

TRUCK

Wheel balancer G.90 HD Pro | Diagnostic

Truck wheel balancing machine with diagnostic function | Mechanical clamping | Automatic measuring arm | 19" touchscreen | Inner line laser | Wheel guard with sonar for steel and aluminum wheels | Height-adjustable flange | Height deviation sonar | Hub matching

Article number: 1 692 501 006

BEISSBARTH
MESSBAR BESSER

Description

Diagnostic wheel balancing machine for buses and trucks with height-adjustable flange

Height-adjustable flange:

- Easy clamping with the wheel on the ground instead of mid-air
- No separate wheel lift required
- Slide with only 59mm build height enables easier lateral movement

Measurement and balancing:

- Balancing of truck wheels in 8 seconds
- Wheel stopping in exact position via electromagnetic brake
- LED for enhanced visibility when placing weights
- Inner line laser for precise weight positioning
- Split program for dividing and hidden attachment of weights behind the spokes

Detection of wheel data:

- Automatic measuring arm for distance and diameter measurement and weight placement
- Extended measuring arm up to 32" rim diameter
- Automatic selection of clip-on or adhesive weight program
- Highest measurement accuracy ±0.5g

Wheel guard with integrated sonar:

- Automatic detection of wheel width for steel and aluminum wheels
- No manual input required with measuring gauge
- Balancing program starts automatically upon closing the wheel guard

19" touchscreen monitor:

- Graphical representation of all processes
- Simplifies correct balancing with guided workflows
- Operable even with gloves

Quick clamping:

- Mechanical clamping with quick clamping nut
- Stable 40mm shaft
- Handles wheel weights up to 200kg

Pro version with diagnostic function:

- Automatic runout measurement during each balancing operation
- Hub matching: eliminates vibrations by rotating the tire on the wheel
- Eliminates even the finest vibrations without the need for expensive load rollers

Included in the delivery:

- Quick lock ring
- Clamping cap
- Pressure ring

- 4-arm and 5-arm centering kit 1692502026
- 300g counterweight
- Weight pliers
- Measuring gauge

Technical Data

Max. wheel diameter	54.3" | 1380mm
Weight	210 kg
Shaft diameter	40 mm
Measuring speed	130 rpm
Measuring time	8s Car / 20s Truck
Display	19" Industrial Touchscreen
Max. rim width	20 "
Max. rim diameter	30 "
Max. wheel weight	200 kg
Length	2300 mm
Height	2195 mm
Power supply	230 V | 50 - 60 Hz | 1 ph
Width	1760 mm
Motor power	1,1 kW
Min. rim diameter	10 "
Balancing accuracy +/-	1 g
Packaging length	1800 mm
Packaging width	1130 mm
Packaging height	1827 mm
Min. rim width	1,5 "
Thread type	40 x 4 TR - Metrisches ISO-Trapezgewinde
Balancing accuracy truck +/-	10 g
Wheel data recording	semi-automatic
Stackable	1 Piece(s)
Units per 20ft container	4 Piece(s)
Units per 40ft container	9 Piece(s)

Accessories

1 692 502 025	Cones and clamping kit Truck | Ø 202 / 221 / 281 mm
1 692 502 026	Centering kit 4-arm and 5-arm star | for truck
1 692 502 027	Cones and clamping kit Passenger car | Ø 45 - 194 mm

1 692 502 031	Spacer | in combination with light truck cone 1692502047
1 692 502 032	Cone | for truck | 7.9" / 201 - 8.7" / 221 mm
1 692 502 033	Cone | for truck | 11" / 281 mm
1 692 502 034	Special cone | for truck | for central hole 8.5" / 215.9 mm
1 692 502 037	Universal 3-4-5-6-hole adapter | Ø 95 - 120 mm
1 692 502 038	3-arm star adapter SR3 | for light trucks | Ø 161 / 170 / 184.15 / 205 / 222.25 / 245 mm
1 692 502 039	Centering disc Ø 142 mm | for 3-arm star adapter SR3
1 692 502 040	Centering disc Ø 161 mm | for 3-arm star adapter SR3
1 692 502 041	Centering disc Ø 130 mm | for 3-arm star adapter SR3