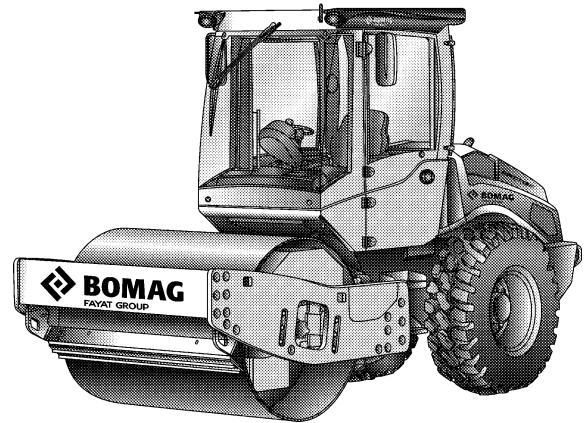


**SINGLE DRUM VIBRATORY ROLLERS
BW145 D-5, BW 145 DH-5, BW 145 PDH-5**

PERFORMANCE DATA



| Machine type | Compaction output (m ³ /h) | | | |
|--------------|---------------------------------------|--------------|------------|------------|
| | Rock fill | Gravel, sand | Mixed soil | Silt, clay |
| BW145 D-5 | - | 160-320 | 120-240 | 60-120 |
| BW 145 DH-5 | - | 160-320 | 120-240 | 60-120 |
| BW 145 PDH-5 | - | 160-320 | 120-240 | 80-160 |

| Machine type | Compacted layer thickness (m) | | | |
|--------------|-------------------------------|--------------|------------|------------|
| | Rock fill | Gravel, sand | Mixed soil | Silt, clay |
| BW145 D-5 | - | 0,40 | 0,30 | 0,15 |
| BW 145 DH-5 | - | 0,40 | 0,30 | 0,15 |
| BW 145 PDH-5 | - | 0,40 | 0,30 | 0,20 |

Technical Data

| Shipping dimensions in m3 | without ROPS | with ROPS |
|---------------------------|--------------|-----------|
| BW145 D-5 | 10,666 | 18,478 |
| BW 145 DH-5 | 10,666 | 18,478 |
| BW 145 PDH-5 | 10,666 | 18,478 |

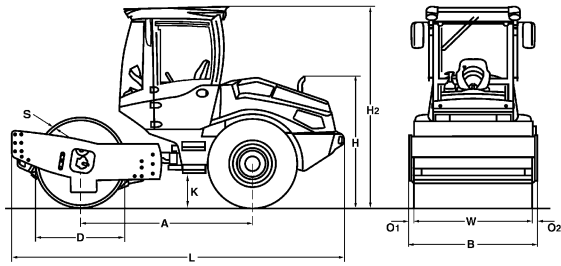
Standard Equipment

- BOMAG ECOMODE
- Double pump system for travel drive (DH/PDH)
- Warning, information and operation displays
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- 1 Scrapers (D/DH)
- 2 Scrapers (PDH)
- Emergency STOP
- Noise insulation
- Back-up warning system
- Tractor tires (PDH)

Optional Equipment

- * ROPS cabin with seat belts
- * Working lights front/rear
- Air condition
- Adjustable steering column
- Sliding window
- Radio (Bluetooth)
- ROPS/FOPS with safety belt
- BOMAG ECOSTOP
- TERRAMETER
- Printer for TERRAMETER
- Rotary beacon
- BCM 05 Documentation system
- Special painting
- Backup warning buzzer with broadband technology
- BOMAG TELEMATIC
- Tractor tires (D/DH)
- Rearview camera
- Environmentally compliant hydraulic oil
- Indicator and hazard lights
- Padfoot segment kit (D/DH)
- 2 Contact scrapers (D/DH)
- Dozer blade (DH/PDH)

* Standard delivery with CE conformity (valid within European Union)



Dimensions in mm

| | A | B | D | H | H2 | K | L | O1 | O1 | S | W |
|---------------------|------|------|------|------|------|-----|------|----|----|----|------|
| BW145 D-5 | 2250 | 1556 | 1058 | 1570 | 2720 | 320 | 4366 | 65 | 65 | 20 | 1426 |
| BW 145 DH-5 | 2250 | 1556 | 1058 | 1570 | 2720 | 320 | 4366 | 65 | 65 | 20 | 1426 |
| BW 145 PDH-5 | 2250 | 1556 | 1044 | 1570 | 2720 | 320 | 4366 | 65 | 65 | 15 | 1426 |

Technical Data

| | BOMAG | BOMAG | BOMAG |
|--|-----------|-------------|--------------|
| | BW145 D-5 | BW 145 DH-5 | BW 145 PDH-5 |

Weights

| | | | | |
|---|-------|-------|-------|-------|
| Grossweight | kg | 5.600 | 6.000 | 5.600 |
| Operating weight CECE w. ROPS-cabin | kg | 4.750 | 4.820 | 5.070 |
| Axle load, drum CECE | kg | 2.490 | 2.520 | 2.770 |
| Axle load, wheels CECE | kg | 2.260 | 2.300 | 2.300 |
| Static linear load CECE | kg/cm | 17,5 | 17,7 | |

Dimensions

| | | | | |
|---------------------------|----|-------|-------|-------|
| Working width | mm | 1.426 | 1.426 | 1.426 |
| Track radius, inner | mm | 2.890 | 2.890 | 2.890 |

Driving Characteristics

| | | | | |
|---|------|---------|---------|---------|
| Speed (1) | km/h | 0- 3,8 | 0- 10,0 | 0- 10,0 |
| Speed (2) | km/h | 0- 4,9 | | |
| Speed (3) | km/h | 0- 6,5 | | |
| Speed (4) | km/h | 0- 10,0 | | |
| Max. gradeability without/with vibr. | % | 51/48 | 64/59 | 64/59 |

Drive

| | | | |
|------------------------------|------------|------------|------------|
| Engine manufacturer | Deutz | Kubota | Kubota |
| Type | TD 2.9 L04 | V3307 CR-T | V3307 CR-T |
| Emission stage | 4/4 | 4/4 | 4/4 |
| Cooling | water | water | water |
| Number of cylinders | 4 | 4 | 4 |
| Performance ISO 3046 | kW | 55,4 | 55,4 |
| Performance SAE J 1995 | hp | 75,0 | 75,0 |
| Speed | min-1 | 2.400 | 2.400 |
| Fuel | diesel | diesel | diesel |
| Electric equipment | V | 12 | 12 |
| Drive system | hydrost. | hydrost. | hydrost. |
| Drum driven | standard | standard | standard |

Drums and Tyres

| | | | |
|-----------------|--------------|--------------|---------|
| Tyre size | 12.5-20 12PR | 12.5-20 12PR | 12.4-24 |
|-----------------|--------------|--------------|---------|

Brakes

| | | | |
|---------------------|-----------|-----------|-----------|
| Service brake | hydrost. | hydrost. | hydrost. |
| Parking brake | hydromec. | hydromec. | hydromec. |

Steering

| | | | |
|--|--------------|--------------|--------------|
| Steering system | oscil.artic. | oscil.artic. | oscil.artic. |
| Steering method | hydrost. | hydrost. | hydrost. |
| Steering / oscillating angle +/- | grad | 35/12 | 35/12 |

Exciter system

| | | | |
|-------------------------|----------|-----------|-----------|
| Drive system | hydrost. | hydrost. | hydrost. |
| Frequency | Hz | 31/35 | 31/35 |
| Amplitude | mm | 1,70/0,80 | 1,45/0,70 |
| Centrifugal force | kN | 80/56 | 80/56 |
| Centrifugal force | t | 8,2/5,7 | 8,2/5,7 |

Capacities

| | | | | |
|------------|---|-------|-------|-------|
| Fuel | l | 110,0 | 110,0 | 110,0 |
|------------|---|-------|-------|-------|

Technical modifications reserved. Machines may be shown with options.



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