

Balancing Machine for Ventilators, Blowers and Fans

VVK11.2



Applications

- Vertical Balancing of rotors (blowers) all kinds self-propelled or not self-propelled.
- Measuring and compensation of unbalance in one or two planes.
- Optimisation of the process of your injection moulding machine due to special MC10 software.
- Measuring of axial and radial run-out.

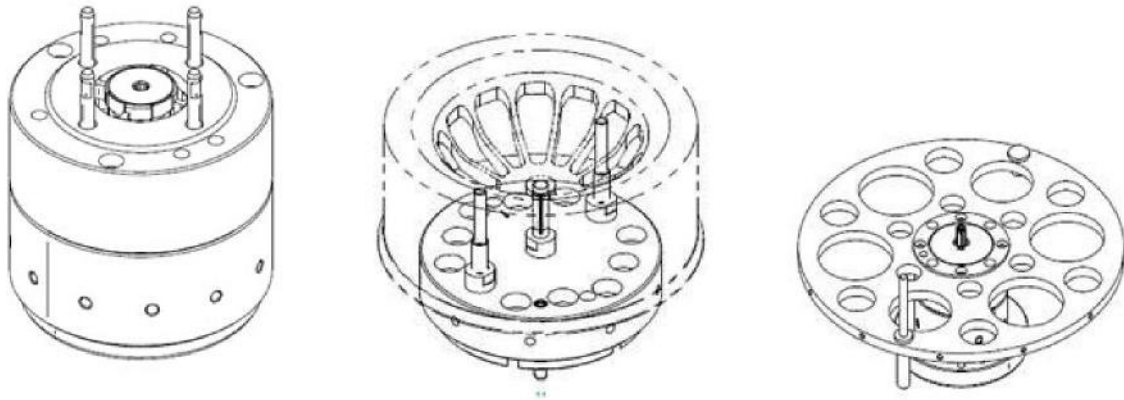
Description

- Hard-bearing 2-plane machine.
- High precision spindle with standard interface for work piece adapters and automatic clamping/unclamping.
- Kompaktes operator panel with 19" Touch Screen and operator buttons.
- Smooth-running swivelling protection hood with automatic opening.
- Big range of clamping tools (manual or automatic clamping).

Advantages

- Short measuring cycle due to hard-bearing concept.
- Manual and automatic clamping.
- Indexing aid (automatic indexing to first compensation position).
- Software for control of manufacturing process.

**All information without obligation,
subject to change without notice!**



Examples of work piece adapters

Technical data

VVK11.2

Rotor:		
Weight, max. incl. adapter	kg	0.1 - 40
Diameter, max.	mm	550
Height, max.	mm	400
Machine:		
Minimal achievable residual unbalance	µm	5
Measuring speed, max.	rpm	3000
Display sensitivity, min.	gmm	0.1
Mains connection		400 V
Fuse protection		3x16 A
Width x Depth x Height	mm	see Layout
Width x Depth x Height control cabinet	mm	600 x 600 x 1600

Options

- Design without spindle for self-propelled rotors
- Big range of clamping mandrels
- Pneumatic clamping system
- Work piece specific clamping adapters
- RUN-OUT measuring (radial and axial)
- Special software „Process optimisation injection moulding machine“

Scope of supply

- Basic machine with
 - solid, welded machine frame
 - operator panel with 19" Touchscreen
 - protection hood with pneumatically operated swing door