

VIRIO 15

The compact vertical balancing machine
for rotors up to 15 kg

VIRIO

Perfect mechanics, precise measuring technology, easy network integration

The new Virio generation for small rotors

Vertical balancing machines are the ideal choice when balancing disc or bowl-shaped rotors: Typical rotors are flywheels, belt pulleys, pump rotors, fans and gearbox components. By arranging the clamping elements directly

on the spindle, no special auxiliary shafts are need. This allows quick and simple loading of the rotors to be balanced by simply placing them on the machine.



The practical weight range

Rotor weight up to 15 kg

Rotors with diameters of up to 400 mm and lengths of 600 mm with a weight of up to 15 kg can be balanced precisely on the Virio 15 in one or, as an option, two planes. Thus, it covers a wide range of weights and sizes frequently found in workshops and commissioning operations.

Excellent accessibility

Everything in its place

The Virio 15 is a very compact balancing machine, with great attention paid to ergonomics and ease of operation: The easy-to-use swivel safety shroud, a storage container for clamps, the convenient access to all components and the ergonomic working height are good examples of this.

The measuring device display is ideally positioned in the line of sight and allows easy and direct entry of all data using the touchscreen. The logically designed control concept is impressive with clear and distinct displays and icons that match the touchscreen controls. Together with the extensive control tools, the performance of the Virio 15 can be accessed quickly and optimally.

Many other practice-based details simplify the controls and quickly make the Virio 15 a permanent factor in your company. The permanent calibration makes taring runs superfluous, the clear and distinct display prevents time-consuming converting.





Robust and precise

The machine frame constructed from mineral casting

The machine frame is made from mineral casting. This dampens vibrations by up to ten times more than grey cast iron. It is therefore ideal for a precise balancing machine. Mineral casting also allows the Virio 15 to be designed as a crane hook machine. Simply set up, align and connect it to the power – and you can start balancing your workpieces.

Your safety comes first

Simple handling with highest safety

The Virio 15 fulfils all the requirements of the latest machine directive 2006/42/EC applicable since 2010, and is CE-certified. Thus, the safety shroud complies with the strict provisions of ISO 21940-23 Class C – Protection against flying parts.



CAB 820 and CAB 920

Communication meets measuring technology

Upload a changed set of rotor data from the server, look at the Q statistics on a smartphone or create new set-up data for the balancing machines in the comfort of the office. Or use our online service with remote maintenance and the extensive diagnostics tools – today everything is included naturally. This and much more is possible with our current measuring devices. Our CAB 820 and CAB 920 measuring devices offer you every possibility as standard to integrate them in a network and to communicate with them – exactly according to your wishes and ideas!



Top-class technology – easy handling and highest precision



CAB 820 BASIC MEASURING DEVICE

CAB 820 is the basic measuring device that is setting standards in this class. This measuring device is always the right solution when you want to achieve your goals in your business quickly and without great expense, everything at a very good price-performance ratio.

CAB 920*SmartTouch*

CAB 920*SmartTouch* combines maximum precision with the simplest controls: CAB 920*SmartTouch* surprises with an intelligently simple control concept whose logical connections can be seen at a glance. The result is simply convincing: Fast and safe operation with the smallest amount of learning – for every conceivable technical rotor variant.

Technical data

ROTOR DIMENSIONS

- ▶ Maximum rotor weight: 15 kg
- ▶ Max. diameter: 400 mm
- ▶ Max. tool length, including tooling: 600 mm
- ▶ Measurement in rotor planes: 2 planes
- ▶ Spindle speed: 1200 rpm
- ▶ Minimum achievable residual unbalance: 0.5 gmm/kg

MACHINE DATA

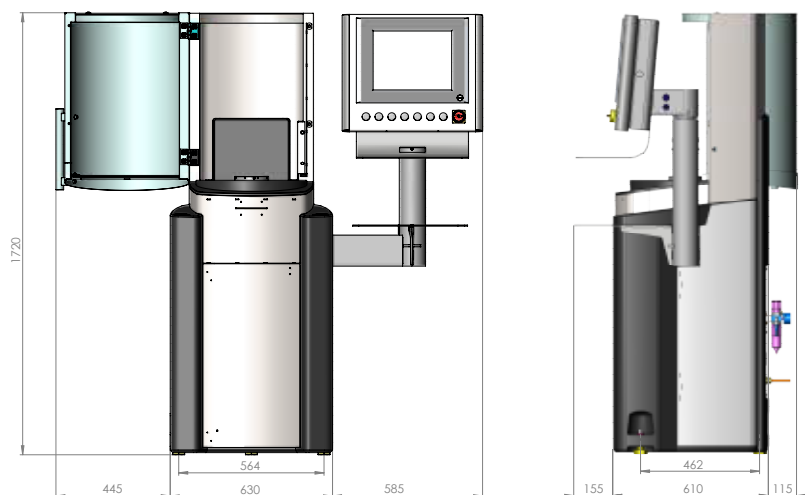
- ▶ Dimensions (see drawing)
- ▶ Total weight: 500 kg
- ▶ Mains connection: 220V \pm 10%, 50 / 60 Hz
- ▶ Compressed air (optional): 6 bar
- ▶ Drive output: 400 W
- ▶ Safety cover according to DIN ISO 21940-23 Class C (protection against flying parts)
- ▶ 2-colour paint RAL 7035 (light-grey), RAL 7024 (graphite-grey)

MEASURING DEVICE

- ▶ Touchscreen operation

ACCESSORIES

- ▶ Printer for printing reports
- ▶ Keyboard with trackball
- ▶ Label printer



SCHENCK RoTec GmbH
Landwehrstraße 55
64293 Darmstadt, Germany
T +49 6151 32-2311
F +49 6151 32-2315
rotec@schenck.net
www.schenck-rotec.com