

DIAMECH 2000

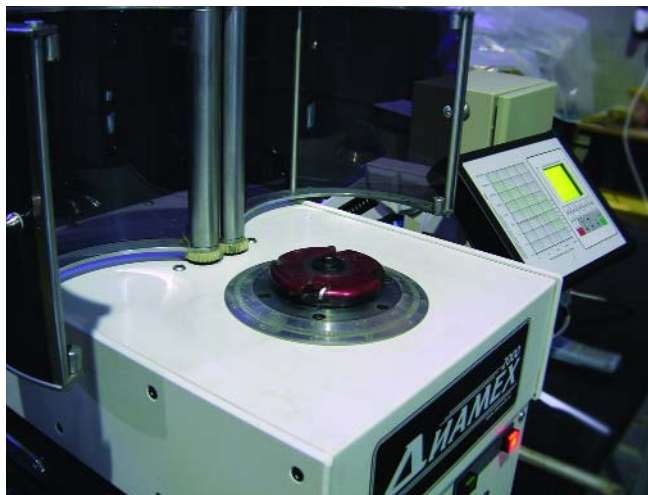
Vibration Diagnostic and Balancing Machines



VERTICAL BALANCING MACHINES

Vertical balancing machines are generally used for "disk shaped rotors"





Vertical balancing machine B-8

APPLICATIONS

- Brake Discs / Drums
- Aircraft Engine Components
- Pulleys / Dampners / Gears
- Small Blowers, Fans, Impellers
- Transmission Components
- Clutches
- Flywheels
- Flexplates
- Tire and Wheel
- Torque Converters

FEATURES

- On-machine correction (Drill, Mill, Grind) can be added to maximize efficiency and precision in production
- The machine installed without foundations, no expensive construction of special concrete foundations required
- Automatic additional turn of a rotor on a required angle,
- Touch screen balancing computer, with all accessories needed for balancing,
- The highest quality of manufacturing

Vertical balancing machines are generally used for "disk shaped rotors". This includes flywheels, pulleys, fans, impellers, wheels, tires, etc. Typically, these parts do not have their own journals, so the balancer must be equipped with an arbor or adapter of some type to mount the part to the machine.

DIAMECH 2000 vertical balancing machines come in one plane or two versions. All models are available with a variety of instrumentation types and integral correction units depending on the allowable unbalance compensation method.

The configuration is suited for quick top loading of shaftless, flat profile parts.



Vertical balancing machine B-20

STANDARD SPECIFICATIONS	B-8	B-20	B-60	B-1500
Maximum weight capacity, kg	8	20	60	1500
Maximum diameter, mm	250	400	1000	1300
Maximum thickness, mm	270	330	400	450
Balancing speed, rev/min	1500	1500	1000	400
Instrumentation	Touch screen balancing computer, with all accessories needed for balancing			
Drive motor power, KW (AC)	0,5	1,5	2,2	7,5
Number of correct planes	1 - 2	1 - 2	1 - 2	1