**KEY FEATURES**

- Intelligent Compaction Roller
- Directed Vibration
- Proof Rolling Capability
- Perimeter Frame Design
- BOP Display w/Real Time Data
- ECOMODE throttle control
- Onboard Printer
- Sliding and Swivel Seat
- Infinite Variable Frequency
- Asphalt Mat Temp Display
Technical Specifications

BW278AD-4 AM

Standard Equipment
- Intelligent Compaction variomatic drum
- BOP display with AM II for Evib
- Onboard printer
- Cummins QSB4.5 tier 3 diesel
- ECOMODE throttle control
- 78” x 48” diameter machined drums
- LCD instrument panel
- Vandal protection
- Water saver system
- Pressurized, non-corrosive water spray system
- Hydrostatic drive
- Electronic controls
- Automatic vibrator “On/Off”
- Speed limiter travel design
- Secondary/Park Brake Release
- FOPS/ROPS with seat belts
- Asphalt mat temperature sensing system
- Back up alarm
- Horn
- Contact scrapers

Optional Equipment
- Night paving lights
- BCM05 documentation
- GPS positioning
- Special paint
- Spring loaded scrapers
- Low water indicator
- Rotating beacon light - magnetic mount
- Working lights (front/rear)
- Turn signals and 4 way flashers

Dimensions in inches (mm)

<table>
<thead>
<tr>
<th>BW278AD-4 AM</th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>H</th>
<th>H2</th>
<th>K</th>
<th>L</th>
<th>W</th>
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<td></td>
<td>120</td>
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<td>78</td>
<td>111</td>
<td>15</td>
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Technical data

Weights
- Operating weight: lbs (kg) 26532 (12030)
- Axle load (front): lbs (kg) 14614 (6629)
- Axle load (rear): lbs (kg) 11909 (5401)
- Average static linear load: front pI (kg/cm) 187 (52.1)
- Average static linear load: rear pI (kg/cm) 153 (26.4)

Driving characteristics (depending on site conditions)
- Speed (1): mph (kmph) 0-5 (0-8.1)
- Speed (2): mph (kmph) 0-7 (0-11.3)
- Max. gradeability (without vibration): % 40

Drive
- Engine type: Cummins QSB4.5
- Tier compliance: Tier 3
- Water: 4
- Diesel: 12
- Hydrostatic / f+r

Brakes
- Service / Parking brake: hydrostatic / SAHR

Steering
- Steering / Oscillating angle: degrees 34 / 12
- Track Radius, inner: in (mm) 198 (5029)

Vario system (Front Drum)
- Amplitude (directed): in (mm) 0 - 0.033 (0 - 0.83)
- Frequency: vpm (Hz) 2500 - 3000 (42 - 50)
- Centrifugal force - (maximum): lbs (kN) 45707 (203)

Vibratory system (Rear Drum in AM mode)
- Amplitude: in (mm) 0.017/0.027 (0.44/0.68)
- Frequency: vpm (Hz) 2500 - 3000 (42 - 50)
- Centrifugal force - (maximum): lbs (kN) 19691/31063 (89/138)

Vibratory system (Rear Drum only mode)
- Low amplitude: in (mm) 0.017 (0.44)
- Frequency: vpm (Hz) 2390 - 4000 (42 - 67)
- High amplitude: in (mm) 0.027 (0.68)
- Frequency: vpm (Hz) 2500 - 3300 (42 - 55)
- Centrifugal force - (maximum): lbs (kN) 37586 (167)

Water Spray System
- Type of system: pressurized

Capacities
- Fuel: gal (l) 60 (227)
- Water tanks (total capacity): gal (l) 318 (1204)
- Engine Oil: gal (l) 2.5 (9.5)

Technical modifications reserved. Machines may be shown with options.