

Desision helper > Wheel balancer

All Twin Busch wheel balancers comply with the latest standards and test guidelines and are designed for professional wheel balancing. Furthermore, all wheel balancers are designed for high load capacity and long life. High-precision measuring electronics always ensure fast and accurate work.

Our product range includes 5 car and transporter wheel balancing machines as well as the TW F-50T as a truck wheel balancing machine. Basic differences of our wheel balancer models can be found below.

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The *TW F-100* is a perfect basic model (hand-operated) and is also perfect for very limited space. It has a handbrake for fixing the shaft when wheel mounting, balancing and braking. The balancing accuracy is, as with all our wheel balancers, 1g. Furthermore, like all our wheel balancers, the *TW F-100* has a static and dynamic balancing program for car and motorcycle wheels.

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The *TW F-150* is our basic model and is perfectly suited for small and normal volume. The balancing accuracy is, as with all our wheel balancers, 1g. Furthermore, like all our wheel balancers, the *TW F-150* has a static and dynamic balancing program for car and motorbike wheels. In addition, the *TW F-150* and the *TW F-00* have a manual measuring program, which ensures high balancing accuracy. In addition, the *TW F-150* has the same software as the *TW F-00*.

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Like our *TW F-23* and *TW F-95*, our *TW F-00* has a larger body than our *TW F-150*. The *TW F-00* has an extremely long drive shaft of 255 mm, which is advantageous for wide tyres. The shaft diameter of the *TW F-00*, *TW F-23* and *TW F-95* is 40 mm, for the *TW F-150* the shaft diameter is 36 mm. In addition, the main bearings of the *TW F-00*, *TW F-23* and *TW F-95* have a larger diameter.

The *TW F-23* and *TW F-95* have automatic program recognition and measured value acquisition, allowing fast work. Furthermore, the *TW F-23* and *TW F-95* have a foot brake for fixing the shaft in the case of wheel mounting or balancing.

The *TW F-95* has many standard features with 2 electrical measuring arms for rim distance, rim width and rim diameter. Our top model *TW F-95* has a lights up an LED light for better visibility in the rim.

In addition, the *TW F-95* have a laser position system (line) for accurate application of adhesive weights at 6 o'clock and 12 o'clock position (with the *TW F-95* also possible at 12 o'clock position without laser). The large TFT monitor ensures good readability and visibility of the values.

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The *TW F-50 T* is our wheel balancing machine for truck and light truck wheels, in addition, the balancing of car wheels is also possible. This has a wheel lift, a parking brake pedal and a high maximum wheel weight of 165 kg.

Technical Data Comparison	TW F-100	TW F-150 (Basic-Line)	TW F-00	TW F-23	TW F-95	TW F-50-T
Wheel width	1,5" - 20"	1,5" - 20"	1,5" - 20"	1,5" - 20"	1,5" - 20"	1,5" - 20"
Wheel diameter	10" - 24"	10" - 24"	10" - 24"	10" - 24"	10" - 24"	13" - 24"
Wheel weight max.	65 kg	65 kg	65 kg	65 kg	65 kg	165 kg
Wheel center hole	36 - 105 mm	36 - 135 mm	40 - 135 mm	40 - 135 mm	40 - 135 mm	40 - 280 mm
Shaft diameter	36 mm	36 mm	40 mm	40 mm	40 mm	40 mm
Drive shaft length	205 mm	225 mm	255 mm	255 mm	255 mm	300 mm
Measuring tolerance	+/- 1 g	+/- 1 g	+/- 1 g	+/- 1 g	+/- 1 g	+/- 1 g
Measuring time	8 sec.	4 - 7 sec.	4 - 7 sec.	4 - 7 sec.	4 - 7 sec.	8 sec.
Power supply	12 V und 230 V	230 V	230 V	230 V	230 V	400 V
Noise level	<70 dB	<70 dB	<70 dB	<70 dB	<70 dB	<70 dB
Weight	69 kg	92 kg	122 kg	123 kg	130 kg	293 kg
Brake	Handbrake	No	No	Foot brake	Foot brake	Foot brake
Laser positioning system	No	No	No	No	Yes	No
Rim clamping	Manual	Manual	Manual	Manual	Manual	Manual
Automatic wheel positioning	No	No	No	No	No	No
LED light	No	No	No	Yes	Yes	No
Perfect for cars	Yes	Yes	Yes	Yes	Yes	Yes
Perfect for light HGW	Yes	Yes	Yes	Yes	Yes	Yes
Perfect for HGW	No	No	No	No	No	Yes
Program for motor bike rims	Yes	Yes	Yes	Yes	Yes	No
Motorbike adapter available	Yes	Yes	Yes	Yes	Yes	No
Adapter for centerless rims	Yes	Yes	Yes	Yes	Yes	No
Self calibration program	Yes	Yes	Yes	Yes	Yes	Ja
Measurement input	Manual	Manual	Manual	With a measuring arm	With 2 measuring arms	Manual

Accessories



Universal flange-adapter
(Item No.: TW F-AD)

- For vehicles without a center hole
- For all 3, 4, and 5 hole wheels
- The bolt circle is infinitely adjustable



Motorcycle adapter
(TW F-MOTO)

- For static and dynamic balancing of motorcycle wheels
- Including gauge extension, conus and spacer etc.



4-hole-adapter
(Item No.: TW F-AD4L)

- Fixed bolt circle (e.g. for Peugeot)
- Bolt circle 4 x 108
- With centering hub

Further accessories for your wheel balancer can be found at www.twinbusch.co.uk

Onlineshop: www.twinbusch.co.uk (E-Mail: info@twinbusch.co.uk)

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