KEY FEATURES

- Low profile design for greater visibility.
- Two amplitudes for application variability.
- Joystick controls for ease of operation.
- Dual seating for clean sight lines to the drum edges.
- Optional night paving light package.
- 4000 VPM for greater productivity, smoothness and density.
- Automatic start/stop settings ensure smooth mat transitions.

www.bomag.com/us
The BOMAG BW284AD tandem roller is designed to handle the largest and toughest paving situations. Designed specifically for the rigorous demands of SUPERPAVE applications, with large diameter 54" drums, which minimize shoving of material, and an 84" rolling width, this model has the capability for high production results. With a maximum compaction output force of 38,660 lbs. per drum and available 4,000 vpm frequency, required densities are achieved in fewer roller passes. Combine this with exceptional operating visibility and cutting edge control functions and features, the BW284AD roller will meet and exceed your every expectation.

**Applications:**
- Highway construction and maintenance
- Airports
- Parking lots
- Asphalt repairs and resurfacing

**Equipped to handle a wide range of compaction applications...**

** BW284AD **

*Designed to deliver production, smoothness and density in the fewest number of passes.*
Less Service and Maintenance:
The purchase price is important, but so are the operating costs. Check these features:

- Easy On / Off water spray nozzles.
- High capacity (170 gallons / each) impact resistant water tanks provide a low center of gravity, dual fill ports for convenient filling from either side and primary strainers as well as suction filtration to minimize spray nozzle plugging.
- Dual rubber drum scrapers per drum, minimize asphalt pick-up and help distribute water across the entire 84” wide rolling surface.
- Centerjoint is totally maintenance free, providing + / - 28 degrees articulation for high maneuverability and + / - 12 degrees of frame oscillation to insure maximum drum contact on uneven paving surfaces.
- Access to the Cummins engine for maintenance is simple and quick, with strategically located components and test ports grouped for easy access.
- Drum vibration bearings, as well as travel motor(s) integral SAHR brakes, are virtually maintenance free.

Handling is Easier & Safer:
- Operator’s station provides excellent visibility to both the surrounding jobsite area as well as the drum(s) rolling surface and edges.
- Operator’s platform is vibration isolated to provide a fatigue-free working environment.
- Operator’s seats swivel right to left to provide a safer, more comfortable viewing angle of the work area.
- Joystick controls provide for accurate and comfortable roller operation.
- Operator’s control console adjusts to virtually all size operators, to insure a comfortable and productive seating position.
- Large diameter 54” drums minimize material shoving.
- Information display provides critical operating details to insure successful and productive paving results.

Improved compaction performance and operator comfort:

Waterspray system is further protected by fill port strainer and in-tank suction filtration. Fill port cover is lockable for vandal protection.

With these features and many more, it’s easy to see why this model maintains a high residual value while delivering lower lifetime operating costs.
Technical Specifications

BW284AD

Standard Equipment
- Cummins QSB4.5 diesel engine
- Hydrostatic travel and vibration drive
- Centerpoint articulated steering
- Spring Applied Hydraulically Released (SAHR) brakes on each drum
- Dual seating position with swivel and adjustable seats
- Vibration isolated operators station
- Vibration control in travel lever
- Manual waterspray control in steering lever
- Water saver system
- Auto waterspray “on / off” with travel speed
- Infinitely adjustable vibration frequencies to 4,000 VPM’s
- Dual vibration amplitudes
- Auto / manual vibration modes
- Auto vibrator “on / off” set point
- Speed control electronically adjustable
- Impact spacing selection feature
- Lead / trail drum selection
- Asphalt mat temperature display
- Speedometer
- Drum vibration frequency display
- Single waterspray system per drum
- Engine monitor at dash display
- ROPS / FOPS with seat belts
- Cooler storage / cup holders

Optional Equipment
- Working lights
- Directional / hazard signals
- Flashing beacon
- Night paving light system
- Special paint

Technical data

Weights
- Operating Weight with ROPS/FOPS 28751 lbs (13041 kg)
- Average axle load CECE 14376 lbs (6521 kg)
- Average static linear load CECE 171 pli (30.5 kg/cm)

Driving Characteristics (depending on site conditions)
- Speed 0-5/0-10 mph (0-8.0/0-16.1 kmph)
- Max. gradeability without/with vibration 30/30%

Drive
- Engine manufacturer Cummins
- Type QSB4.5
- Tier compliance Tier 3
- Cooling water
- Number of cylinders 4
- Fuel diesel
- Performance SAE J1349 (max) 130 (97) hp (kW)
- Speed (max) 2200 rpm
- Electric Equipment V 12
- Drive System hydrostatic
- Drum Driven f + r

Brakes
- Service brake hydrostatic
- Parking brake SAHR

Steering
- Steering system oscil./artic.
- Oscillating angle +/- 28°
- Track Radius, inner/outer 165/249 in (4191/6325 mm)

Vibratory system
- Vibration drum f + r, f/r
- Drive system hydrostatic
- Frequency 3300/4000 (55.0/66.7 Hz)
- Amplitude 0.024/0.015 in (0.62/0.39 mm)
- Centrifugal force (each drum) 38660/35497 lbs (171.97/157.9 kN)

Water Spray System
- Type of water spray system pressurized

Capacities
- Fuel 75 gal (283.9 l)
- Water 340 gal (1287 l)

Technical modifications reserved. Machines may be shown with options.