

# RANBONE® 980L OFF-THE-TRUCK WHEEL BALANCERS



*Gauge arm*

The gauge arm is provided with a patented wheel weight clamp which keeps the wheel weight in the correct position during weight placement.

## *RANBONE 980L:*

- Rim width is entered manually by pressing a key and rotating the wheel (patented procedure).
- 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 electronic friction brake firmly holds the wheel in every position.
- The split weight mode allows easy positioning of adhesive weights on light-alloy rims (both on truck and car wheels) behind adjacent spokes.
- 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

### TECHNICAL DATA

Power supply	230 Volt, 1ph / 50/60 Hz
Diameter range of centring cone	Light truck cone: 122 – 172 mm
Diameter of shaft	40 mm
Measuring speed	98 UpM
Accuracy	1 g
Rim width (dynamic balancing)	2" – 20"
Rim diameter	Automatic: 8" – 26" Manual: 8" – 30"
Max. wheel width	650 mm
Max. wheel diameter	1300 mm
Max. wheel weight	250 kg
Input of offset	Semiautomatic via gauge arm
Input of rim diameter	Semiautomatic via gauge arm
Input of rim width	Manual
Dimensions with wheel guard open (H x W x D)	1370 x 1455 x 2005 mm
Weight of machine incl. cone adaptor	geodyna 980L: 235 kg geodyna 4800-2L: 238 kg

### OPTIONAL ACCESSORIES



3-arm star (ref. no. 30380)  
For truck/light-truck wheels with pitch circle diameters of 170/184,15/205/222,25/245 mm



Pre-centring ring for light-truck wheels (ref. no. 30616)  
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.



1 off truck bolt for Alcoa rims (ref. no. 30381)



Standard clamping kit with 2 truck cones (198 – 225 mm/270 – 286.5 mm) (ref. no. 4028713)



Professional clamping kit for stud-hole location of wheels with 4-arm/5-arm star and 5 bolts (ref. no. 4028764)



**Pneumatic loading device**  
(ref. no. 4028401)