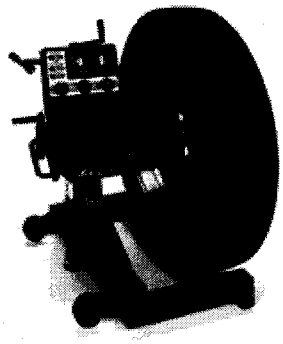
Diagnostics

WHEEL BALANCER HOME



Setting up your wheel balancer in 4 easy steps

Wheel Balancer Home

WB410 Computerized Truck Wheel Balancer

Fast, Accurate, Safe and Easy Truck Wheel Balancing

- Dynamic and static twin-plane balance
- Fast, single-spin cycle
- Simple to operate
- Completely portable
- Built-in wheel lift system
- Large, easy-to-read display
- Lower power consumption
- Low maintenance cost
- Safe, slow-speed operation-- no cumbersome hood
- Advanced design for increased productivity

Performance you can Afford-- The WB410 plugs into any 115-volt outlet-- no expensive wiring required. It conserves energy by powering down when not in use. It automatically powers up when you mount a wheel. Completely portable-- roll the WB410 to the truck and operate the internal rechargeable battery or connect it to any 12 volt battery. The patented built-in lift mechanism will raise a 500 pound wheel effortlessly.

Fast and Simple-- A single spin cycle of between 8 and 20 seconds (depending on wheel size) is all that is needed. The large display shows the exact weight requirement and location. No guesswork or wasted motions.

Automatic Weight Recalculation-- Balance the wheel in the normal mode, then select any of the four custom modes or the static mode. The balancer's computer automatically recalculates the amount of weight and location for you, allowing you to balance quickly, accurately, and easily.

Safe, Accurate, Low-speed Operation-- The WB410 balances truck wheels to 0.25 oz. (5 gm) accuracy at an operating speed of 70 rpm, eliminating the need for a cumbersome safety hood. Automobile wheels can be balanced to 0.10 oz. (2 gm). Automatically senses for truck or automobile wheel balancing mode.

Built-in Reliability, Simple Design-- Advanced, solid-state design means fewer moving parts and minimum downtime. All major components can be replaced in the field.

Self-calibrating-- The WB410 calibrates itself accurately and automatically. Simply press a button, attach the calibration weight and spin the wheel.

Standard Accessories:

rge, medium, and light truck cones, spacer ring, spindle nut, hub nut, and caliper.

Optional Truck Accessories

- Bolt Plate Adapters
- For 10-bolt, 11.25 inch (285mm) bolt circle, and 8-bolt, 275mm, 2-sided plate (WB1465-01)
- For 10-bolt and 6-bolt, 8.75 inch (222mm) bolt circles, 2-sided plate (WB1465-03)
- For 10-bolt 13.1875 inch (335mm) bolt circle, single sided plate (WB1465-02)
- For 8-bolt 11.25 inch (285mm) bolt circle, single sided plate (WB1465-04)
- De-mountable Rim Wheel Adapters-- For Dayton, Spider, Artillery, Trilex, Etc.
- 20/22 1/2-inch rim diameter (WB1496-02)
- 22/24 1/2-inch rim diameter (WB1496-01)

Automobile Wheel Mounting Accessories

- Standard Cone Set (WB1497)-- Three automobile cones and related hardware for back cone mounting
- Universal Lug Adapter (WBA2A)-- For wheels with untrue center holes or wheels on which cones cannot be used
- Metric bolt plate adapter (WB1499)-- Used in the place of the universal wheel adapter to mount wheels with untrue centers or closed centers

Specifications

Rim Diameter Range	13 to 26 inches (330 to 660 mm)
Rim Width Range	4 to 18 inches (102 to 460 mm)
Rim Offset (distance) Range	3 to 11 inches (77 to 280 mm)
Maximum Wheel Diameter	50-1/2 inches (1300 mm)
Maximum Wheel Weight	500 pounds (227kg) using standard mounting accessories
Power Requirements	Operates from 100/110/220/240 volt, 50/60 hertz current, 10 watts; UL and CSA approved; self-contained, rechargeable battery; power cable for operation from external 12 volt battery
Balancer size	Width: 37 inches (948mm), Height: 45 inches (1145mm), Depth: 38.5 inches (1060mm)
Balancer Weight	140 pounds (64 kg)
Balancing Modes	Truck: Normal (clip on), 4 Alu/Mag, and Static; Automobile: Normal (clip on), 4 Alu/Mag, and Static
Balancing Accuracy	Standard Resolution: 2 oz (50gm) for truck wheels, 0.25 oz (5gm) for automobile wheels; Fine Resolution: 0.25 oz (5gm) for truck wheels, 0.10 oz (2gm) for automobile wheels
Balancing cycle	8 to 20 seconds, depending on wheel size
Calibration	Automatic self-calibrating