HOFMANN MEGAPLAN

megaspin Fast Touch

THE **REVOLUTIONARY**
WHEEL BALANCER

FAST TOUCH

FAST

ERGO NOMIC

EASY

AUTO SENSE

OWB ONE WEIGHT BALANCING

AUTOMATIC POSITIONING

AVS SONAR

HUBMATCH

MEGA CLAMP

megaspin

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FAST

Fast Touch Technology: wheel balancing for everyone

Once the dimensions of the wheel are detected, a simple press of a button speeds up the transmission of data to the software, which stores them before initiating the imbalance measurement.

ERGO NOMIC

In the absence of the traditional gauge, the operator is no longer forced to assume uncomfortable positions to acquire dimensions inside the rim, overall improving work comfort, performance, and efficiency.

EASY

Intuitive user interface for easy use.

The revolution in wheel balancing

Megaspin Fast Touch revolutionizes the wheel balancing experience through the innovative combination of a laser point and a line laser.

With the simple movement of the wheel, the lasers calculate distance and diameter of the rim, while the AUTO SENSE sonar measures its width, enabling the rapid and precise detection of all parameters necessary to accurately identify wheel unbalance. Subsequently, the laser pointer also indicates the exact position for the application of adhesive counterweights inside the rim.
Any potential errors during the weight placement are avoided thanks to the electric brake, which immediately locks the wheel in the correction position.

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.

AVS Sonar (Optional)

Since the vibrations of a wheel often do not depend only on the unbalance, Megaspin Fast Touch can make an 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.
HubMatch, the guided on-car eccentricity cancellation process, detects the highestpoint of the wheel to reduce the assembly eccentricity using hub bore clearance and gravity.

Megaclamp - Pneumatic locking (megaspin FT-P)

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

MEGA CLAMP

Instant automatic positioning

The automatic positioning system with electromagnetic brake on DC motor has been made even more efficient, thanks to the doubled speed which allows the wheel to stop instantly 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.

AUTOMATIC POSITIONING

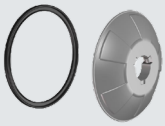
Standard accessories

PNEUMATIC KIT
Ring, quick locking sleeve and spacer

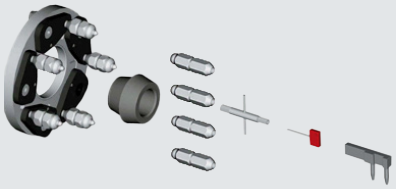
GL40 KIT
Quick locknut GL40 with sleeve and ring

3 CONES KIT + width gauge
Ø 45÷110 mm, pincer-hammer and 60 g counterweight

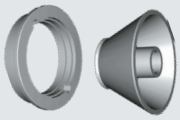
Optional accessories



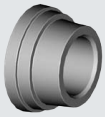
RL CUP Ø 40
Large plastic cup with rubber ring for alloy rims protection



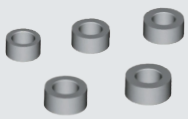
UH20/2 Ø 40
Universal adapter for wheels with 3,4,5,6 holes. Complete with back centering double cone for wheels with/without central holes



VL/2 CONE + G36 DISC
Kit for light truck wheels (Ø 97÷170 mm centre hole)



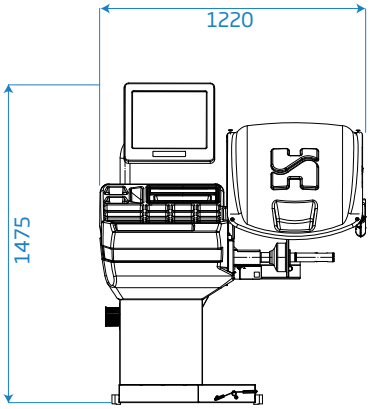
MT2 CONE Ø 40
Stepped cone for Porsche - Audi - Opel-Volkswagen - BMW - Smart (Ø56,5 / 57 / 66,5 / 72,5 mm centre hole)

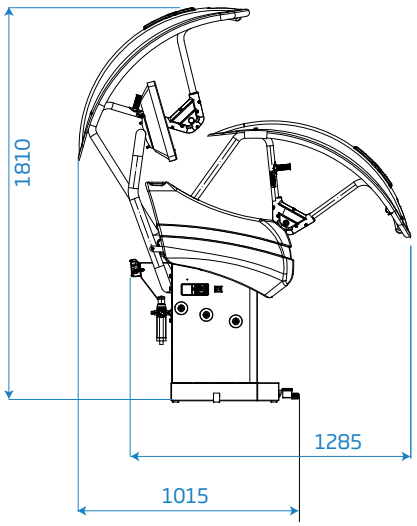


PSA CENTERING KIT
Set of 3 bushes (Ø 58/60/65) + 2 cones (Ø 62÷68 mm and Ø 54÷60 mm). Developed on Peugeot and Citroën specs

Versions on request

megaspin FT: manual locking
Version with Anti Vibration System for eccentricity measurement
megaspin FT-P: pneumatic locking
Version with Anti Vibration System for eccentricity measurement





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
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/cm2 / ~ 0.7 ÷ 1 MPa
	~ 7 ÷ 10 bar / ~ 105 ÷ 145 psi
Max. wheel weight	< 75 kg
Machine weight	120 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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Call 01480 8-9-10-11

www.hofmann-megaplan.co.uk