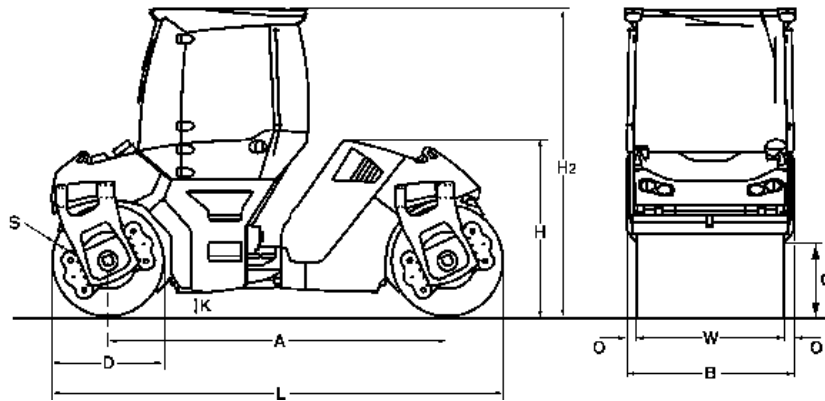


TECHNICAL DATA

TANDEM ROLLERS

BW 161 AD - 50, BW 202 AD - 50, BW 206 AD-50





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 |
| BW 206 AD-50 | 3900 | 2313 | 760 | 1400 | 2364 | 3093 | 250 | 5300 | 89 | 19 | 2135 |

Shipping dimensions in m3

BW 161 AD - 50
BW 202 AD - 50
BW 206 AD-50

without ROPS

20,572
 25,670
 28,980

with ROPS

27,103
 33,820
 37,917

| Machine type | Compaction output (m3/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 |
| BW 206 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 |
| BW 206 AD-50 | 90-180 | 150-300 | 250-500 |

Technical Data**BOMAG
BW 161 AD - 50****BOMAG
BW 202 AD - 50****BOMAG
BW 206 AD-50****Weights**

| | | | | |
|--------------------------------------|-------|--------|--------|--------|
| Operating weight CECE w. cab. | kg | 10.000 | 12.300 | 14.100 |
| Axle load, front CECE | kg | 5.100 | 6.350 | 6.950 |
| Axle load, rear CECE | kg | 4.900 | 5.950 | 7.150 |
| Static linear load, front CECE | kg/cm | 30,4 | 29,7 | 32,6 |
| Static linear load, rear CECE | kg/cm | 29,2 | 27,9 | 33,5 |
| Grossweight | kg | 10.500 | 13.000 | 16.000 |

Dimensions

| | | | | |
|---------------------------|----|-------|-------|-------|
| Track radius, inner | mm | 4.900 | 4.673 | 5.117 |
|---------------------------|----|-------|-------|-------|

Driving Characteristics

| | | | | |
|--|------|---------|---------|---------|
| Max. travel speed | km/h | 0- 11,5 | 0- 12,0 | 0- 12,0 |
| Max. gradeability without/with vibr. ... | % | 35/30 | 35/30 | 35/30 |

Drive

| | | | | |
|------------------------------|-------|------------------|------------------|------------------|
| Engine manufacturer | | Deutz | Deutz | Deutz |
| Type | | BF4M 2012 C | BF4M 2012 C | BF4M 2012 C |
| Emission stage | | Stage II / TIER2 | Stage II / TIER2 | Stage II / TIER2 |
| Cooling | | Liquid | Liquid | Liquid |
| Number of cylinders | | 4 | 4 | 4 |
| Performance ISO 14396 | kW | 103,0 | 103,0 | 103,0 |
| Performance SAE J 1995 | hp | 138,0 | 138,0 | 138,0 |
| Speed | min-1 | 2.500 | 2.500 | 2.500 |
| Electric equipment | V | 12 | 12 | 12 |

Brakes

| | | | | |
|---------------------|--|------------|------------|------------|
| Service brake | | hydrost. | hydrost. | hydrost. |
| Parking brake | | multi disc | multi disc | multi disc |

Steering

| | | | | |
|-----------------------|--|--------------|--------------|--------------|
| Steering system | | oscil.artic. | oscil.artic. | oscil.artic. |
|-----------------------|--|--------------|--------------|--------------|

Exciter system

| | | | | |
|-----------------------------|----|--------------|--------------|--------------|
| Vibrating drum | | front + rear | front + rear | front + rear |
| Autom. vibr. shut off | | standard | standard | standard |
| Frequency | Hz | 40/55 | 40/55 | 40/55 |
| Amplitude | mm | 0,87/0,44 | 0,84/0,31 | 0,92/0,42 |
| Centrifugal force | kN | 95/90 | 126/88 | 129/113 |
| Centrifugal force | t | 9,7/9,2 | 12,8/9,0 | 13,1/11,5 |

Capacities

| | | | | |
|-------------|---|-------|-------|-------|
| Fuel | l | 145,0 | 145,0 | 165,0 |
| Water | l | 750,0 | 750,0 | 970,0 |

Technical modifications reserved. Machines may be shown with options.

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
67Hz(BW161),70Hz(BW202/206)
- BOMAP compaction navigation with
GPS
- ECONOMIZER
- Edge cutter

