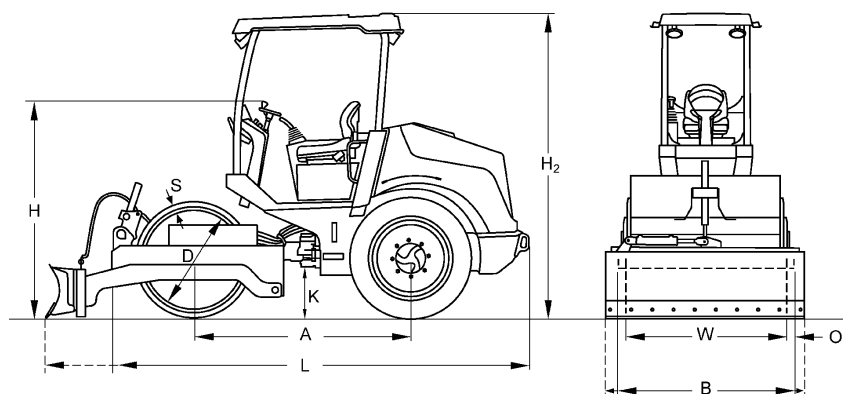


# TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 124 DH-5, BW 124 PDH-5





### Dimensions in inch

|                     | A    | B    | D    | H    | H <sub>2</sub> | K    | L     | O   | S    | W    |
|---------------------|------|------|------|------|----------------|------|-------|-----|------|------|
| <b>BW 124 DH-5</b>  | 71.5 | 51.6 | 37.8 | 72.8 | 99.2           | 12.6 | 138.6 | 2.2 | 0.59 | 47.2 |
| <b>BW 124 PDH-5</b> | 71.5 | 51.6 | 36.2 | 72.8 | 99.2           | 12.6 | 138.6 | 2.2 | 0.59 | 47.2 |

### Shipping dimensions in cub.yd

**BW 124 DH-5**  
**BW 124 PDH-5**

### without ROPS

11,157  
11,157

### with ROPS

15,204  
15,204

| Machine type | Compaction output (cub.yd/h) |              |            |            |
|--------------|------------------------------|--------------|------------|------------|
|              | Rock fill                    | Gravel, sand | Mixed soil | Silt, clay |
| BW 124 DH-5  | -                            | 137.3-274.7  | 98.1-196.2 | 52.3-117.7 |
| BW 124 PDH-5 | -                            | 137.3-274.7  | 98.1-196.2 | 65.4-130.8 |

| Machine type | Compacted layer thickness (in) |              |            |            |
|--------------|--------------------------------|--------------|------------|------------|
|              | Rock fill                      | Gravel, sand | Mixed soil | Silt, clay |
| BW 124 DH-5  | 0.0--                          | 13.8         | 9.8        | 5.9        |
| BW 124 PDH-5 | 0.0--                          | 13.8         | 9.8        | 7.9        |

## Technical Data

### BOMAG BW 124 DH-5

### BOMAG BW 124 PDH-5

#### Weights

|                                     |       |             |             |
|-------------------------------------|-------|-------------|-------------|
| Grossweight .....                   | lb    | 8,708       | 8,819       |
| Operating weight CECE .....         | lb    | 7,275       | 7,474       |
| Axle load, drum / wheels CECE ..... | lb    | 3,483/3,814 | 3,527/3,946 |
| Static linear load CECE .....       | lb/in | 73.7        |             |

#### Dimensions

|                           |    |      |      |
|---------------------------|----|------|------|
| Working width .....       | in | 47.2 | 47.2 |
| Track radius, inner ..... | in | 89.0 | 89.0 |

#### Driving Characteristics

|                                           |     |        |        |
|-------------------------------------------|-----|--------|--------|
| Speed .....                               | mph | 0- 5.6 | 0- 5.6 |
| Max. gradeability without/with vibr. .... | %   | 55/55  | 55/55  |

#### Drive

|                                  |     |                  |                  |
|----------------------------------|-----|------------------|------------------|
| Engine manufacturer .....        |     | Kubota           | Kubota           |
| Type .....                       |     | V2403            | V2403            |
| Emission stage .....             |     | Stage V / TIER4f | Stage V / TIER4f |
| Exhaust gas aftertreatment ..... |     | DPF              | DPF              |
| Cooling .....                    |     | water            | water            |
| Number of cylinders .....        |     | 4                | 4                |
| Performance ISO 3046 .....       | hp  | 45.6             | 45.6             |
| Performance SAE J 1995 .....     | hp  | 46.0             | 46.0             |
| Speed .....                      | rpm | 2,400            | 2,400            |
| Fuel .....                       |     | Diesel           | Diesel           |
| Electric equipment .....         | V   | 12               | 12               |
| Drive system .....               |     | hydrost.         | hydrost.         |
| Drum driven .....                |     | standard         | standard         |

#### Drums and Tires

|                 |  |            |            |
|-----------------|--|------------|------------|
| Tire size ..... |  | 9.5-24 4PR | 9.5-24 4PR |
|-----------------|--|------------|------------|

#### Brakes

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

#### Steering

|                                        |     |              |              |
|----------------------------------------|-----|--------------|--------------|
| Steering system .....                  |     | oscil.artic. | oscil.artic. |
| Steering method .....                  |     | hydrost.     | hydrost.     |
| Steering / oscillating angle +/- ..... | deg | 35/12.0      | 35/12.0      |

#### Exciter system

|                         |     |              |          |
|-------------------------|-----|--------------|----------|
| Drive system .....      |     | hydrost.     | hydrost. |
| Frequency .....         | vpm | 2,460.0/0.0  | 41       |
| Amplitude .....         | in  | 0.067/0.033  | 0.063    |
| Centrifugal force ..... | lb  | 19,109/9,667 | 19,109   |

#### Capacities

|            |     |      |      |
|------------|-----|------|------|
| Fuel ..... | gal | 15.9 | 15.9 |
|------------|-----|------|------|

Technical modifications reserved. Machines may be shown with options.

### Standard Equipment

- ☒ Hydrostatic travel and vibration drive
- ☒ Double pump system for travel drive
- ☒ 2 Spring accumulator brakes
- ☒ Self locking differential
- ☒ Hydrostatic articulated steering
- ☒ Contact scrapers
- ☒ Operating/Control Equipment
  - Hour meter
  - Charge control
  - Parking brake
  - Engine oil pressure
  - Engine temperature
  - air cleaner pollution
  - Fuel level indicator
- ☒ Warning horn
- ☒ Transport lashing and lifting points front/rear
- ☒ Lockable anti vandal dashboard protection
- ☒ Back-up alarm
- ☒ Emergency stop button
- ☒ ROPS/FOPS with safety belt
- ☒ Working lights
- ☒ Seat contact switch
- ☒ Rear windscreen
- ☒ Battery disconnect switch

### Optional Equipment

- ☐ Dozer blade (+350kg/772lb)
- ☐ Dozer blade (Pre-installation)
- ☐ Dozer blade with tilting mechanism (+440kg/970lb)
- ☐ Special painting
- ☐ Rotary beacon
- ☐ ECONOMIZER
- ☐ TELEMATIC
- ☐ Working lights
- ☐ Comfort package
- ☐ Smooth drum shell



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