

# Horizontal soft bearing balancing machine BM-1000

For rotor with masses 10 – 1000 kg

- Highest balance sensitivity - 0.1 g·mm/kg
- Broad rotor weight range in each machine
- Anti-friction bearing work supports eliminate time-consuming alignment procedures. Bearings have a flat, wide-contact surface to carry rotors without damaging journals
- Balance at lower and safer speeds
- The machine installed without foundations, not required expensive construction of special concrete foundations
- Transportable, modular design
- Special screw-jacks for loading heavy rotors on the balancing machine
- Automatic additional turn of a rotor on a required angle
- Touch screen balancing computer, with all accessories needed for balancing



Technical parameters	
Rotor weight, kg	10 – 1000
Max. rotor diameter, mm	2000
Distance between the centers of rotor bearing journals, mm	230 – 2840
Shaft journal diameter range, mm	15 – 280
Rotor support	Rollers & V-blocks
Sensitivity, g·mm/kg	0,1
Balancing speed, rev/min	350 – 1500
Electric drive	AC 2.2 KW
Type of drive	Belt (standard) / Belt + End (option)
Instrumentation	Touch screen balancing computer, with all accessories needed for balancing
Special screw-jacks for loading heavy rotors on the balancing machine	Complete with the machine tool
Base length, mm	3000
Machine weight, kg	1320
Foundation requirements	The machine installed without foundations, not required expensive construction of special concrete foundations

Specifications are for standard machines; modifications are available to meet specific requirements.

## DIAMECH 2000 Vibration Diagnostics and Balancing Machines

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