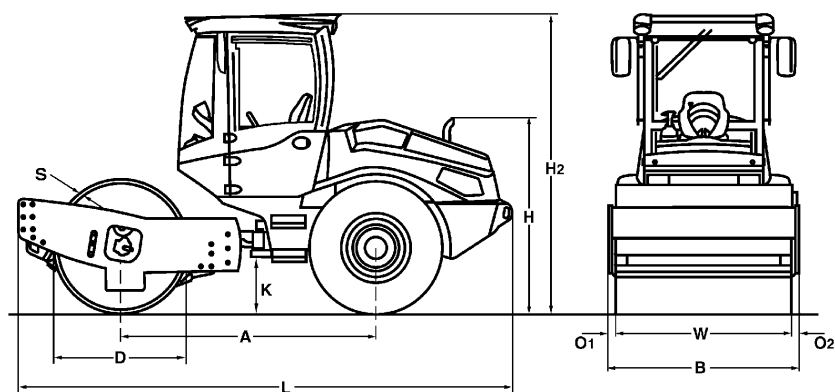


# TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 177 D-5 PL, BW 177 DH-5 PL, BW 177 PDH-5 PL





### Dimensions in mm

|                        | A    | B    | D    | H    | H2   | K   | L    | O1 | O2 | S  | W    |
|------------------------|------|------|------|------|------|-----|------|----|----|----|------|
| <b>BW 177 D-5 PL</b>   | 2350 | 1820 | 1230 | 1750 | 2800 | 380 | 4550 | 65 | 65 | 20 | 1690 |
| <b>BW 177 DH-5 PL</b>  | 2350 | 1820 | 1230 | 1750 | 2800 | 380 | 4550 | 65 | 65 | 20 | 1690 |
| <b>BW 177 PDH-5 PL</b> | 2350 | 1820 | 1210 | 1750 | 2800 | 380 | 4550 | 65 | 65 | 15 | 1690 |

### Shipping dimensions in m3

**BW 177 D-5 PL**  
**BW 177 DH-5 PL**  
**BW 177 PDH-5 PL**

### without ROPS

14,492  
14,492  
14,492

### with ROPS

23,187  
23,187  
23,187

| Machine type    | Compaction output (m3/h) |              |            |            |
|-----------------|--------------------------|--------------|------------|------------|
|                 | Rock fill                | Gravel, sand | Mixed soil | Silt, clay |
| BW 177 D-5 PL   | -                        | 210-420      | 160-320    | 70-140     |
| BW 177 DH-5 PL  | -                        | 210-420      | 160-320    | 70-140     |
| BW 177 PDH-5 PL | -                        | 210-420      | 160-320    | 95-190     |

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

## Technical Data

## BOMAG BW 177 D-5 PL

### Weights

|   |       |       |
|---|-------|-------|
| Grossweight .....                         | kg kg | 7.800 |
| Operating weight CECE w. ROPS-cabin ..... | kg kg | 7.100 |
| Axle load, drum CECE .....                | kg/cm | 4.500 |
| Axle load, wheels CECE .....              |       | 2.600 |
| Static linear load CECE .....             |       | 26,2  |

### Dimensions

|                           |    |       |
|---------------------------|----|-------|
| Working width .....       | mm | 1.690 |
| Track radius, inner ..... | mm | 2.975 |

### Driving Characteristics

|   |      |         |
|---|------|---------|
| Speed (1) .....                           | km/h | 0- 4,5  |
| 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   |

### Drive

|                                  |         |                  |
|----------------------------------|---------|------------------|
| Engine manufacturer .....        |         | Kubota           |
| Type .....                       |         | V3307 CR-T       |
| Emission stage .....             |         | Stage V / TIER4f |
| Exhaust gas aftertreatment ..... |         | DOC+DPF          |
| Cooling .....                    |         | Liquid           |
| Number of cylinders .....        |         | 4                |
| Performance ISO 3046 .....       |         | 55,4             |
| Performance SAE J 1995 .....     |         | 75,0             |
| Speed .....                      |         | 2.400            |
| Fuel .....                       |         | Diesel           |
| Electric equipment .....         | kW      | 12               |
| Drive system .....               | hp min- | hydrost.         |
| Drum driven .....                | 1       | standard         |

### Drums and Tyres

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

### Brakes

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

### Steering

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

### Exciter system

|                         |      |           |
|-------------------------|------|-----------|
| Drive system .....      | grad |           |
| Frequency (1) .....     | Hz   | hydrost.  |
| Frequency (2) .....     | Hz   | 29        |
| Amplitude .....         | mm   | 32        |
| Centrifugal force ..... | kN   | 1,90/0,80 |
| Centrifugal force ..... | t    | 112/74    |
| Centrifugal force ..... |      | 11,4/7,5  |

### Capacities

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

Technical modifications reserved. Machines may be shown with options.

### Standard Equipment

- ☒ BOMAG ECOMODE
- ☒ Double pump system for travel drive (DH/PDH)
- ☒ Self locking differential
- ☒ Rear axle with twin spring accumulator brakes
- ☒ Hydrostatic travel and vibration drive
- ☒ Hydrostatic articulated steering
- ☒ Articulated joint lock
- ☒ Warning, information and operation displays
- ☒ Single lever control for travel and vibration
- ☒ Back-up warning system
- ☒ 2 Contact scrapers Plastic (D/DH)
- ☒ 2 Scraper (PDH)
- ☒ Tractor tires (PDH)

### Optional Equipment

- ☐ ROPS cabin with seat belts
- ☐ ROPS/FOPS with safety belt
- ☐ Tractor tires (D/DH)
- ☐ Indicator and hazard lights
- ☐ Rotary beacon
- ☐ Rearview camera
- ☐ Air condition
- ☐ Adjustable steering column
- ☐ Sliding window
- ☐ Radio (DAB)
- ☐ BOMAG ECOSTOP
- ☐ ECONOMIZER
- ☐ TERRAMETER
- ☐ BOMAG TELEMATIC
- ☐ Special painting
- ☐ Reversing alarm buzzer with broad band audio
- ☐ Padfoot segment kit (D/DH)
- ☐ Dozer blade (DH/PDH)
- ☐ Environmentally compliant hydraulic oil
- ☐ Measuring- and machine data interface for third-party suppliers
- ☐ LED Working lights (Cabin)
- ☐ Radio remote control
- ☐ 360° Camera system

