

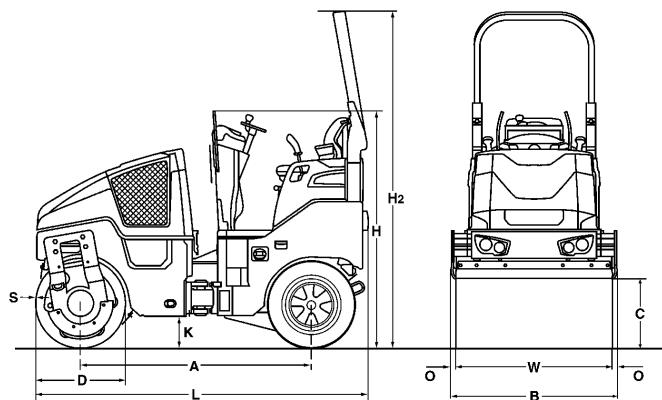


# TECHNICAL DATA

COMBINATION ROLLERS

BW 100 AC-5, BW 120 AC-5





### Dimensions in mm

|                    | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>H</b> | <b>H2</b> | <b>K</b> | <b>L</b> | <b>O</b> | <b>S</b> | <b>W</b> |
|--------------------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|
| <b>BW 100 AC-5</b> | 1752     | 1072     | 523      | 700      | 1808     | 2568      | 254      | 2529     | 36       | 13       | 1000     |
| <b>BW 120 AC-5</b> | 1752     | 1272     | 523      | 700      | 1808     | 2568      | 254      | 2529     | 36       | 13       | 1200     |

### Shipping dimensions in m<sup>3</sup>

|                    | <b>without ROPS</b> | <b>with ROPS</b> |
|--------------------|---------------------|------------------|
| <b>BW 100 AC-5</b> | 4,902               | 6,962            |
| <b>BW 120 AC-5</b> | 5,816               | 8,261            |

| <b>Machine type</b> | <b>Compaction output (t/h) at different asphalt layer thicknesses</b> |               |                 |
|---------------------|---|---------------|-----------------|
|                     | <b>2-4 cm</b>   | <b>6-8 cm</b> | <b>10-14 cm</b> |
| <b>BW 100 AC-5</b>  | 15-35   | 35-50         | 45-90           |
| <b>BW 120 AC-5</b>  | 20-40   | 40-60         | 55-105          |

| <b>Technical Data</b>                      | <b>BOMAG</b><br><b>BW 100 AC-5</b> | <b>BOMAG</b><br><b>BW 120 AC-5</b> |
|--|------------------------------------|------------------------------------|
| <b>Weights</b>                             |                                    |                                    |
| Operating weight w. ROPS CECE .....        | kg<br>2.350                        | kg<br>2.450                        |
| Axle load, drum CECE .....                 | kg<br>1.175                        | kg<br>1.225                        |
| Axle load, wheels CECE .....               | kg<br>1.175                        | kg<br>1.225                        |
| Wheel load CECE .....                      | kg<br>294                          | kg<br>306                          |
| Static linear load, front CECE .....       | kg/cm<br>11,8                      | kg<br>10,2                         |
| Grossweight .....                          | kg<br>3.300                        | kg<br>3.450                        |
| <b>Dimensions</b>                          |                                    |                                    |
| Working width .....                        | mm<br>1.000                        | mm<br>1.200                        |
| Track radius, inner .....                  | mm<br>2.550                        | mm<br>2.450                        |
| <b>Driving Characteristics</b>             |                                    |                                    |
| Speed .....                                | km/h<br>0- 10,0                    | km/h<br>0- 10,0                    |
| Working speed with vibration .....         | km/h<br>0- 10,0                    | km/h<br>0- 10,0                    |
| Max. gradeability without/with vibr. ..... | %<br>40/30                         | %<br>40/30                         |
| <b>Drive</b>                               |                                    |                                    |
| Engine manufacturer .....                  | Kubota                             | Kubota                             |
| Type .....                                 | D 1703                             | D 1703                             |
| Emission stage .....                       | Stage IIIa / TIER4i                | Stage IIIa / TIER4i                |
| Cooling .....                              | water                              | water                              |
| Number of cylinders .....                  | 3                                  | 3                                  |
| Performance ISO 14396 .....                | kW<br>24,3                         | 24,3                               |
| Performance SAE J 1995 .....               | hp<br>32,6                         | 32,6                               |
| Speed .....                                | min-1<br>2.600                     | 2.600                              |
| Speed adjustment 1 .....                   | min-1<br>2.500                     | 2.500                              |
| Speed adjustment 2 .....                   | min-1<br>2.600                     | 2.600                              |
| Electric equipment .....                   | V<br>12                            | 12                                 |
| Driven drum .....                          | standard                           | standard                           |
| Driven wheels .....                        | 4                                  | 4                                  |
| <b>Drums and Tyres</b>                     |                                    |                                    |
| Tyre size .....                            | 205/60-15                          | 9.5/65-15                          |
| <b>Brakes</b>                              |                                    |                                    |
| Service brake .....                        | hydrost.                           | hydrost.                           |
| Parking brake .....                        | hydromec.                          | hydromec.                          |
| <b>Steering</b>                            |                                    |                                    |
| Steering system .....                      | oscil.artic.                       | oscil.artic.                       |
| Steering method .....                      | hydrost.                           | hydrost.                           |
| Steering / oscillating angle +/- .....     | grad<br>32/10                      | 32/10                              |
| Crab walk .....                            | mm<br>50                           | 0- 50                              |
| <b>Exciter system</b>                      |                                    |                                    |
| Vibrating drum .....                       | front                              | front                              |
| Drive system .....                         | hydrost.                           | hydrost.                           |
| Frequency .....                            | Hz<br>63/67                        | 63/67                              |
| Amplitude .....                            | mm<br>0,50                         | 0,50                               |
| Centrifugal force .....                    | kN<br>30/34                        | 36/41                              |
| <b>Sprinkler System</b>                    |                                    |                                    |
| Type of sprinkling .....                   | pressure                           | pressure                           |
| <b>Capacities</b>                          |                                    |                                    |
| Fuel .....                                 | l<br>35,0                          | 35,0                               |
| Water .....                                | l<br>160,0                         | 160,0                              |
| Emulsion .....                             | l<br>45,0                          | 45,0                               |

Technical modifications reserved. Machines may be shown with options.

### **Standard Equipment**

- Four smooth rear rubber wheels
- Hydrostatic travel and vibration drive
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Emergency STOP
- Intelligent Vibration Control (IVC)
- Integrated storage compartment
- Adjustable operator's seat
- Seat contact switch
- Vandalism protection
- 12V socket
- Working lights front and rear
- Back-up alarm
- Lockable engine hood made of composite material
- Lashing eyes, galvanized
- Single point lifting device

### **Optional Equipment**

- \* Foldable ROPS incl. seat belt
- Sun roof, rigid
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Seat heating
- Sliding seat incl. double travel lever
- ECONOMIZER with asphalt temperature display
- Temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Lighting for drum edge
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Theft protection
- Edge cutter
- Gravel scrapper
- Hydraulically adjustable crabwalk (50mm)
- Pointer
- Special painting
- Backup warning buzzer with broadband technology
- ECOSTOP
- Outside mirrors
- Tablet holder set

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

