

## Pasio 50 Horizontal Balancing Machines



- Compact design
- Fast setup
- Ergonomic operator concept
- One drive belt for all rotor diameters
- High-performance drive for a large spectrum of different rotors
- Not affected by interferences
- Highest measuring accuracy
- Wide range of accessories

### Range of application

The Pasio 50 enables accurate balancing of a wide range of rotors.

Cylindrical rotors with their own shaft journals as well as disc typerotors with intermediate shafts can be balanced simply and accurately. The rotor can weigh up to 50 kg, with a diameter up to 600 mm and a length up to 1100 mm.

### Design

- Force-measuring, horizontal balancing machine
- Measuring unit with permanent calibration and digital signal processing
- Measuring unit CAB 700 with graphics-capable color LCD display
- Optional: CAB 920 as a high end solution - both with regard to operation and versatility, as well as accuracy
- Compact design with the machine bed made of mineral cast dampening vibrations
- Protective shroud of Class C according to ISO7475

- Set up requires no tools
- One hand belt drive
- Can be extended with integral mass correction system
- Touch screen operation with EasyMode providing simple and reliable operation
- High process reliability

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Data at a glance		Pasio 50
Measuring device		CAB 700
Rotor bearing arrangement		Carrier roller bearing arrangement
Drive type		Overslung belt drive BK
<b>Rotor</b>		
Weight, max.	[kg]	50
Diameter, max.	[mm]	600
Bearing clearance	[mm]	40 - 1100
Bearing pin diameter	[mm]	9 - 63
<b>Machine</b>		
Width A	[mm]	2200
Depth B	[mm]	1010
Height C	[mm]	1765
Total weight	[kg]	1100
Balancing speed	[rpm]	180 - 2700 (variable)
KER	[gmm]	1.0
Air pressure	[kPa]	-
Power supply		400 V ± 10%, 3 Ph, 50 / 60 Hz
Drive power	[W]	1.1
Order no.		R0060300.02
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Carrier roller bearing for pin diameter		on request
Mass correction system		on request

4) Smallest achievable residual unbalance per balancing level