

# Wheel Balancing Equipment



**BOSCH**

Invented for life



# WB 720 Diagnostic Wheel Balancer



- ▶ Match mounts tires and wheels to solve balance and run-out based vibration problems
- ▶ High performance electronic video wheel balancer with 15" monitor and soft touch control system
- ▶ Rim width automatically measured by laser sensor while technician uses electronic data arm to measure wheel diameter and distance
- ▶ Standard integrated wheel lift effortlessly lifts and centers wheel on the balancer shaft for more accurate mounting
- ▶ Weight optimization mode reads wheel imbalance allowing technician to match tire/wheels for greater accuracy
- ▶ Includes Quick Clamp wing-nut, extended 40mm shaft, standard (4) cone passenger car and light truck cone kit

\*Power requirement 220v, 1 phase, 60 Hz,

\*Air requirement 120 to 170 psi

# WB 520 High Volume Wheel Balancer



- ▶ High volume wheel balancer for demanding service facilities
- ▶ Invisible weight mode allows technician to hide wheel weights behind spokes
- ▶ Automatic parameter measures three wheel dimension decrease set-up time and reduces operator error
- ▶ Weight optimization mode measures individual rim and tire imbalance allowing technician to match tire/wheels for reduced weight use
- ▶ Easy-Fix data arm holds and accurately applies tape weight to wheels
- ▶ Foot brake locks the balancer shaft in place to ensure accurate weight placement
- ▶ Includes Quick Clamp wing-nut, extended 40mm shaft, standard (4) cone passenger car and light truck cone kit

\*Power requirement 220v, 1 phase, 60 Hz

## WB 410 Mid-Volume Wheel Balancer



- ▶ Durable and accurate balancer for medium- to high-volume shops
- ▶ Easy-Fix parameter data arm automatically measures diameter and distance (2D)
- ▶ Invisible weight mode separates weights for hiding wheel weights behind spokes improving aesthetics
- ▶ Foot brake locks the balancer shaft in place to ensure accurate weight placement
- ▶ Operator recall capability eliminates the need to re-enter setting when multi-operators use balancer
- ▶ Weight optimization mode reads wheel imbalance allowing technician to match tire/wheels for greater accuracy
- ▶ Includes Quick Clamp wing-nut, extended 40mm shaft, standard (4) cone passenger car and light truck cone kit

\*Power requirement 110v, 1 phase, 60 Hz

## WB 310 Compact Wheel Balancer



- ▶ Compact computer wheel balancer for low volume independent shops
- ▶ Invisible weight mode for hiding weights behind spokes
- ▶ Weight optimization mode reads wheel imbalance allowing technician to match tire/wheels for greater accuracy
- ▶ Simple and intuitive control panel for greater functionality
- ▶ Includes Quick Clamp wing-nut, extended 40mm shaft, standard (4) cone passenger car and light truck cone kit

\*Power requirement 110v, 1 phase, 60 Hz

# Specifications and Features

Specifications*	WB 310	WB 410	WB 520	WB 720
Rim Width Capacity	2"-16"	1"-20"	1"-20"	1"-20"
Rim Diameter Capacity	8"-26"	10"-26"	10"-26"	10"-26"
Max. Wheel Diameter	37.5"	47"	45.7"	41.2"
Max. Wheel Weight	143 lbs	154 lbs	154 lbs	154 lbs
Max. Tire Width	19.7"	19.7"	19.7"	19.7"
Balancing Speed (Average)	~200 rpm	~230 rpm	~230 rpm	~190 rpm
Shaft Diameter x Pitch	40mm x 4	40mm x 4	40mm x 4	40mm x 4
Machine Width (End of hood or lift)	40.7"	35.4"	35.4"	80"
Machine Height (Hood up)	50"	70.9"	70.9"	78"
Machine and Packing Weight	232 lbs.	428 lbs.	440 lbs.	893 lbs.
Power Usage	350w./0.5 HP	0.7 kW./ 1.0 HP	0.7 kW./ 1.0 HP	1.5 kW./ 2.0 HP
Power Requirements	110v, 1.ph., 60Hz	110v, 1.ph., 60Hz	220v, 1.ph., 60 Hz.	220v, 1.ph., 60 Hz.
Software Features				
Multiple Operator	No	Yes	Yes	Yes
Distance Arm Holds Tape Weight (Easy-Fix)	No	Yes	Yes	Yes
Invisible Hidden Weight Mode	Yes	Yes	Yes	Yes
Balancing Modes - ALU	Yes	Yes	Yes	5
Balancing Mode - Static & Dynamic	Yes	Yes	Yes	Yes
Balance Weight Optimization Mode - Tire Match	Yes	Yes	Yes	Yes
Automatic Brake After Spin	Yes	Yes	Yes	Yes
Inch / Mm., Oz./Gm. Toggle	Yes	Yes	Yes	Yes
Auto Start w/ Hood Down	Yes	Yes	Yes	Yes
Auto Recalculation w/ Changed Dimension Entry	Yes	Yes	Yes	Yes
Weight Round Off Toggle	Car, Fine 0.05 - Rounded 0.25oz.	Car, Fine 0.05 - Rounded 0.25oz.	Car, Fine 0.05 - Rounded 0.25oz.	Car, Fine 0.05 - Rounded 0.25oz.
Operator Calibration Procedure	Yes	Yes	Yes	Yes
Self-Diagnostic Service Messages	Yes	Yes	Yes	Yes
Optional Printer	No	No	No	Yes
Hardware Features				
Wheel Dimension Entry	Manual Entry	Auto-2 Entry	Auto-3 Entry	Auto-3 Entry
Wing Nut Clamping Device	Quick Nut	Quick Nut	Quick Nut	Quick Nut
Cone System	4 Cones	4 Cones	4 Cones	4 Cones
Foot Activated Shaft Lock	Yes	Yes	Yes	Yes
Integrated Wheel Lift	No	No	No	Yes

\*Some specifications may vary depending on tire and wheel configuration. Accessories and tooling may vary depending on selected model.

## Make Bosch Your Single Source

Bosch offers a complete line of both high quality wheel service equipment, and state-of-the-art diagnostic and test equipment, as well as all the necessary software. These professional and precise undercar and underhood products are designed to help keep your repair shop operating at peak efficiency, helping you to maximize your profitability. For more information, please visit [www.boschdiagnostics.com](http://www.boschdiagnostics.com), or call **1-800-321-4889**, ext. 4, then select option 4.

### Wheel Service Equipment

- ▶ Brake Lathes
- ▶ Tire Changers
- ▶ Wheel Aligners
- ▶ Wheel Balancers
- ▶ Nitrogen Tire Filling System

### Diagnostic Test Equipment

- ▶ Scan Tools
- ▶ J2534 Reprogrammers
- ▶ Battery Test Modules
- ▶ Engine Analyzers/Scopes/Meters
- ▶ A/C Refrigerant Handling System
- ▶ Noise Vibration Harshness Analyzer



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