

PREMIUM SERVICE WHEEL BALANCERS

geodyna
WHEEL BALANCERS

8200



HOFMANN 

8200 SERIES

THE ULTIMATE IN PRODUCTIVITY AND PERFORMANCE

Video wheel balancers for cars and light trucks, the geodyna® 8200 series feature fully automatic data entry via scanner and smartSonar, the Power Clamp electromechanical clamping system, the pinpoint easyWeight laser and a touchscreen interface for unequalled 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 (geodyna 8250P model)

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.



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.



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.



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.



geodata Arm

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



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.



Telescopic Wheel Guard

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



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) |
| Stop in position | Yes |
| Auto stop system (weight arm) | Yes |
| Rim lighting | Yes |

Software features cont.

| | |
|--|---|
| 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

AVAILABLE MODELS

| | |
|-----------------------|------------|
| geodyna® 8250P | EEWB770AE2 |
| geodyna® 8200P | EEWB766BE5 |

For more information regarding geodyna Wheel Balancers, call 800.251.4500 (US) or 501.505.2662 (Canada) or visit www.hofmann-equipment.com

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