

ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

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PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 90



UCIMU-SISTEMI PER PRODURRE



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AUTOMATIC BALANCING MACHINES FOR THE ELECTRIC MOTORS

Our range of balancing machines for electric motor rotors offer the possibility to correct the unbalance by radial drilling unit, by side milling unit, by axial drilling or by adding clinched plates.

Model 2ZBK100/2UFO/C

Balancing machine equipped by two axial drilling correction units

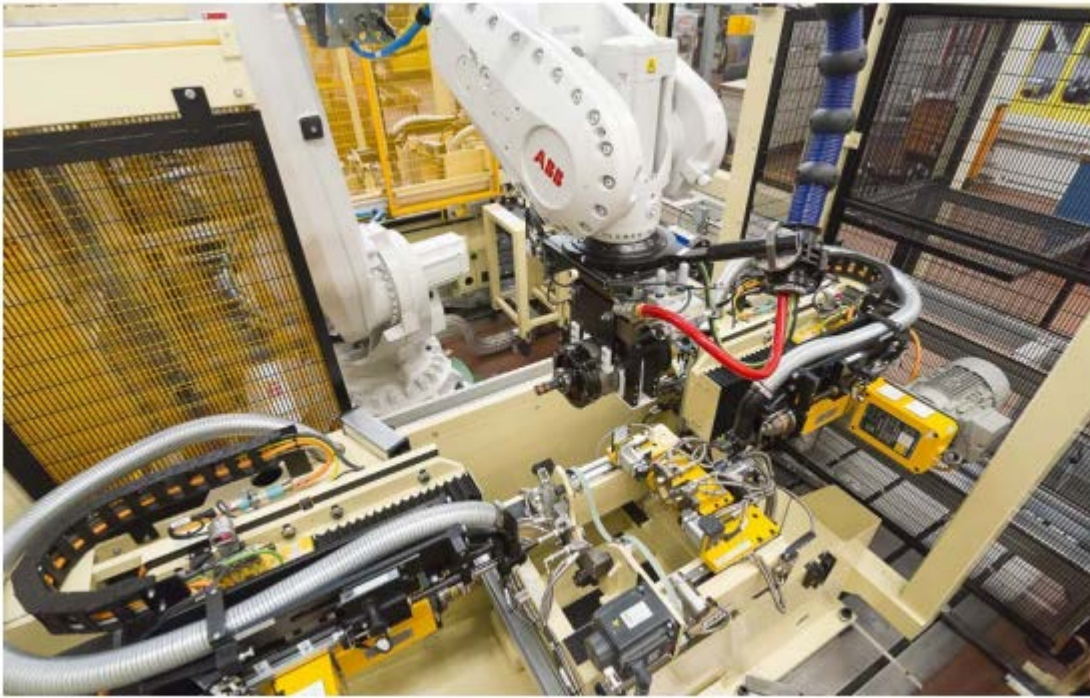
Balancing machine, measuring the unbalance on two planes, belt drive, equipped by two opposite axial rilling units for correction on both side and with controlled axes.



Balancing system composed of robot cell with two balancing machines, each one with unbalance measurement and correction function. The anthropomorphic robot loads and unloads the pieces from the client's pallet line on the balancing machines and can also load the master rotors from internal stores. The unbalance measurement on two planes occurs with a belt transmission while the correction is carried out through axial drilling of the flanges. For this purpose two opposed controlled-axes units are used.

OPTIONS:

- Automatic axial translation of the pedestals with their rollers carriages.
- Special carriages prepared for rotors equipped with their own bearings and with the possibility of a pre-load during the measuring spin.
- Side feeler unit for the highest accuracy in the drilling depth.
- Automatic lifting system for release/picking of the parts on the roller carriages.
- Integral safety guard with sliding doors.
- Swarf extractor.



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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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