



megaspin 1300P

THE FASTEST FULLY AUTOMATIC BALANCER ON THE MARKET

3D
LASER
SCAN

AUTO
SENSE

SIDE
LASER

AVS
SONAR

HUBMATCH

OWB
ONE WEIGHT
BALANCING

6,4"

MEASURING CYCLE



MEGA
CLAMP

AUTOMATIC
POSITIONING

megaspin



6,4''

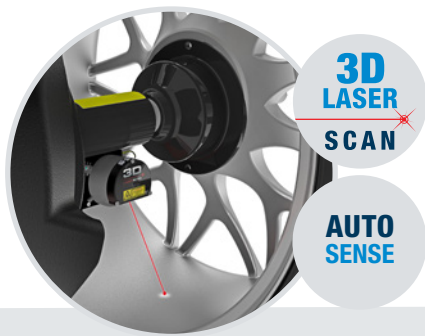
MEASURING CYCLE

In a single measurement cycle:

- Automatic acquisition of wheel dimensions and correction planes
- Unbalance measurement
- Rim runout measurement
- Tyre runout measurement
- Direct Matching - Hubmatch®
- One Weight Balancing

Touch screen with
extremely user-friendly
interface





Automatic data input

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, M1300P 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, providing an accurate result in just a few seconds. Simultaneously, Hubmatch detects the wheel's maximum eccentricity point and provides the operator with simple guided steps to reduce it by using only hub bore clearance and gravity.



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 + width gauge

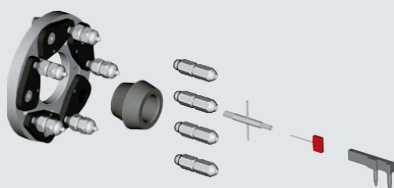
Ø 45÷110 mm, pincer-hammer and 60 g counterweight

Optional accessories



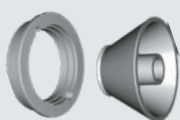
RL CUP Ø 40

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)



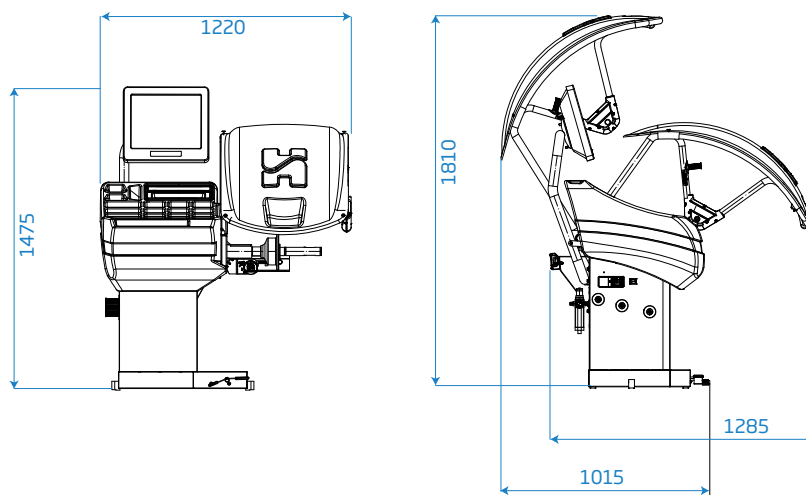
MT2 CONE Ø 40

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



PSA CENTERING KIT

Set of 3 bushes (Ø 58/60/65) + 2 cones (Ø 62÷68 mm and Ø 54÷60 mm). Developed on Peugeot and Citroën specs



Technical Data

Single phase power supply	230V/1ph/50 hz
	115V/1ph/60 Hz
Max. absorbed power	0.65 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
Average 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 WHEEL LIFTS

Professional wheel lifts with load capacity up to 80 kg.
Reduced work times and exact centring of the wheel.



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