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.



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.



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.



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,

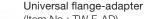
The TW F-95 has many standard features with 2 electrical measuring arms for rim distance, rim width and rim diameter. Our top model TW F-95 has a lights up an LED light for better visibility in the rim.

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.



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 measureing arm	With 2 measuring arms	Manual



adjustable

- (Item No.: TW F-AD)
- For vehicles without a
- center hole For all 3, 4, and 5 hole wheels
- The bolt circle is infinitely



(TW F-MOTO) For static and dynamic balancing of motorcycle wheels

Motorcycle adapter

- 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

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Accessories