megaspin20 MOTO
megaspin20 MOTO HS

THE ADVANCED SOLUTION
FOR DYNAMIC BALANCING OF MOTORBIKE WHEELS

AUTOMATIC GAUGE

LASER line

DIGITAL Display

MANUAL LOCKING

WIDE SPACE

megaspin

Hofmann megaspin20 MOTO/MOTO HS is the innovative balancer designed specifically for the dynamic balancing of motorbike wheels. Thanks to the fixed shaft system, the only one able to replicate the same rolling conditions as a motorbike on the road, it ensures maximum performance and a stable and safe ride at all times.

megaspin

Fixed spindle axis

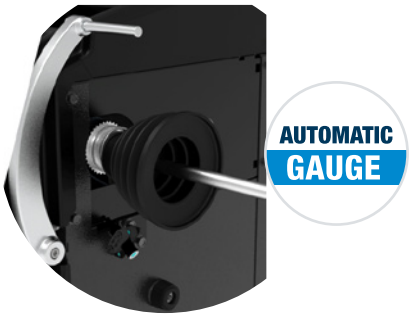
Thanks to the fixed spindle axis, the wheel is free to rotate on its bearings, reproducing exactly the movement of the wheel mounted on the motorbike. By eliminating all the assembly inaccuracies inevitable on car balancers where the flange is rotated together with the wheel, imbalance detection becomes much more precise and accurate.

MANUAL LOCKING

Manual fixing system very easy to use, thanks to the quick-release locknut

Dynamic balancing

megaspin 20 MOTO/20 MOTO HS is one of the rare solutions capable of guaranteeing perfect dynamic balancing of motorbike wheels, essential for flanged rear wheels, which are often more difficult to balance due to their greater width



Automatic gauge

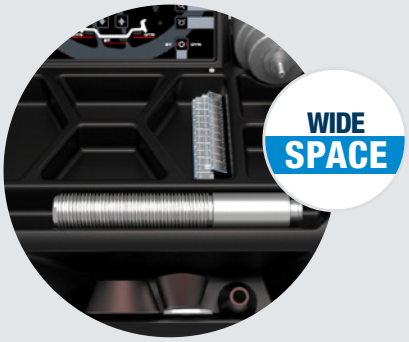
Automatic gauge for measuring the distance and diameter of rims up to 24", equipped with an innovatively designed tip that prevents interference with the brake discs, ensuring accurate and unobstructed reading

Laser line

To enable an extremely fast balancing operation, the megaspin20 MOTO and megaspin20 MOTO HS are equipped with a laser line to assist the operator in positioning the adhesive weights within the rim

Digital display

The digital display is simple and durable and allows intuitive use of all machine functions. The software has been developed to provide several programs for the tyre professional: SPLIT, OPT .



Wide space

Thermoformed weight holder, ergonomically designed and functional.
It offers ample space for accessories, with a practical cone holder integrated in the base to accommodate the centring spacers

BALANCING MOTORBIKE WHEELS - COMPARING METHODS:

WITH ROTATING AXIS BALANCER
With a rotating axis, the measurement is affected by bending of the shaft and mechanical play during the rotation of the same

↓

√
Good accuracy in STATIC balancing

–
Highly inaccurate in DYNAMIC balancing

VS.

WITH FIXED AXIS BALANCER
With fixed spindle axis, all the vibrations, introduced by the rotation of the spindle itself, are reduced improving measurement accuracy and repeatability

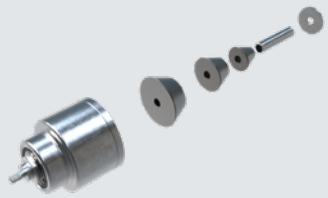
↓

√
Excellent precision in both balancing STATIC and DYNAMIC

Standard accessories

AF15/2
Shaft ø14 mm
2 cones ø15/26 mm
2 cones ø15-36 mm
Spacers:
2 x L=20 mm, 1 x L=40 mm
Washer, 28 mm
Motorbike quick ring nut
Manual Gauge

Optional accessories



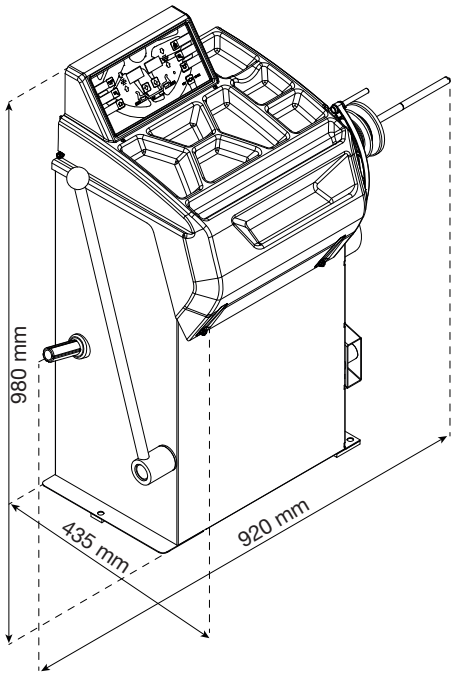
AGF/2 option of AF15/2 for single-arm wheels
3 CONES KIT: ø 24/45 mm;
ø40/61 mm; ø60/85 mm
Washer ø64 mm
Spacer 95 mm

Kit for quad/SSV wheels (up to 30 kg) - option of AGF/2
Threaded end ø40x4 mm + fastening screw / AGF ring ø180 mm / DC ring / GLM40 ring nut. 3 cones kit Ø 45÷110 mm, pincer-hammer and 60 g. counterweight

Versions on request

megaspin20 MOTO: Motor version. 230V/50Hz/1ph.

megaspin20 MOTO HS: Manual spin version. 230V/50Hz/1ph.



Technical Data

Single phase power supply	230V/1ph/50-60 hz
Max. absorbed power	0,65 kW
Balancing speed	75 rpm
Measurement spin time for 13-15 kg wheel	6-8 s
Measurement uncertainty	± 1 g
Resolution	1 g
Avarage noise	< 70 dB (A)
Rim width setting range	1.5" ÷ 20" / 40 ÷ 510 mm
Rim diameter setting range (m20 MOTO)	12" ÷ 24" / 305 ÷ 610 mm
Rim diameter setting range (m20 MOTO HS)	10" ÷ 24" / 250 ÷ 610 mm
Max. wheel diameter	800 mm
Max. wheel weight	< 30 kg
Machine weight	72 kg

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