

# ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 89



UCIMU-SISTEMI PER PRODURRE



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## **AUTOMATIC BALANCING MACHINES FOR THE AIRCRAFT INDUSTRY**

For the manufacturing and maintenance of aircraft engines, CEMB offer a wide range of horizontal and vertical machines to balance aircraft rotors assemblies that weigh between 2 and 5000 kg (tooling included), with a guarantee to achieve maximum accuracy and reliability.

**Model ZBK200/TO/S/AERO**  
**Balancing machine with automatic correction**

### **Machine Specifications:**

- Hard bearing pedestals with piezo electric pick-up;
- Belt drive system with automatic positioning;
- Automatic correction of the unbalance by milling;
- “Easy Change System” for fast and simple in production.



### **Main advantages:**

- A single station machine for the complete balancing process without the need to transfer the rotor between measuring and correction stations, thus avoiding mistakes and significantly reducing cycle time.
- A stable, strong and secure rotor clamping system avoiding any vibration during the milling cycle and creating a perfect surface finishing.
- “Easy Change System” the ball guides, linear scale, labels and fastening pins enable easy and fast rotor type change, plus a more secure and ergonomic operation for the machine operator.



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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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