



BOMAG
FAYAT GROUP

Tandem Vibratory Roller **BW213DH-4 BVC**

INTELLIGENT
COMPACTION



KEY FEATURES

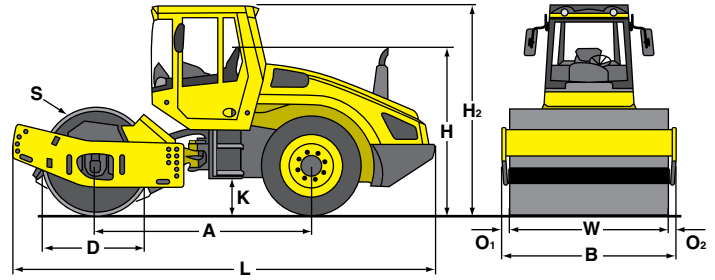
- 82,125 lbs centrifugal force
- BOMAG ECOMODE
- Automatic force vectoring
- Thick lift compaction
- Consistent compaction quality
- Variocontrol intelligence
- Proof rolling versatility
- Compaction performance documentation



Technical Specifications

BW213DH-4 BVC

| Shipping dimensions in cubic feet (m ³) | without/with ROPS/FOPS | |
|---|------------------------|---------------|
| BW213DH-4 BVC | 1056 (29.9) | 1389.8 (39.3) |



Standard Equipment

- Warning, information and operation displays with LCD
- Steering with hand wheel integrated in left hand arm rest
- Hydrostatic travel and vibration drive
- BOMAG Variocontrol
- BOMAG ECOMODE
- Measuring System BTM prof
- Anti Slip Control (ASC)
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Seat contact switch
- Warning horn
- Single lever control for travel and vibration
- Swivel seat, adjustable in height and longitudinal direction, with two armrests and seatback with inclination adjustment
- Scrapers (plastic)
- Towing hooks front/rear
- Emergency STOP
- Sound insulation
- Back-up warning system
- ROPS cabin with seat belts

Optional Equipment

- Rotary beacon
- Working lights front/rear
- Contact scrapers (Steel)
- BCM05
- Special paint
- Air conditioning
- Indicator and hazard lights

Dimensions inches (mm)

| | A | B | D | H | H ₂ | K | L | O ₁ | O ₂ | S | W |
|---------------|--------------|-------------|-------------|-------------|----------------|------------|--------------|----------------|----------------|----------|-------------|
| BW213DH-4 BVC | 116.5 (2960) | 89.4 (2270) | 59.1 (1500) | 89.3 (2268) | 117.5 (2985) | 19.3 (490) | 228.7 (5808) | 2.8 (70) | 2.8 (70) | 1.4 (35) | 83.9 (2130) |

Technical data

Weights

| | |
|---------------------------------------|-------------|
| Operating weight with ROPS Cabin..... | lbs (kg) |
| Axle load, drum | lbs (kg) |
| Axle load, wheels..... | lbs (kg) |
| Static linear load (drum) | pli (kg/cm) |

Dimensions

| | |
|--------------------------|---------|
| Working width..... | in (mm) |
| Track radius, inner..... | in (mm) |

Driving Characteristics (depending on site conditions)

| | |
|---|------------|
| Speed | mph (kmph) |
| Max. gradeability without/with vibration..... | % |

Drive

| | |
|---|---------|
| Engine manufacturer..... | |
| Type..... | |
| Tier compliance | |
| Cooling..... | |
| Number of cylinders | |
| Performance SAE J 1995 (ISO 9249) | hp (kW) |
| Speed | rpm |
| Fuel..... | |
| Electric equipment | V |
| Drive system | |
| Drum driven..... | |

Drums and Tires

| | |
|-----------------|--|
| Tire size | |
|-----------------|--|

Brakes

| | |
|---------------------|--|
| Service brake | |
| Parking brake..... | |

Steering

| | |
|---------------------------------------|---------|
| Steering system / method..... | |
| Steering / Oscillating angle +/-..... | degrees |

Vibratory system

| | |
|-------------------------|----------|
| Frequency | vpm (Hz) |
| Amplitude..... | in (mm) |
| Centrifugal force | lbs (kN) |

Capacities

| | |
|-----------|---------|
| Fuel..... | gal (l) |
|-----------|---------|

Technical modifications reserved. Machines may be shown with options.

BOMAG

BW213DH-4 BVC

| | |
|---------------------------------------|---------------|
| Operating weight with ROPS Cabin..... | 32849 (14900) |
| Axle load, drum | 20723 (9400) |
| Axle load, wheels..... | 12126 (5500) |
| Static linear load (drum) | 247 (44.1) |

| | |
|--------------------------|--------------|
| Working width..... | 83.9 (2130) |
| Track radius, inner..... | 137.6 (3494) |

| | |
|---|--------------|
| Speed | 0-8.7 (0-14) |
| Max. gradeability without/with vibration..... | 53/50 |

| | |
|---|--------------|
| Engine manufacturer..... | Deutz |
| Type..... | TCD 2013 L04 |
| Tier compliance | Tier 3 |
| Cooling..... | Water |
| Number of cylinders | 4 |
| Performance SAE J 1995 (ISO 9249) | 160 (119) |
| Speed | 2200 |
| Fuel..... | diesel |
| Electric equipment | 12 |
| Drive system | hydrostatic |
| Drum driven..... | standard |

| | |
|-----------------|-----------------|
| Tire size | 23.1/18-26/12PR |
|-----------------|-----------------|

| | |
|---------------------|-------------|
| Service brake | hydrostatic |
| Parking brake..... | SAHR |

| | |
|---------------------------------------|------------------------------|
| Steering system / method..... | oscil., artic. / hydrostatic |
| Steering / Oscillating angle +/-..... | 35 / 12 |

| | |
|-------------------------|-----------------|
| Frequency | 1680 (28) |
| Amplitude..... | 0-0.098 (0-2.5) |
| Centrifugal force | 82125 (365) |

| | |
|-----------|------------|
| Fuel..... | 89.8 (340) |
|-----------|------------|

| MODEL | Compaction Output (cu. yd/h) at recommended soil layer/lift thickness. * | | | |
|---------------|--|--------------|-------------|------------|
| | Rock Fill | Gravel, Sand | Mixed Soils | Silt, Clay |
| BW213DH-4 BVC | 916 - 1831 | 628 - 1256 | 471 - 942 | 275 - 549 |

| MODEL | Compaction Layer Thickness (in).* | | | |
|---------------|-----------------------------------|--------------|-------------|------------|
| | Rock Fill | Gravel, Sand | Mixed Soils | Silt, Clay |
| BW213DH-4 BVC | 47.2 | 31.5 | 23.6 | 11.8 |

* Compaction output influenced by soil/material type and moisture content.