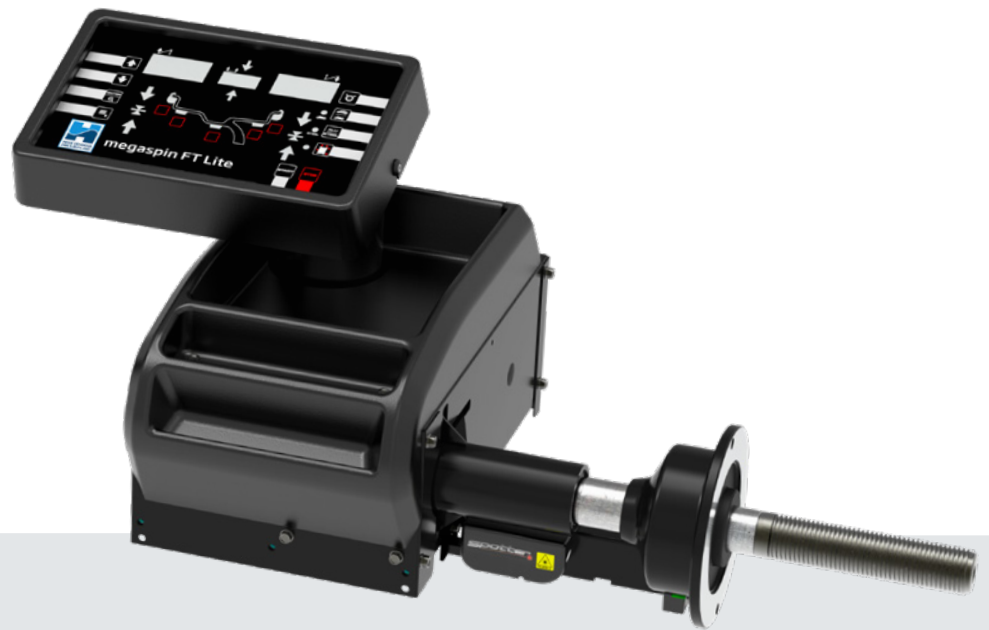




megaspin FT Lite megaspin FT Lite HS

VERSATILE BALANCING
MACHINE FOR **BALANCING**
WHEREVER YOU NEED IT





Hofmann megaspin FT Lite - megaspin FT Lite HS is the new balancing machine ideal for mobile service, but particularly suitable for workshops with space constraints, due to its extremely small size. Available in a motorised version (megaspin FT Lite) and in a manual spin version (megaspin FT Lite HS), it combines lightweight design, compact dimensions and maximum flexibility for wheel balancing wherever you need.



Fast Touch Technology: wheel balancing for everyone

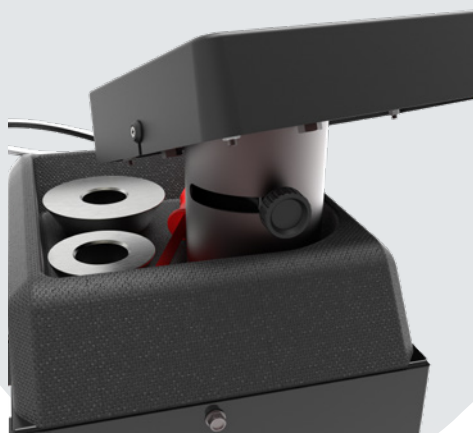
Once the dimensions of the wheel are detected, a simple press of a button speeds up the transmission of data to the software, which stores them before initiating the unbalance measurement.



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.



Intuitive user interface for easy use.



Rotating display

a convenient knob at the rear allows the operator to rotate and secure the interface in the preferred working position. It allows also to occupy the minimum space possible when the balancing machine is not in use.



Motorcycle automatic balancing

when the appropriate accessories are fitted, press the dedicated pushbutton to automatically set the optimum balancing program for motorcycle wheels.



The revolution in wheel balancing

The Fast Touch technology 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 VIRTUAL 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.



Virtual Sonar

Virtual Sonar is a software able, in the absence of an actual sonar device, to automatically measure the width of steel rims and, therefore, to calculate the position of the second correction plane.

Virtual Sonar reduces balancing time by avoiding operator errors caused by manual data entries and guarantees, at the same time, a balancing efficiency.



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 unbalance, using only one counterweight.

Combined with AutoAdaptive, which automatically calculates the optimum residual unbalance tolerance for each wheel to eliminate any steering wheel vibration, OWB reduces balancing time by up to 30% on 70% of wheels.

Automatic approach (megaspin FT Lite only)

Megaspin FT Lite is equipped with an electric brake featuring an automatic approach system: at the end of the measuring spin, the wheel automatically stops close to the first correction plane, which the operator reaches with a simple manual movement. By pressing "Start", the wheel is then automatically brought close to the second correction plane.

Megaspin FT Lite HS, on the other hand, features a simple and reliable mechanical brake that allows the wheel to be stopped quickly and manually positioned.



STANDARD VERSION



Version with minimal size to secure to a workbench with two support brackets (ideal for both workshop and for mobile service)

VERSIONS ON REQUEST



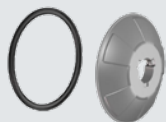
Version with baseplate for mobile service for easy installation on a van



Version with baseplate for installation in workshops with limited space

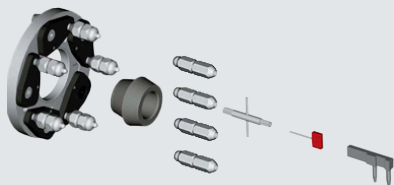
Baseplate with very small dimensions. Compared to a standard balancing machine, it is 3 times more compact and up to 4 times lighter.

Optional accessories



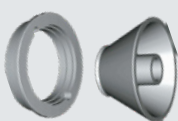
RL CUP Ø 40

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



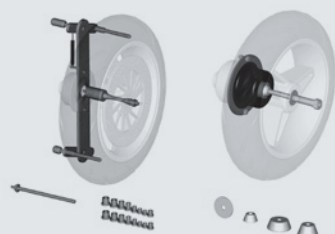
VL/2 CONE + G36 DISC

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)



RMC20/mot/2 (megaspin FT Lite)

Universal centering adapter for motorcycles and scooter wheels.
For flanged wheels and scooter wheels: high precision back centering cone.
For wheels with bearing (inner hole Ø 15÷35 mm): haulage arm dynamically balanced



RMC20/man (megaspin FT Lite HS)

Motorcycle flange for non-motorised manual wheel balancers. Shaft length: 231 mm.

WHEEL KIT

Kit di 2 wheels and screws for baseplate

INVERTER KIT

DC/AC inverter, 12V, 200-240VAC, 450W

Standard accessories



GLM40 KIT

Quick locknut with handwheel GLM40, sleeve and ring



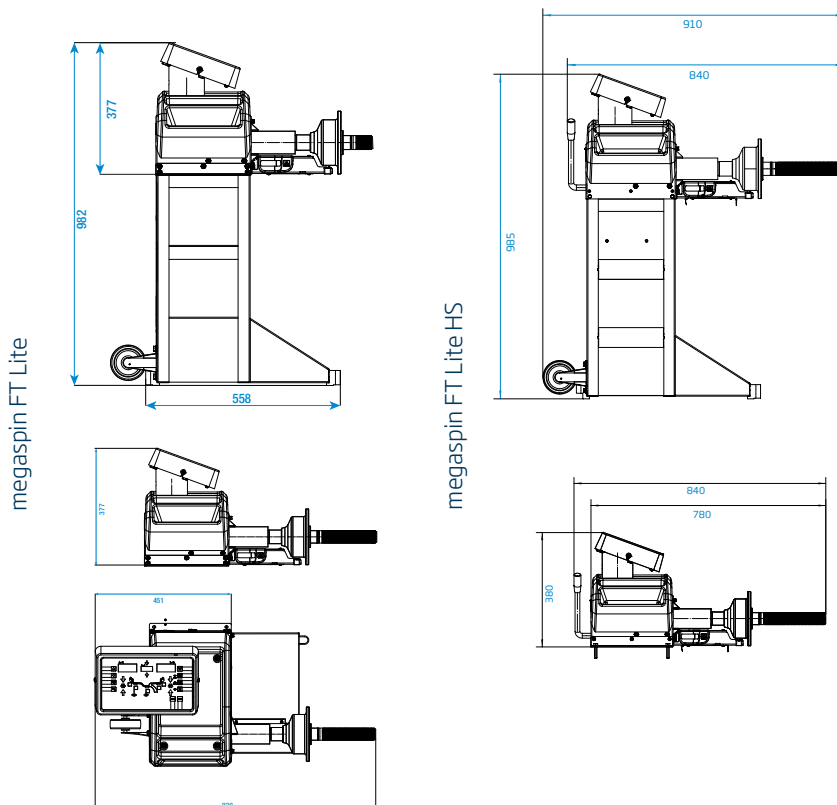
3 CONES KIT

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

Versions on request

megaspin FT Lite: motorised version

megaspin FT Lite HS: manual spin and brake version



Technical Data

Single phase power supply (motorised version)	230V/1ph/50-60 hz
	115V/1ph/50-60 Hz
Single phase power supply (HS version)	100/240 Vac
Battery power supply (HS version only)	12÷24 Vdc
Max. absorbed power	0,65 kW / 0,018 kW (ver. HS)
Balancing speed	100 rpm
Measurement spin time for 15 kg (33 lb) wheel	4.7 s
Measurement uncertainty	± 1 g
Resolution	1 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
Max. wheel weight	< 75 kg
Machine weight	30 kg



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