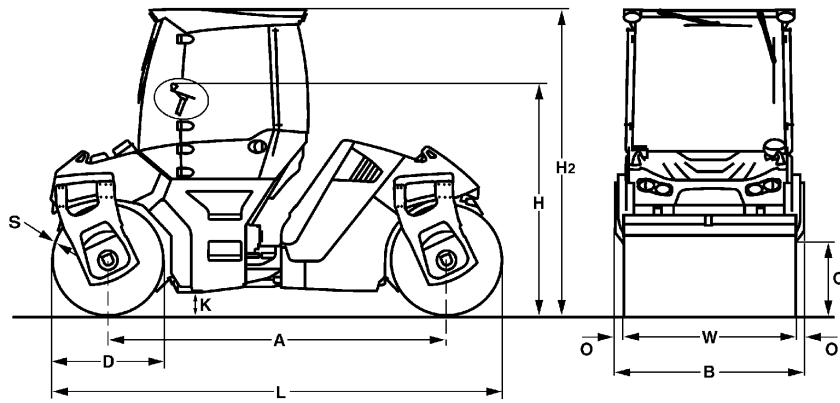


# TECHNICAL DATA

TANDEM ROLLER

BW 191 AD-5 AM, BW 206 AD-5 AM





### Dimensions in inch

|                | A     | B    | C    | D    | H    | H2    | K   | L     | O   | S1   | S2   | W    |
|----------------|-------|------|------|------|------|-------|-----|-------|-----|------|------|------|
| BW 191 AD-5 AM | 153.5 | 85.7 | 29.9 | 55.1 | 93.1 | 122.0 | 9.8 | 208.7 | 3.5 | 0.87 | 0.75 | 78.7 |
| BW 206 AD-5 AM | 153.5 | 91.1 | 29.9 | 55.1 | 93.1 | 122.0 | 9.8 | 208.7 | 3.5 | 0.87 | 0.75 | 84.1 |

### Shipping dimensions in cub.yd

BW 191 AD-5 AM  
BW 206 AD-5 AM

### without ROPS

35,684  
37,933

### with ROPS

46,761  
49,708

| Machine type   | Compaction output (cub.yd/h) at recommended soil layer thicknesses |             |             |
|----------------|--------------------------------------------------------------------|-------------|-------------|
|                | Gravel, sand                                                       | Mixed soil  | Silt, clay  |
| BW 191 AD-5 AM | 235.4-444.7                                                        | 196.2-366.2 | 143.9-235.4 |
| BW 206 AD-5 AM | 235.4-444.7                                                        | 196.2-366.2 | 143.9-235.4 |

| Machine type   | Compaction output (t/h) at different asphalt layer thicknesses |             |             |
|----------------|----------------------------------------------------------------|-------------|-------------|
|                | 0.8-1.6 in                                                     | 2.4-3.1 in  | 3.9-5.5 in  |
| BW 191 AD-5 AM | 78.5-170.0                                                     | 130.8-300.8 | 209.3-366.2 |
| BW 206 AD-5 AM | 78.5-170.0                                                     | 130.8-300.8 | 209.3-366.2 |

## Technical Data

### BOMAG BW 191 AD-5 AM

### BOMAG BW 206 AD-5 AM

#### Weights

|                                           |       |        |        |
|-------------------------------------------|-------|--------|--------|
| Operating weight CECE w. ROPS-cabin ..... | lb    | 30,644 | 31,967 |
| Grossweight .....                         | lb    | 33,070 | 35,274 |
| Axle load, front CECE .....               | lb    | 15,543 | 16,204 |
| Axle load, rear CECE .....                | lb    | 15,102 | 15,763 |
| Static linear load, front CECE .....      | lb/in | 197.4  | 192.8  |
| Static linear load, rear CECE .....       | lb/in | 191.8  | 187.5  |

#### Dimensions

|                                     |    |       |       |
|-------------------------------------|----|-------|-------|
| Track radius, inner .....           | in | 204.3 | 201.5 |
| Length (without towing hitch) ..... | in | 208.7 | 208.7 |

#### Driving Characteristics

|                                           |     |        |        |
|-------------------------------------------|-----|--------|--------|
| Max. travel speed .....                   | mph | 0- 7.5 | 0- 7.5 |
| Max. gradeability without/with vibr. .... | %   | 35/30  | 35/30  |

#### Drive

|                                  |     |                  |                  |
|----------------------------------|-----|------------------|------------------|
| Engine manufacturer .....        |     | Deutz            | Deutz            |
| Type .....                       |     | TCD 4.1 L04      | TCD 4.1 L04      |
| Emission stage .....             |     | Stage V / TIER4f | Stage V / TIER4f |
| Exhaust gas aftertreatment ..... |     | DPF+SCR          | DPF+SCR          |
| Cooling .....                    |     | Liquid           | Liquid           |
| Number of cylinders .....        |     | 4                | 4                |
| Performance ISO 14396 .....      | hp  | 140.8            | 140.8            |
| Performance SAE J 1995 .....     | hp  | 141.0            | 141.0            |
| Speed .....                      | rpm | 2,300            | 2,300            |

#### Brakes

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

#### Steering

|                       |  |              |              |
|-----------------------|--|--------------|--------------|
| Steering system ..... |  | oscil.artic. | oscil.artic. |
|-----------------------|--|--------------|--------------|

#### Exciter system

|                             |     |                 |                 |
|-----------------------------|-----|-----------------|-----------------|
| Vibrating drum .....        |     | front + rear    | front + rear    |
| Autom. vibr. shut off ..... |     | standard        | standard        |
| Frequency .....             | vpm | 2,760.0/2,700.0 | 2,760.0/2,700.0 |
| Amplitude .....             | in  | 0.037/0.017     | 0.036/0.017     |
| Centrifugal force .....     | lb  | 36,644/16,861   | 36,644/16,861   |
| Centrifugal force .....     | t   | 3,732/1,709     | 3,732/1,709     |

#### Vario system

|                          |     |                 |                 |
|--------------------------|-----|-----------------|-----------------|
| ASPHALT MANAGER .....    |     | front           | front           |
| Frequency .....          | vpm | 46              | 46              |
| Amplitude directed ..... |     | autom./variable | autom./variable |
| Amplitude .....          | in  | 0- 0.034        | 0- 0.033        |
| Centifugal force .....   | lb  | 120             | 120             |
| Centifugal force .....   | t   | 12.2            | 12.2            |

#### Capacities

|             |     |       |       |
|-------------|-----|-------|-------|
| Fuel .....  | gal | 43.6  | 43.6  |
| Water ..... | gal | 256.2 | 256.2 |

Technical modifications reserved. Machines may be shown with options.

### Standard Equipment

- ☒ ASPHALT MANAGER 2
- ☒ Highly wear resistant AM drum
- ☒ Oscillation mode
- ☒ 2 amplitudes / 2 frequencies rear
- ☒ ECOMODE
- ☒ Autom. vibration operation
- ☒ Individual vibration control
- ☒ Swivel seat with integrated electronic steering wheel
- ☒ Emergency stop button
- ☒ V-belt protection
- ☒ Pressure sprinkling system with 2 pumps
- ☒ Indicator and hazard lights
- ☒ Back-up alarm
- ☒ Battery disconnect switch
- ☒ Compartments for documents and tools
- ☒ BOMAG OPERATION PANEL (BOP)
- ☒ EVIB-Control panel
- ☒ Asphalt temperature display

### Optional Equipment

- ☐ ROPS cabin with seat belts
  - + heating, Ventilation
  - + 4 Working head lights
- ☐ ROPS cabin with air conditioning
- ☐ Rotary beacon
- ☐ Crab-walk to both sides (6.7in)
- ☐ 2 LED-lights for cabin roof (flatbeam)
- ☐ Edge cutter
- ☐ Special painting
- ☐ Environmentally compliant hydraulic oil
- ☐ Radio/Radio preparation
- ☐ Printer for ASPHALT MANAGER 2
- ☐ Lighting for drum edge front and rear
- ☐ Seat heating
- ☐ Approval by the German TÜV
- ☐ BOMAG TELEMATIC POWER
- ☐ Outside mirrors
- ☐ BOMAP compaction navigation with GPS

