

HIGH-VOLUME WHEEL BALANCERS

geodyna®
WHEEL BALANCERS

7700

SERIES



HOFMANN® 

GEODYNA[®] 7700 SERIES THE NEXT MILESTONE FOR HIGH VOLUME WHEEL BALANCERS

- Wide touchscreen display
- Ease of use
- Robustness
- High productivity

16 housing for clip-on-weights

Optional Support
for Tape-Weight
roller

Housing for pressure ring

Place for pliers, scissor,
nippers and removal tool

Place for screwdriver and valve tool

Professional and robust cabinet

Optional Support for pneumatic
brush for rim cleaning

Four accessory holders



ERGONOMIC AND ROBUST

The Hofmann's professional cabinet and the durable weight tray assure the robustness necessary for the high volume tyre shops.

The balancer's ergonomics is fundamental to minimize the floor to floor cycle time and facilitates the operator tasks.

Clamping sleeve holder
in ergonomic position

geoTOUCH™
Intuitive and fast user interface.
Large digits, touchscreen and
antiglare display

Patented, telescopic wheel
guard with handle always at
ergonomic height

Place for rim
cleanser bottle

Mirror for dimension
entry and iLED for
wheel lighting

Housing for a full box
of adhesive weights

Flat surface for
multi-purpose use

BW4030 automatic wheel lift *

Protection for Brake Pedal

* on geodyna® 7750p only

geoTOUCH™

Intuitive as a video balancer, fast user interface, large digits, touchscreen and antiglare display.



Smart Sonar™

Automatic, non-contact rim width acquisition delivers greater accuracy and ease of use for a 30% savings in complete process when compared to manual operation.



easyALU™

Touch the rim with the geodata™ arm to enter the rim dimensions and automatically select the weight balancing mode.



Stop in position

Touch the screen to automatically rotate the wheel to weight application position.





easyWEIGHT™

Pinpoint laser identifies exact weight placement location for increased accuracy and efficiency.



Multiple users

Two operators can operate with the balancer simultaneously and quickly recall their rim dimensions, minimization and optimization steps.



Power Clamp™

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



Networking*

- Connects the balancer to a PC server with cable or WI-FI
- Remote printing
- Archive of all balancing reports
- asanetwork compatible

* optional accessory

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DESIGNED FOR PROFESSIONALS WHO WANT PREMIUM PERFORMANCE AND HIGH VOLUMES

The Ideal solution: High performance, ease of use, ergonomics, robustness and accurate balancing results in the first run

ULTIMATE BALANCER LIFT*

- Operated by the balancer's logic, the lift automatically returns to the last height: **shorter floor-to-floor cycle time**
- Intuitive fine adjustment by touching the handle: **ease of use**
- Improved centring and locking of the wheel, the lift eliminates the error due to the gravity: **higher accuracy**
- Easy handling of every wheel up to 70 kg: **effort reduction**
- Integrated in the cabinet: **smaller footprint**

* on geodyna® 7750p only





BW 4030

WHEEL LIFT

Effortless and fast
Integrated in the cabinet and
operated by the balancers
logic. Easy handling of
wheels up to 70 kg.
The wheel is automatically
lifted to the correct height
for the wheel of the same
set, thus reducing the
floor-to-floor time.

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WHEEL BALANCERS





FEATURES

	7700L	7700P	7750P
Sonar	•	•	•
Laser	•	•	•
Power Clamp		•	•
Automatic Wheel Lift			•

TECHNICAL SPECIFICATIONS

Vehicles supported	Passenger cars / light trucks / VAN / SUVs / motorcycles
Diameter of shaft	40 mm
Length of shaft	225 mm
Measuring speed	200 rpm
Angular resolution	± 0.35°
Balancing accuracy	1 g
Start/Stop cycle	4.5 seconds
Data Entry	
Rim diameter range	Manual 8" – 32" Semi Automatic 8" – 26"
Offset range	1" – 20"
Rim width range	1" – 20"
Wheel Specs	
Max. wheel diameter	42" (1050 mm)
Wheel width range	3" – 20" (508 mm)
Max. wheel offset (without optional spacers)	up to 260 mm
Max. wheel weight	70 kg (154 lbs)
Dimensions and Weight	
Machine Dimensions L x W x H (Machine only, wheel guard open)	127 x 102 x 155 cm (7700) 184 x 102 x 155 cm (7750)
Machine Net Weight	165 kg (7700) 230 kg (7750)

INCLUDED ACCESSORIES

-  Weight Plier
-  Adhesive Weight Removal Tool
-  Storage Peg (4x)
-  Pressure Ring
-  Pressure Cup
-  Large Cone (Ø 96 – 116 mm)
-  Medium Cone (Ø 72 – 99 mm)
-  Small Cone (Ø 42 – 82 mm)

Optional accessories

-  Large clamping hood (Ø 200 mm) for alloy rims
-  Set of 9 low-taper centering collets 52.5 – 122mm
-  Stud-hole flanges (see price list for different types)
-  Support for tape weight roller
-  Support of rotating brush for rim cleaning
-  Networking

EMEA-JA

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Part of the machines is illustrated with optional extras which are available at extra cost. Technical and visual modifications reserved.

Cod.: 9702 914 · 04/2018

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