

Snap-on® WB400 Truck and Auto Computer Wheel Balancer



"FOR REFERENCE ONLY"

Snap-on® WB400

Truck and Auto Computer Wheel Balancer



Features

- **Dynamic (twin plane) and static balance.**
- **Fast, Single Spin Cycle**—10 seconds to 20 seconds maximum, depending upon tire size and amount of imbalance.
- **Light Weight**—only 64 kg (140 lbs.)
- **Portable and Battery Operated**—may be easily moved to vehicle if desired.
- **Built-in Jack**—raises and lowers wheel, allowing one-man operation when mounting heavy truck wheels.
- **Normal Balance Mode**—50 gram (2 ounce) accuracy for truck wheels.
- **Fine Balance Mode**—5 gram (1/4 ounce) accuracy for auto wheels.
- **Automatic Calibration**
- **Automatic Power-down**—to preserve rechargeable battery.
- **Bright LED**—Large digital readout display, clearly visible in sunlight.
- **Ounce-gram Conversion**—switchable.

Specifications

Accuracy

- Normal (Dynamic) mode for truck wheels: 50 grams (2.0 ounce). Imbalance weight indication in 50-gram steps to 999 grams, or in 2-ounce steps to 42 ounces.
- Fine (Dynamic) mode for automobile wheels: 5 grams (1/4 ounce). Imbalance weight indication in 5-gram steps to 300 grams, or in 1/4-ounce steps to 10.5 ounces.

- Single-plane (static) mode for truck wheels: 50 grams (2.0 ounce). Same weight indication steps as in Normal mode.

Rim Diameter

- Minimum—330 mm (13 inches)
- Maximum—660 mm (26 inches)

Rim Width

- Minimum—114 mm (4 1/2 inches)
- Maximum—381 mm (15 inches)

Offset Gauge Range

- 51 to 280 mm (2 to 11 inches)

Maximum Tire Diameter

- 1283 mm (50 1/2 inches)

Maximum Total Tire and Rim Weight

- 227 kg (500 lbs.)

Truck wheel mounting accessories

Set of 3 truck cones for center cone mounting (Standard)

- Light truck cone: 82.5–130 mm (3.25–5.125 inches)
- Medium truck cone: 124–149 mm (4.88–5.88 inches)
- Heavy truck cone: 143–168.4 mm (5.63–6.63 inches)

Bolt Plate Adapters (Optional)

1. Bolt plate for 10-bolt, 285 mm (11 1/4 inch) bolt circle, and 8-bolt, 275 mm bolt circle (2-sided).
2. Bolt plate for 10-bolt, 222.25 mm (8 3/4 inch) bolt circle, and 6-bolt, 222.25 mm (8 3/4 inch) bolt circle (2-sided).
3. Bolt plate for 10-bolt, 335 mm (13 3/16 inch) bolt circle (single sided).

Demountable Rim Wheel Adapter (Optional)

For Dayton, Spider, Artillery, Trilux, etc.

1. 20/22 1/2 inch (508/571.5 mm) rim diameter.
2. 22/24 1/2 inch (558.8/622.3 mm) rim diameter.

Automobile Wheel Mounting Accessories

- Set of 3 automobile cones and related hardware for back cone mounting. (Optional)
- Universal lug adapter for wheels with untrue center holes or where cones cannot be used. (Optional)

Power Sources

- Operation from 100/120/220/240 Volt, 50/60 Hz current. 10 Watts. UL and CSA approved power converter for 120 volts. UK approved converter for 240 volts.
- Self-contained rechargeable storage battery. Sealed, lead-acid gel electrolyte type, 8 volts, 8.5 ampere-hours.
- External 12-volt DC source.

Shipping Weights and Dimensions

- Balancer including measuring head, base, battery, and power converter: 65 kg (143 lbs.)
- Standard accessories including calipers, 3 truck cones, spacer rings, and manual: 14.5 kg (32 lbs.)
- Bolt Plates
 - 285 mm (11 1/4 inch)/275 mm, 2 sided: 10.5 kg (23 lbs.)
 - 335 mm (13 3/16 inch), single sided: 12.7 kg (28 lbs.)
 - 222.25 mm (8 3/4 inch), 2-sided: 7.3 kg (16 lbs.)
 - 285 mm (11 1/4 inch), single sided: 7.3 kg (16 lbs.)
- Demountable Rim Adapters
 - 20/22 1/2 inch (508/571.5 mm): 15 kg (33 lbs.)
 - 22/24 1/2 inch (558.8/622.3 mm): 17.7 kg (39 lbs.)
- Automobile mounting accessories including 3 auto cones, 2 mounting drums, and pressure spring: 3.6 kg (8 lbs.)
- Automobile universal lug adapter: 4.1 kg (9 lbs.)
- Carton and pallet: 27.3 kg (60 lbs.)
- Balancer dimensions:
 - 876 mm wide x 940 mm deep x 851 mm high (head lowered) or 1067 mm high (head raised).
 - 34 1/2 inch wide x 37 inch deep x 33 1/2 inch high (head lowered) or 42 inch high (head raised).
- Shipping Dimensions including carton and pallet: 1042 mm wide x 915 mm deep x 991 mm high (41 x 36 x 39 inch)



Standard Accessories

Caliper, hub nut with crank, spacer ring, 3 truck cones and spindle nut.



Optional Adapters

Bolt plate adapter (typical view)

Specifications subject to change without notice. Patents Pending

Snap-on® Tools

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