PREMIUM SERVICE WHEEL BALANCERS

geodyna WHEEL BALANCERS

8250P

HOFMANN®

THE ULTIMATE IN PRODUCTIVITY AND PERFORMANCE

A video wheel balancer for cars and light trucks, the geodyna™ 8250P features fully automatic data entry via scanner and smartSonar, the Power Clamp electromechanical clamping system, the pinpoint easyWeight laser, integrated wheel lift and a touchscreen interface for unequaled productivity and unbeatable performance.

Power Clamp
Patented automatic Power Clamp electromechanically clamps the wheel accurately with a constant force, reducing the opportunity for chasing weight.

Wheel Lift
Automatically raises wheel to the last centering height, with the platform returning to rest position for reduced floor-to-floor cycle time. Sensor in handle automatically detects hand force to move lift accordingly.

User Interface
Highly intuitive touchscreen user interface allows for rapid, time-saving selection of cycle modes: fully automatic with spoke detection, fast automatic without spoke detection and manual.

Stop In Position
Automatically indexes the wheel to correction position depending on balancing mode once operator selects amount of unbalance. Pedal-operated electromechanical lock firmly holds wheel in place.

geodata® Arm
A unique and patented alternative to easyWeight for the positioning of adhesive weights.

Telescopic Wheel Guard
Patented ergonomic wheel guard saves space in the shop while keeping the handle positioned at a comfortable height.

Automatic Spoke Detection
Scanner automatically detects number and position of rim spokes. Provides easy recall of split weight mode for hidden adhesive weights by simply pressing an icon on the screen.

easyWeight
Pinpoint red laser provides fast, accurate, easy positioning of adhesive weights on the wheel, identifying exact weight placement locations for increased accuracy and productivity.

Rim Lighting
High-brightness LED lighting system allows for more accurate acquisition of rim dimensions, facilitates rim cleaning and speeds up both data entry and weight positioning.

Radial Run-Out
High-accuracy laser technology measures degree of deviation from a perfect circle, enabling match-mounting to improve roundness and reduce geometric vibrations.

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TECHNICAL SPECIFICATIONS

Vehicles supported	Cars / light trucks / SUVs
Measuring speed	‹ 200 RPM
Balancing accuracy	0.035 oz. / 1 g
Angular resolution	0.7 degree
Start/stop balancing time (wheel 195 / 65R15)	6.5 seconds
Check spin	4.5 seconds
With automatic data entry	7.5 seconds
With automatic data entry and spoke counting	10.5 seconds
Manual data entry	
Rim diameter range	8"–32"
Offset range	1"–20"
Rim width range	1"–20"
Semi-automatic data entry (SAPE)	
Rim diameter range	8"–30"
Offset range	1"–20"
Rim width range	1"–20"
SAPE working range	0"–10.55" / 0 mm–268 mm
Automatic data entry (scanner / smartSonar)	
Rim diameter range	14"–26"
Rim width range	3"–15.8"
Scanner offset range	4.7"–16.3"
Automatic spoke counting	Yes
smartSonar operation conditions: rim diameter range	14"–26"
Software features	
Radial run-out	Yes
Rim run-out	Yes
Match mounting	Yes
Multiple user capability	Yes (9 users)

Software features cont.

Stop in position	Yes
Auto stop system (weight arm)	Yes
Rim lighting	Yes
Split weight	Yes
Minimization	Yes
Optimization	Yes
Job counter	Yes
Maximum wheel dimensions	
Max. wheel diameter	42"
Wheel width range	3"–20"
Max. wheel weight	154 lbs. / 70 kg
Additional specifications	
Wheel lift type	BW 4030
Wheel lift max. load	154 lbs. / 70 kg
Diameter of shaft	40 mm
Length of shaft	8.86" / 225 mm
Balancer flange offset	10.55" / 268 mm
Wheel braking after measurement	Automatic
Power requirement	230v – 1 ph – 50/60 Hz – 4A
Dimensions L x W x H (wheel guard open)	76.4" x 40.2" x 61.8" 1,940 mm x 1,020 mm x 1,570 mm
Packaging dimensions L x W x H	70.1" x 47.2" x 72.8" 1,780 mm x 1,200 mm x 1,850 mm

INCLUDED ACCESSORIES

- Spacer ring
- Universal drum
- Universal drum cushion
- Large cone (96mm–116 mm)
- Medium cone (72 mm–99 mm)
- Small cone (42 mm–77 mm)
- Rim width calipers
- User calibration weight
- Weight pliers
- Kit of 4 pegs to be mounted to the left side

Optional accessories

Light commercial & motor home tool kit

- 9 collet kit
- Small spacer disk
- CenTor™ plate kit
- LCM kit
- Black storage stand

For more information regarding geodyna Wheel Balancers, please visit **www.hofmann-usa.com** or **www.hofmann.ca**

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