HOFMANN MEGAPLAN

megaspin 605

DIGITAL BALANCING MACHINE WITH AUTOMATIC SPIN, ULTRA-COMPACT DESIGN, FOR WHEELS UP TO 250 KG.

PUSH TO START

LASER POINT ACCURACY NO CHECKSPIN

LIFTING SPINDLE



AUTOMATIC POSITIONING

OWB ONE WEIGHT BALANCING

*MACHINE SHOWN WITH OPTIONAL TROLLEY

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The new balancing machines for trucks have been developed paying particular attention to the safety of the operator and to the easiness of use, taking into account also ergonomics and technological innovation.

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Digital panel

Digital panel with simple and intuitive interface. The software supports various correction programs useful to the operator, such as: Split, to hide the weights behind the spokes, OPT (unbalance optimization) and ALU for infinite correction positions with adhesive weights.

More Performance. Less Space.

The new M605 combines advanced balancing performance with a space-saving design, making it ideal for mobile service and space-limited workshops. Its reduced footprint leaves more room to work efficiently every day.



*MACHINE SHOWN WITH OPTIONAL TROLLEY



“Push to start”

The unbalance measurement process starts only when the two buttons positioned on the side of the machine are simultaneously pressed; this eliminates the possibility of accidental damage for the operator, who can work safely even in the absence of wheel protection.



Laser pointer

The Laser pointer performs two key functions: during setup, it automatically measures the rim distance and detects the correction planes; during balancing, it guides the operator to the exact point inside the rim where adhesive weights must be applied. Combined with the electric brake, which holds the wheel at the precise unbalance position, it makes weight placement faster, easier, and more accurate.



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.

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.



LIFTING SPINDLE



Built-in lift

The innovative spindle shaft that lifts and lowers acts as a lift built in the machine body, helping the operator during wheel loading and unloading. In fact, the wheel is loaded with no effort thanks to the lowest sliding trolley available on the market (59 mm) and is locked when it is still on the ground, ensuring a perfect centring in full safety conditions for the operator.
NOTE: sliding trolley available as an OPTION.

Standard accessories



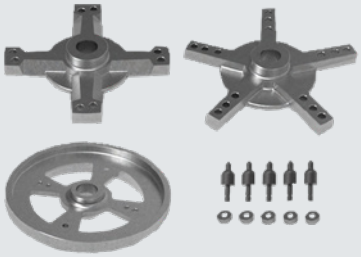
Standard equipment composed of quick nut with spacer ring, pincer-hammer, 60 g. counterweight and WDC gauge

Optional accessories



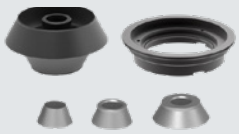
IV/V CONES-GG-G40 KIT

To centre truck or bus wheels with a central hole of 202/221/281 mm Ø. Made up of IV and V cones, G40 disc and GG ring



SR215

To centre wheels with 8 holes on 275/285.75 mm Ø and with 10 holes on 225/285.75/335 mm Ø. Supplied with centring adaptor, 5 and 4 armed spiders, stud bolts and screws



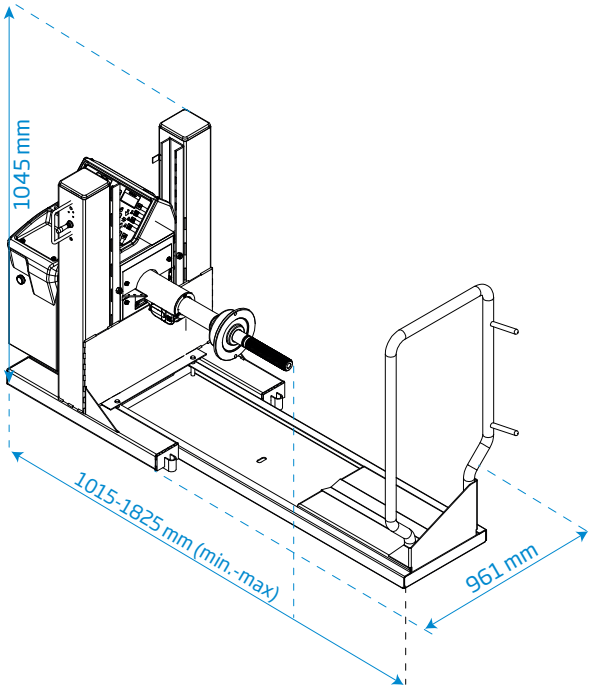
CAR ADAPTOR KIT

For wheels with a central hole of 45-194 mm Ø. Consists of 4 cones



SLIDING TROLLEY

Thanks to its height of only 59 mm, it allows for easy loading of the wheel.



Technical Data

Single phase power supply	230V/1ph/50 hz
	115V/1ph/60 Hz
Max. absorbed power	0,65 kW
Balancing speed	100 rpm (for car) / 80 rpm (for truck)
Measuring cycle for car/truck wheel	4.7 s (15 kg wheel) ÷ 20 s (truck wheel)
Measurement uncertainty	± 1 g
Resolution	1 g (for car) / 10 g (for truck)
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/cm2 / ~ 0.7 ÷ 1 MPa
	~ 7 ÷ 10 bar / ~ 105 ÷ 145 psi
Max. wheel weight	<250 kg
Max. wheel diameter	1330 mm
Machine weight (without trolley)	117 kg
Machine weight (with trolley)	145 kg

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