

**HOFMANN**® 

*geodyna*® **8200**



**PREMIUM SERVICE BALANCER**

**ENGINEERING UNLEASHED™**

geodyna® 8200

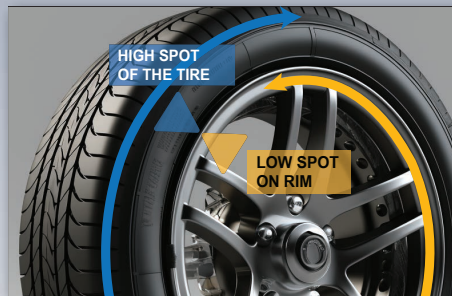
# WHEEL BALANCER WITH NON-CONTACT DATA ENTRY AND DIAGNOSTIC FUNCTIONS

The geodyna® 8200 wheel balancer from Hofmann® distinguishes itself as the ultimate choice for assisting shops of all sizes with wheel balancing services while enhancing productivity and increasing profitability. Today's technologically advanced vehicles require that technicians have the appropriate tools to precisely identify weight and shape assembly imperfections, along with wheel vibrations that can affect customer satisfaction. The geodyna® 8200 wheel balancing system automatically recognizes all wheel dimensions, selecting the optimal balancing mode, weight type and placement, without the need for any manual intervention from technicians. This laser-guided powerhouse leverages easyWeight™ technology to achieve optimal weight placement, enhancing the wheel's appearance by concealing weights behind spokes, while the Split Weight Mode ensures technicians can confidently balance high-performance wheels and alloy rims with ease. Efficiency-boosting features such as the electromechanical Power Clamp™, automatic spoke detection and wheel measurement scanning are essential for consistent and meticulous accuracy, allowing technicians to deliver precise results time after time.



## FULLY AUTOMATIC

Experience next-level wheel balancing with this fully automatic wheel balancer, integrating scanner data entry and pioneering smartSonar™ technology for precise rim width acquisition. Streamline operations, ensure accuracy, and elevate workshop efficiency in one sleek unit.



## MATCH MOUNTING

Employing sophisticated techniques, this process optimizes the assembly of the tire onto the rim, reducing the need for excessive weight addition. By achieving a more balanced distribution, it enhances overall performance and minimizes potential vibrations.



## RADIAL AND LATERAL RUNOUT

Wheel imbalance can occur due to various factors, such as uneven distribution of mass, imperfections in the wheel or tire, as well as irregularities in the tire tread. This advanced system offers a thorough assessment of the assembly uniformity, providing precise measurements of both radial and lateral runout and identifying potential wheel assembly issues while pinpointing balancing discrepancies.

# THE ULTIMATE IN PRODUCTIVITY AND PERFORMANCE



## EASYWEIGHT™

Streamlining weight placement, this precision-focused system eliminates guesswork. It employs a laser to precisely indicate the exact location for weight application, ensuring meticulous balancing and accurate results.



## POWER CLAMP™

Utilizing advanced electromechanical technology, this balancer incorporates a power clamping device that consistently and reliably secures the wheel with a constant force. This ensures exceptional accuracy and repeatable results every time.



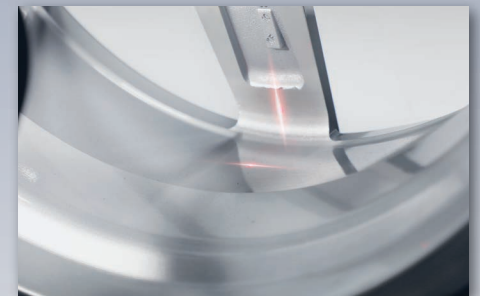
## SMARTSONAR™

This intelligent system utilizes sonar sensors to automatically detect the rim width, eliminating the need for manual input and reducing the possibility of errors. By streamlining the process, it enhances efficiency and accuracy.



## TOUCHSCREEN INTERFACE

Boasting a rapid and intuitive interface, this system incorporates a large touchscreen display with easy-to-read digits. Additionally, colored weight position indicators enhance speed, ease-of-use, and overall ergonomics, facilitating daily operations.



## AUTOMATIC SPOKE DETECTION

A laser scanner automatically detects the number and position of rim spokes, guiding optimal weight placement behind them for precise balancing with split weights.

## AUTOMATIC DATA ENTRY

Eliminating the need for manual input, this intelligent machine automatically detects wheel dimensions and selects the appropriate balancing mode, weight type, and weight position. This automation accelerates the balancing cycle, reduces operational errors, and enhances efficiency.

## REPORT

Easily generate reports on the local network (additional hardware required) or save as PDFs on a flash drive, facilitating convenient sharing of detailed information with customers for documentation or reference.

## SPLIT WEIGHT MODE

This feature ensures accurate balancing and discreet weight concealment behind spokes, maintaining the wheel's aesthetic appeal and visual presentation.

## EZ-COLLETS

The EZ-Collets mobile app helps technicians find the right collet, flange plate or speed plate for their job by selecting the vehicle. They can then compare and assess the available tools' benefits.



## STOP IN POSITION

By simply touching the screen, users can prompt the system to automatically rotate the wheel to the precise position for weight application. This convenient feature streamlines the process and enhances operational efficiency.



## OPTIMIZED FOR EV WHEELS

Optimize balancing wheels, including EV, with the latest technology and precise engineering.



## RIM LIGHTING

Equipped with a powerful LED lighting system, this balancer ensures optimal illumination of the rim. This feature aids in rim cleaning and significantly assists in the precise positioning of weights, ensuring a seamless balancing process.

### TECHNICAL SPECIFICATIONS

Part Number	EEWB766BEA
Automatic Rim Diameter Range	14" - 26"   35.5 - 66.0cm
Automatic Rim Width Range	3" - 15"   7.6 - 38cm
Manual Rim Diameter Range	8" - 32"   20.3 - 81.2cm
Manual Rim Width Range	1" - 20"   2.54 - 50.8cm
Max Wheel Diameter	37"   84cm
Max Wheel Weight	154 lbs.   70 kg
Power Supply	230V 1Ph 60 Hz
Dimensions HxWxL	65"x 54"x 53"   165x137x135cm

### STANDARD ACCESSORIES

- Four Cone Set
- Weight Pliers
- Rim Width Caliper
- Weight Remover Tool

### OPTIONAL ACCESSORIES

- Basic Light Truck Cone Kit (8100068)
- 9 Collet Set (EAK0375G07A)
- Power Clamp Speed Plate Kit (EAK0390G25A)
- Storage Stand (EAK0309J67)
- Speed Plate Kit with Collets and Storage Stand (EAK0309J33C)



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