



megaspin 1200P

FULLY AUTOMATIC
WHEEL BALANCER



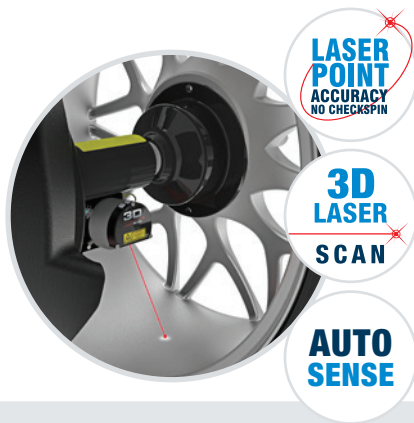


Hofmann Megaplan wheel balancers are a concentrate of functionality and technology. Each model is the result of an in-depth analysis of the real needs of the market and ensures optimal results in terms of quality and efficiency.

17" touch screen
with extremely
user-friendly
interface



megaspin



Automatic data input with 3D Laser Scan

The 3D Laser Scan, combined with the Auto Sense, measures with high precision the dimensions of any rim profile, without any intervention of the operator.

During the correction phase, the 3D Laser Scan pinpoints the exact position for stick-on weights application inside the rim. Any possible error during the weight positioning is avoided thanks, also, to the electric brake, which locks the wheel into the exact correction position. A led light illuminates the working space inside the rim.



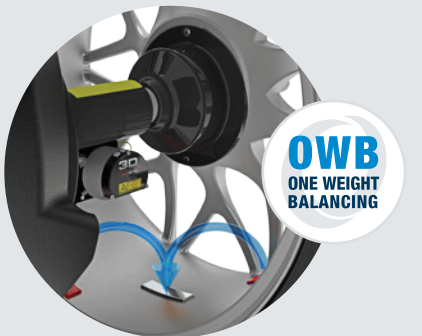
Anti Vibration System

Since the vibrations of a wheel often not depend only on the imbalance, M1200P makes a more in-depth analysis of the run-out thanks to the Anti Vibration System (AVS). The AVS Sonar, during the normal balancing cycle, detects wheel eccentricity with a 0,1 mm accuracy and enables a precise diagnosis within seconds.



Side laser

Two laser beams indicate the exact 12 o'clock position to place clip-on weights. With these accurate reference points, any possibility of error during the positioning of counterweights is eliminated.



One Weight Balancing

One Weight Balancing is automatically activated, at the end of the spin, and suggests a single ideal correction plane instead of two. The laser pointer indicates the exact point where it is possible to balance the wheel minimizing both static and dynamic imbalance, using only one counterweight. OWB offers 30% time savings for 70% of wheels.

Megaclamp - Pneumatic locking

Pneumatic locking ensures perfect wheel centering on the spindle, reducing clamping time.



Automatic positioning

Automatic positioning system, supported by the electromagnetic brake added on the DC motor, allows the wheel to position itself very quickly in the correction position. At the end of the measuring spin, the wheel stops automatically at the exact point of counterweight application. After correcting the first plane, by pressing "start", the wheel position itself accurately on the second correction point.



Standard accessories



SE KIT

Ring, quick locking sleeve SE2, SE spacer



3 CONES KIT

Ø 45 ÷ 110 mm, pincer-hammer and 60 g counterweight



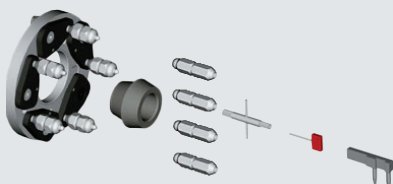
WIDTH GAUGE

Optional accessories



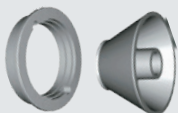
RL CUP Ø 40

Large plastic cup with rubber ring for alloy rims protection



UH20/2 Ø 40

Universal adapter for wheels with 3,4,5,6 holes. Complete with back centering double cone for wheels with/without central holes



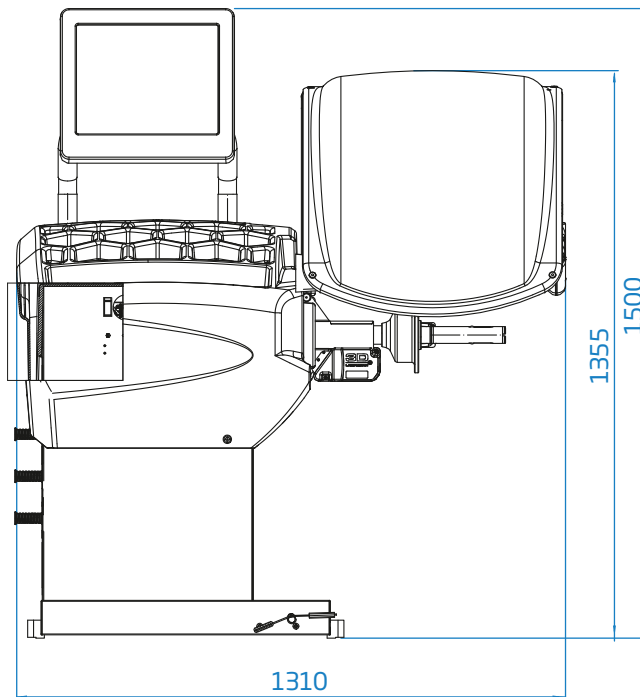
VL/2 CONE + G36 DISC

Kit for light truck wheels (Ø 97 ÷ 170 mm centre hole)



MT2 CONE Ø 40

Stepped cone for Porsche - Audi - Opel - Volkswagen - BMW - Smart (Ø56,5 / 57 / 66,5 / 72,5 mm centre hole)



Technical Data

Single phase power supply	230V/1ph/50 hz
	115V/1ph/60 Hz
Max. absorbed power	0,15 kW
Balancing speed	100 rpm
Measurement spin time for 15 kg (33 lb) wheel	4.7 s
Measurement uncertainty	± 0,5 g
Resolution	0,5 g
Avarage noise	< 70 dB (A)
Rim width setting range	1.5" ÷ 20" / 40 ÷ 510 mm
Rim diameter setting range	10" ÷ 30" / 265 ÷ 765 mm
Min./Max. compressed air pressure	7 ÷ 10 kg/cm ² / ~ 0.7 ÷ 1 MPa
	~ 7 ÷ 10 bar / ~ 105 ÷ 145 psi
Max. wheel weight	< 75 kg
Machine weight	170 kg



OPTIONAL ZERO WEIGHT LIFT TO REDUCE ANY EFFORT

Professional automatic wheel lift with load capacity up to 80 kg.

Zero weight is quick and ensure the exact centring of the wheel.



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