

REPAIR AND MODERNIZATION OF BALANCING MACHINES



VTM
GROUP

**We repair balancing
machines of any
manufacturer**

- In 95% of cases, it is an alternative to buying a new balancing machine.
- The work can be carried out within 2-3 days at the customer's site.
- We repair native components or manufacture new ones, if appropriate.
- We repair old balancing machines of all types of any year of manufacture.

UPGRADE YOUR BALANCING MACHINE

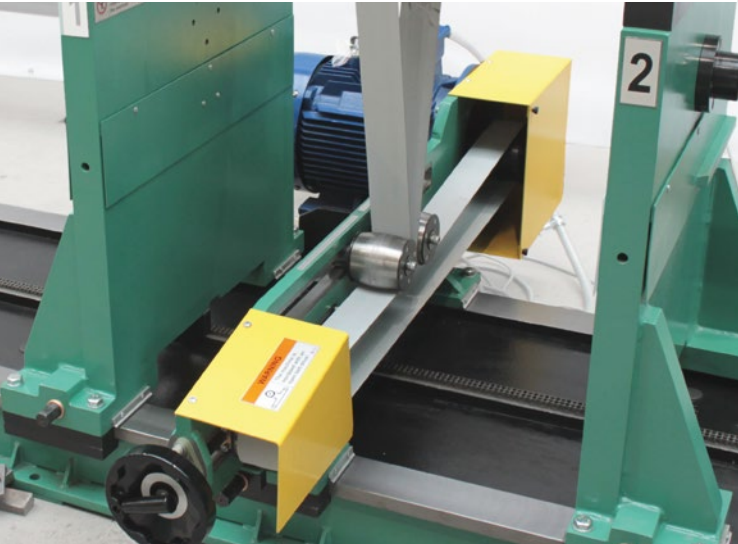
Upgrading the electronic measuring unit, modernizing the electrical equipment and repair the mechanical components will result in a machine that is as accurate, productive and easy to use as a new one!

1. New measuring system PAK-1 and vibration and speed sensors
2. Frequency inverter electric drive
3. New rollers or adjustable roller units
4. Manufacture of rotor belt drive for axial drive machine
5. Installation a cardan rotor drive with a movable spindle



PAK-1 Unbalance Measuring Unit works in all balancing machines of most existing designs and manufacturers.

- Confidence in results and ease of use
- Wide range of functions for your machine
- Precision complies with ISO 21940



Cost-effective modernization option for your balancing machine

Basic

5-10% of the cost of a new machine

Replacement of the existing measuring unit with PAK-1 unbalance measuring unit, including:

- Installation PAK-1 unbalance measuring unit
- Installation of new vibration sensors and rotor speed sensor
- Replacement of all connecting cables
- Training of personnel in work skills



Main

20-30% of the cost of a new machine

Manufacturing and installation of electrical equipment and measuring and control unit, including:

- Installation PAK-1 unbalance measuring unit, new sensors
- Electrical cabinet with frequency inverter drive and control panel
- Asynchronous electric motor
- Replacement of all connecting cables



Advanced

40-60% of the cost of a new machine

Manufacture and installation of the following units:

- PAK-1 unbalance measuring unit and new sensors
- Electrical cabinet with frequency inverter drive and control panel
- New roller units or rollers only
- New belt drive or cardan drive
- Other modules can be modified



Check out our other products



Balancing machines of the 9D series

The 9D series is a hard bearing universal balancing machine for balancing rotors of a wide range of types, weights and sizes.



Balancing machines of the 9K series

Universal balancing machines of the 9K series are of the soft bearing type, with pendulum suspension and cylindrical rollers, with a belt drive for rotor rotation.



Balancing machines of the 9B series

Vertical balancing machines of the 9B series. Machines with a vertical rotor axis of rotation, used for balancing disk-type rotors in one or two correction planes.



Balancing machines for heavy rotors

Soft bearing balancing machines for heavy rotors are designed for qualitative determination and elimination of unbalance of rotors of various configurations weighing from 10 to 65 tons.

We make balancing easier



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