

geodyna® 980L

geodyna® 4800L

Truck wheel balancers



geodyna 980L



geodyna 4800L

Options:

- Pneumatic loading device
- Centring stars
- Truck wheel cones

HOFMANN®



geodyna® 980L and 4800L

geodyna 980L and 4800L – off-the-truck wheel balancers

Different to on-the-truck wheel balancers the off-the-truck wheel balancers measure both the static and the dynamic portions of unbalance and consequently increase truck wheel life considerably.

Premium features of geodyna 980L and 4800L:

- The distance rim/machine and rim diameter are entered semi-automatically. This is particularly necessary when balancing light-alloy wheels where two adhesive weights have to be placed inside the rim. As a result balancing of light-alloy rims is as easy as balancing of steel rims.
- The gauge arm is provided with a patented wheel weight clamp which keeps the wheel weight in the correct position during weight placement.
- The electronic friction brake firmly holds the wheel in every position, meaning there is no need for a pedal-operated brake
- The split weight mode allows easy positioning of adhesive weights on light-alloy rims (both on truck and car wheels) in a hidden position
- The cone adaptor is provided with a spacer and a cone for balancing of light-truck wheels. Truck wheels can be clamped and balanced using either of two optional clamping kits.
- The patented measuring system features virtual plane measurement technology (VPM) which ensures the most accurate results.
- Patented optimisation

Additional features of geodyna 4800L:

- 15" VGA monitor
- Extensive help texts in more than 20 languages
- asanetwork capability

Technical data

geodyna 980L and 4800L	
Power supply (V)	230 Volts, single phase / 50 / 60 Hz
Diameter range of centring cone (mm)	Light truck cone: 120 mm – 174 mm
Diameter of shaft (mm)	40
Measuring speed (rpm)	98
Accuracy (g)	1
Rim width (dynamic balancing) (inch)	3 – 20
Rim diameter (inch)	8 – 30
Max. wheel width (mm)	650
Max. wheel diameter (mm)	1300
Max. wheel weight (kg)	250
Data entry of DISTANCE	Semiautomatic via gauge arm
Data entry of DIAMETER	Semiautomatic via gauge arm
Data entry of WIDTH	Manual
Dimensions (mm) H x W x D with wheel hood open	1860 x 1350 x 1120
Weight of machine incl. cone adaptor	980L 255 kg 4800L 270 kg



The weight box offers sufficient space for 27 wheel weight types and weight pliers



Patented weight clamp for optimum positioning of adhesive weights

Accessories



3-arm star
(ref. no. C30380)

For truck / light-truck wheels with pitch circle diameters of 170 / 184,15 / 205 / 222,25 / 245 mm



1 off truck bolt for Alcoa rims
(ref. no. C30381)



Pre-centring ring for light-truck wheels
(ref. no. C30616)

For rims of 17.5" and 19.5" diameter and centre hole of 202 mm. To be used in conjunction with the 3-arm star

Indispensable accessories



Standard clamping kit with 2 truck cones (198 – 225 mm / 270 – 286.5 mm)

(ref. no. C4028713)



Professional clamping kit for stud-hole location of wheels with pitch circles of 8 x 285 mm / 8 x 275 mm / 10 x 225 mm / 10 x 335 mm / 10 x 285 mm, with 4-arm / 5-arm star and 5 bolts

(ref. no. C4028764)



Pneumatic loading device

(ref. no. C4028401)

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