

ITALIAN MACHINE TOOLS, ROBOTICS & AUTOMATION INDUSTRY ~ NEWS

Mar 2023

PIATTAFORMA INDIA PROJECT

NEWSLETTER NO. 77



UCIMU-SISTEMI PER PRODURRE

FINANCE

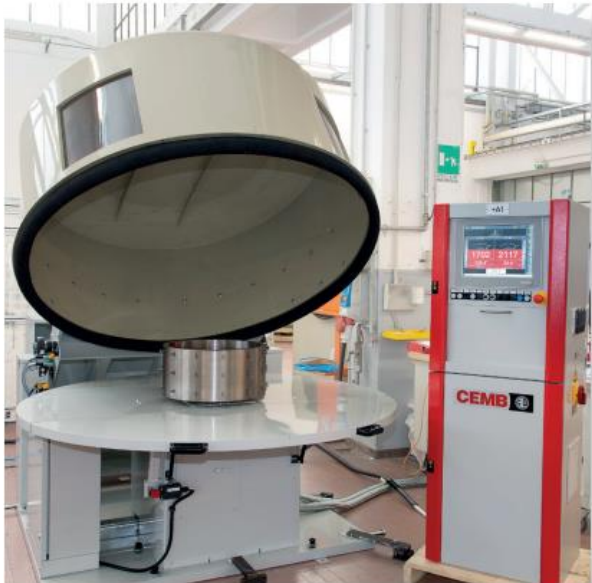
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VERTICAL BALANCING MACHINES FOR THE AIRCRAFT INDUSTRY

Model VEBN200/GV/AERO (Max. tool + part weight 200Kg)



- Vertical axis machines, for balancing single stage low and high pressure turbines.
- Measuring of the dynamic unbalance.
- Spindle fitting suitable for manual clamping tools.
- Protection with electric drive at controlled speed.
- Rotor dimensions from \varnothing 650 up to \varnothing 1500

Hard bearing machine, with permanent calibration, first-run readout, simple operation, easy set-up on measuring unit, without support locking requirements and without windage fluctuation, have largely replaced soft bearing machines since several years.

The vertical axis balancing machine model VEBN200/GV/AERO is a force-measuring machine, appositely designed for balancing in one or two planes, aircraft industry rotors requiring high level of accuracy like compressor and turbine discs, seals, spacers etc.

The wide operating range of all CEMB/AERO machines, permits many different rotors to be balanced by one machine only, sensibly increasing efficiency and reducing handling and maintenance costs.

The unbalance value and the angular position are automatically detected and displayed on the screen contemporarily for both planes.

For the manufacturing of this machine, we have used all conceivable devices for allowing making a fast and accurate job, with the minimum physical and mental effort.

Thanks to the extreme rapidity and simplicity of the initial calibration, the balancing machine is suitable for batch work on the same type of workpiece and for balancing rotors all differing one the other.

Spin time and stop are adjusted automatically according to the rotor inertia. This allows reduction in the spin time by making it as short as possible in relation to the type of rotor.

Machine performances and calibration are referred to the ISO / SAE ARP4050 standard specifications.

Find our products on : www.cemb.com

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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