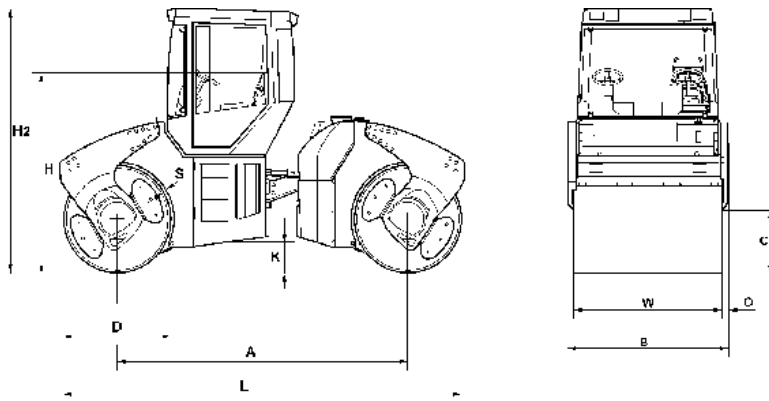


# TECHNICAL DATA

TANDEM ROLLERS

BW 205 AD-4





**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 205 AD-4</b> | 3300     | 2295     | 715      | 1236     | 2320     | 3000      | 350      | 4610     | 80       | 32       | 2135     |

**Shipping dimensions in m3**

**BW 205 AD-4**

**without ROPS**

24,545

**with ROPS**

31,740

| <b>Machine type</b> | <b>Compaction output (m3/h) at recommended soil layer thicknesses</b> |                   |                   |
|---------------------|---|-------------------|-------------------|
|                     | <b>Gravel, sand</b>   | <b>Mixed soil</b> | <b>Silt, clay</b> |
| BW 205 AD-4         | 340-670   | 340-490           | 200-320           |

| <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> |
| BW 205 AD-4         | 95-190  | 160-330       | 245-415         |

## Technical Data

## BOMAG BW 205 AD-4

### Weights

|   |       |        |
|---|-------|--------|
| Operating weight CECE w. ROPS-cabin ..... | kg    | 14.800 |
| Axle load, front CECE .....               | kg    | 7.400  |
| Axle load, rear CECE .....                | kg    | 7.400  |
| Static linear load, front CECE .....      | kg/cm | 34,7   |
| Static linear load, rear CECE .....       | kg/cm | 34,7   |
| Grossweight .....                         | kg    | 15.600 |

### Dimensions

|                           |    |       |
|---------------------------|----|-------|
| Track radius, inner ..... | mm | 4.170 |
|---------------------------|----|-------|

### Driving Characteristics

|   |      |         |
|---|------|---------|
| Speed (1) .....                           | km/h | 0- 5,7  |
| Speed (2) .....                           | km/h | 0- 11,0 |
| Max. gradeability without/with vibr. .... | %    | 30/25   |

### Drive

|                             |       |                    |
|-----------------------------|-------|--------------------|
| Engine manufacturer .....   |       | Deutz              |
| Type .....                  |       | TCD 2012 L04 2V    |
| Emission stage .....        |       | Stage IIIa / TIER3 |
| Cooling .....               |       | Liquid             |
| Number of cylinders .....   |       | 4                  |
| Performance ISO 14396 ..... | kW    | 100,0              |
| Speed .....                 | min-1 | 2.300              |
| Electric equipment .....    | V     | 12                 |

### Brakes

|                     |  |            |
|---------------------|--|------------|
| Service brake ..... |  | hydrost.   |
| Parking brake ..... |  | multi disc |

### Steering

|  |      |              |
|--|------|--------------|
| Steering system .....                  |      | oscil.artic. |
| Lateral displacement right/left .....  | mm   | 170          |
| Steering / oscillating angle +/- ..... | grad | 30/6         |

### Exciter system

|                             |    |              |
|-----------------------------|----|--------------|
| Vibrating drum .....        |    | front + rear |
| Autom. vibr. shut off ..... |    | standard     |
| Frequency .....             | Hz | 40/50        |
| Amplitude .....             | mm | 0,60/0,25    |
| Centrifugal force .....     | kN | 126/84       |
| Centrifugal force .....     | t  | 12,8/8,6     |

### Capacities

|             |   |         |
|-------------|---|---------|
| Fuel .....  | l | 200,0   |
| Water ..... | l | 1.000,0 |

Technical modifications reserved. Machines may be shown with options.

### Standard Equipment

- 2 amplitudes / 2 frequencies
- Crab steer right/left 170 mm
- Autom. vibration operation
- Individual vibration control
- Operator's platform with:
  - two steering wheels
  - Rotable and laterally sliding seat
- 2 travel levers with integrated switches for vibration
  - + Edge pressing roller
  - + Crab steer right/left
- Pressure sprinkling system with 2 pumps
- Back-up alarm
- Battery disconnect switch

### Optional Equipment

- \* ROPS cabin with seat belts
  - + 4 integrated lights
- Cabin without ROPS
- Indicator and hazard lights
- ROPS/FOPS with safety belt
- Sun roof
- Rotary beacon
- Speedometer
- Asphalt temperature display
- Edge cutter
- Folding scrapers
- Air condition
- ECONOMIZER
- Radio
- Additional outside mirrors
- Fire extinguisher
- Pointer
- BOMAP compaction navigation with GPS

