances on 2, 3 or 4 correction planes (useful for balancing drive shafts) and digital display.
- Unbalance level displayed in weight units, with automatic, self-learning calibration, even when component is not balanced previously.
- Accuracy of unbalance angular position of 1° over 360°.
- Memorization of up to 999 calibration data programs related to the same number of different rotors. First-run balancing using memorized programs.
- Electronic compensation of unbalances caused by mounting fixtures or small systematic unbalances that must remain on the rotor.
- Auto-diagnosis.
- Balancing speed variable from 300 to 4000 RPM, thank to the built-in digital inverter.
- Automatic rotor braking when STOP button is pressed.
- Rotor locking during correction operations.

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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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