

TANDEM VIBRATORY ROLLERS
BW 161 AD - 50, BW 202 AD - 50

PERFORMANCE DATA

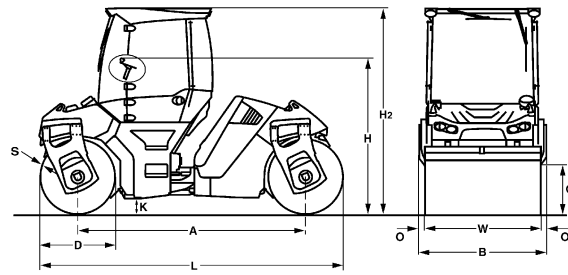


| Machine type | Compaction output (m ³ /h) at recommended soil layer thicknesses | | |
|----------------|---|------------|------------|
| | Gravel, sand | Mixed soil | Silt, clay |
| BW 161 AD - 50 | 150-320 | 140-260 | 100-220 |
| BW 202 AD - 50 | 280-550 | 200-400 | 150-250 |

| Machine type | Compaction output (t/h) at different asphalt layer thicknesses | | |
|----------------|--|---------|----------|
| | 2-4 cm | 6-8 cm | 10-14 cm |
| BW 161 AD - 50 | 50-100 | 100-200 | 150-230 |
| BW 202 AD - 50 | 80-160 | 130-270 | 200-340 |

Technical Data

| Shipping dimensions in m ³ | without ROPS | with ROPS |
|---------------------------------------|--------------|-----------|
| BW 161 AD - 50 | 20,572 | 27,103 |
| BW 202 AD - 50 | 25,670 | 33,820 |



Standard Equipment

- 2 amplitudes / 2 frequencies
- Autom. vibration operation
- Individual vibration control
- Driver's seat, slewable (-20/+70°)
- laterally slidable with steering wheel
- V-belt protection
- Pressure sprinkling system with 2 pumps
- Back-up alarm
- Battery disconnect switch
- Folding scrapers

Optional Equipment

- ROPS cabin with seat belts
+ heating, Ventilation
+ 4 Working head lights
- ROPS cabin with air conditioning
- Rotary beacon
- 2 LED-lights for cabin roof
(flatbeam)
- ROPS/FOPS
- Asphalt temperature display
- Crab walk
- BOMAG TELEMATIC START
- Compartments for documents and tools
- Outside mirrors
- Working lights
- Lights with german regulations
- Frequency 70Hz
- BCM-START

Dimensions in mm

| | A | B | C | D | H | H2 | K | L | O | S | W |
|-----------------------|------|------|-----|------|------|------|-----|------|----|----|------|
| BW 161 AD - 50 | 3620 | 1836 | 670 | 1220 | 2315 | 3050 | 250 | 4840 | 78 | 17 | 1680 |
| BW 202 AD - 50 | 3620 | 2291 | 670 | 1220 | 2315 | 3050 | 250 | 4840 | 78 | 19 | 2135 |

Technical Data

Weights

| | BOMAG BW 161 AD - 50 | BOMAG BW 202 AD - 50 |
|--------------------------------------|-------------------------|-------------------------|
| Operating weight CECE w. cab. | 10.000 kg | 12.300 |
| Axle load, front CECE | 5.100 kg | 6.350 |
| Axle load, rear CECE | 4.900 kg | 5.950 |
| Static linear load, front CECE | 30,4 kg/cm | 29,7 |
| Static linear load, rear CECE | 29,2 kg/cm | 27,9 |
| Grossweight | 10.500 kg | 13.000 |

Dimensions

| | BOMAG BW 161 AD - 50 | BOMAG BW 202 AD - 50 |
|---------------------------|-------------------------|-------------------------|
| Track radius, inner | 4.900 mm | 4.673 |

Driving Characteristics

| | BOMAG BW 161 AD - 50 | BOMAG BW 202 AD - 50 |
|---|-------------------------|-------------------------|
| Max. travel speed | 0- 11,5 km/h | 0- 12,0 |
| Max. gradeability without/with vibr. | 35/30 % | 35/30 |

Drive

| | BOMAG BW 161 AD - 50 | BOMAG BW 202 AD - 50 |
|-----------------------------|-------------------------|-------------------------|
| Engine manufacturer | Deutz | Deutz |
| Type | BF4M 2012 C | BF4M 2012 C |
| Emission stage | 2/2 | 2/2 |
| Cooling | water | water |
| Number of cylinders | 4 | 4 |
| Performance ISO 14396 | 103,0 kW | 103,0 |
| Speed | 2.500 min-1 | 2.500 |
| Electric equipment | 12 V | 12 |

Brakes

| | BOMAG BW 161 AD - 50 | BOMAG BW 202 AD - 50 |
|---------------------|-------------------------|-------------------------|
| Service brake | hydrost. | hydrost. |
| Parking brake | multi disc | multi disc |

Steering

| | BOMAG BW 161 AD - 50 | BOMAG BW 202 AD - 50 |
|-----------------------|-------------------------|-------------------------|
| Steering system | oscil.artic. | oscil.artic. |

Exciter system

| | BOMAG BW 161 AD - 50 | BOMAG BW 202 AD - 50 |
|-----------------------------|-------------------------|-------------------------|
| Vibrating drum | front + rear | front + rear |
| Autom. vibr. shut off | standard | standard |
| Frequency | 40/55 Hz | 40/55 |
| Amplitude | 0,87/0,44 mm | 0,99/0,37 |
| Centrifugal force | 95/90 kN | 126/88 |
| Centrifugal force | 9,7/9,2 t | 12,8/9,0 |

Capacities

| | BOMAG BW 161 AD - 50 | BOMAG BW 202 AD - 50 |
|-------------|-------------------------|-------------------------|
| Fuel | 145,0 l | 145,0 |
| Water | 750,0 l | 750,0 |

Technical modifications reserved. Machines may be shown with options.

