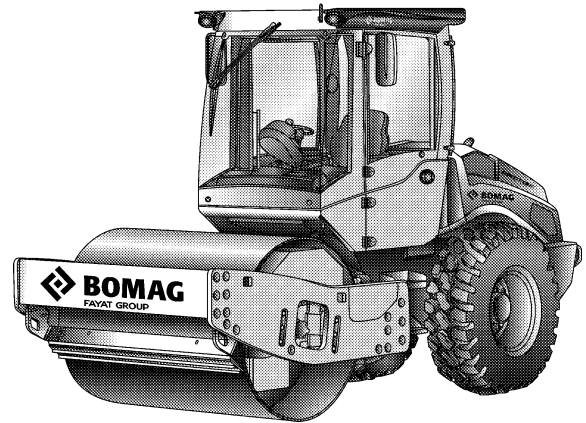


**SINGLE DRUM VIBRATORY ROLLERS  
BW177 D-5, BW 177 DH-5, BW 177 PDH-5**

**PERFORMANCE DATA**



| Machine type | Compaction output (m <sup>3</sup> /h) |              |            |            |
|--------------|---------------------------------------|--------------|------------|------------|
|              | Rock fill                             | Gravel, sand | Mixed soil | Silt, clay |
| BW177 D-5    | -                                     | 210-420      | 160-320    | 70-140     |
| BW 177 DH-5  | -                                     | 210-420      | 160-320    | 70-140     |
| BW 177 PDH-5 | -                                     | 210-420      | 160-320    | 95-190     |

| Machine type | Compacted layer thickness (m) |              |            |            |
|--------------|-------------------------------|--------------|------------|------------|
|              | Rock fill                     | Gravel, sand | Mixed soil | Silt, clay |
| BW177 D-5    | -                             | 0,45         | 0,35       | 0,15       |
| BW 177 DH-5  | -                             | 0,45         | 0,35       | 0,15       |
| BW 177 PDH-5 | -                             | 0,45         | 0,35       | 0,20       |

# Technical Data

| Shipping dimensions in m3 | without ROPS | with ROPS |
|---------------------------|--------------|-----------|
| <b>BW177 D-5</b>          | 13,670       | 23,141    |
| <b>BW 177 DH-5</b>        | 13,670       | 23,141    |
| <b>BW 177 PDH-5</b>       | 13,670       | 23,141    |

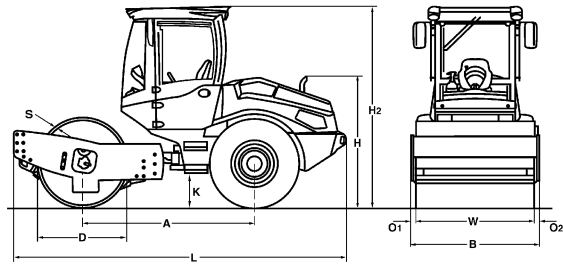
## Standard Equipment

- 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
- 2 Contact scrapers Plastic (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)
- Dozer blade (DH/PDH)

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



## Dimensions in mm

|                     | A    | B    | D    | H    | H2   | K   | L    | O1 | O2 | S  | W    |
|---------------------|------|------|------|------|------|-----|------|----|----|----|------|
| <b>BW177 D-5</b>    | 2350 | 1820 | 1228 | 1654 | 2800 | 380 | 4541 | 65 | 65 | 20 | 1686 |
| <b>BW 177 DH-5</b>  | 2350 | 1820 | 1228 | 1654 | 2800 | 380 | 4541 | 65 | 65 | 20 | 1686 |
| <b>BW 177 PDH-5</b> | 2350 | 1820 | 1208 | 1654 | 2800 | 380 | 4541 | 65 | 65 | 15 | 1686 |

## Technical Data

|  | BOMAG<br>BW177 D-5 | BOMAG<br>BW 177 DH-5 | BOMAG<br>BW 177 PDH-5 |
|--|--------------------|----------------------|-----------------------|
|--|--------------------|----------------------|-----------------------|

## Weights

|   |       |       |       |       |
|---|-------|-------|-------|-------|
| Grossweight .....                         | kg    | 7.800 | 8.200 | 7.600 |
| Operating weight CECE w. ROPS-cabin ..... | kg    | 6.600 | 6.700 | 6.950 |
| Axle load, drum CECE .....                | kg    | 4.000 | 4.050 | 4.300 |
| Axle load, wheels CECE .....              | kg    | 2.600 | 2.650 | 2.650 |
| Static linear load CECE .....             | kg/cm | 23,7  | 24,0  |       |

## Dimensions

|                           |    |       |       |       |
|---------------------------|----|-------|-------|-------|
| Working width .....       | mm | 1.686 | 1.686 | 1.686 |
| Track radius, inner ..... | mm | 2.975 | 2.975 | 2.975 |

## Driving Characteristics

|   |      |         |       |       |
|---|------|---------|-------|-------|
| Speed (1) .....                           | km/h | 0- 4,5  | 0-10  | 0-10  |
| Speed (2) .....                           | km/h | 0- 5,5  |       |       |
| Speed (3) .....                           | km/h | 0- 7,5  |       |       |
| Speed (4) .....                           | km/h | 0- 10,5 |       |       |
| Max. gradeability without/with vibr. .... | %    | 49/46   | 61/58 | 61/58 |

## 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     |
| Electric equipment .....     | V          | 12         | 12         |
| Drive system .....           | hydrost.   | hydrost.   | hydrost.   |
| Drum driven .....            | standard   | standard   | standard   |

## Drums and Tyres

|                 |             |             |         |
|-----------------|-------------|-------------|---------|
| Tyre size ..... | 14.9-24/8PR | 14.9-24/8PR | 14.9-24 |
|-----------------|-------------|-------------|---------|

## 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 (1) .....     | Hz       | 29        | 29        |
| Frequency (2) .....     | Hz       | 32        | 32        |
| Amplitude .....         | mm       | 1,90/0,80 | 1,75/0,88 |
| Centrifugal force ..... | kN       | 112/74    | 112/74    |
| Centrifugal force ..... | t        | 11,4/7,5  | 11,4/7,5  |

## Capacities

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

Technical modifications reserved. Machines may be shown with options.



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