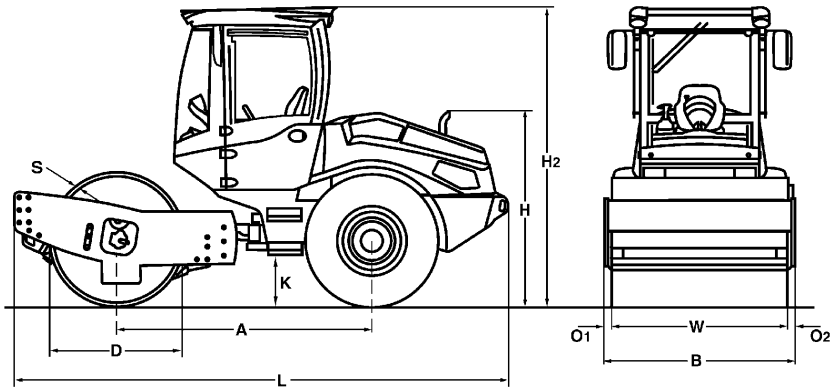
# TECHNICAL DATA

SINGLE DRUM ROLLER

BW 177 BVO-5 PL






## Dimensions in mm

| | A | B | D | H | H2 | K | L | O1 | O2 | S | W |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **BW 177 BVO-5 PL** | 2350 | 1820 | 1230 | 1750 | 2800 | 380 | 4550 | 65 | 65 | 20 | 1690 |

| **Shipping dimensions in m3** | **without ROPS** | **with ROPS** |
|---|---|---|
| **BW 177 BVO-5 PL** | 14,492 | 23,187 |

| **Machine type** | **Compaction output (m3/h)** | | | |
|---|---|---|---|---|
| | **Rock fill** | **Gravel, sand** | **Mixed soil** | **Silt, clay** |
| BW 177 BVO-5 PL | 370-740 | 240-480 | 190-380 | 95-190 |

| **Machine type** | **Compacted layer thickness (m)** | | | |
|---|---|---|---|---|
| | **Rock fill** | **Gravel, sand** | **Mixed soil** | **Silt, clay** |
| BW 177 BVO-5 PL | 0,80 | 0,50 | 0,40 | 0,20 |

## Technical Data

**BOMAG**
**BW 177 BVO-5 PL**

### Weights

| | | |
|---|---|---|
| Grossweight | kg | 8.000 |
| Operating weight CECE w. ROPS-cabin | kg | 7.000 |
| Axle load, drum CECE | kg | 4.250 |
| Axle load, wheels CECE | kg | 2.750 |
| Static linear load CECE | kg/cm | 25,1 |

### Dimensions

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

### Driving Characteristics

| | | |
|---|---|---|
| Speed (1) | km/h | 0-10 |
| Max. gradeability without/with vibr. | % | 60/57 |

### Drive

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

### Drums and Tyres

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

### Brakes

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

### Steering

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

### Exciter system

| | | |
|---|---|---|
| Drive system | | hydrost. |
| Frequency (1) | Hz | 28 |
| Amplitude (1) | mm | 2,20 |
| Amplitude (2) | mm | 0,80 |
| Centrifugal force | kN | 150/55 |
| Centrifugal force | t | 15,3/5,6 |
| Oscillation | | |
| O. Amplitude 1 | mm | 2,20 |

### Capacities

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

Technical modifications reserved. Machines may be shown with options.

## Standard Equipment

- ☑ BOMAG ECOMODE
- ☑ Oscillation mode
- ☑ Double pump system for travel drive
- ☑ 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
- ☑ BOMAG TELEMATIC
- ☑ Tinted safety glass panes

## Optional Equipment

- ☐ ROPS cabin with seat belts
- ☐ Air condition
- ☐ Sliding window
- ☐ Radio (DAB)
- ☐ Comfort package: Adjustable seat and adjustable steering column
- ☐ BOMAG ECOSTOP
- ☐ Rotary beacon
- ☐ Indicator and hazard lights
- ☐ Padfoot segment kit
- ☐ Special painting
- ☐ Environmentally compliant hydraulic oil
- ☐ Rearview camera
- ☐ Tractor tires
- ☐ Measuring- and machine data interface
- ☐ LED working lights
- ☐ Radio remote control
- ☐ 360° Camera system
- ☐ TERRAMETER
- ☐ Fleet Management Access
- ☐ Remote Control
- ☐ Cold start device
- ☐ BOMAP GPS antenna set
- ☐ BOMAP GPS antenna holder
- ☐ JOBLINK measuring technology interface
- ☐ Reversing alarm buzzer with broad band audio

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