

Technical Specifications

BW145-40 Series

Shipping dimensions

in cubic feet (m ³)	without/with ROPS/FOPS	
BW145D-40	435 (12,319)	629.7 (17,830)

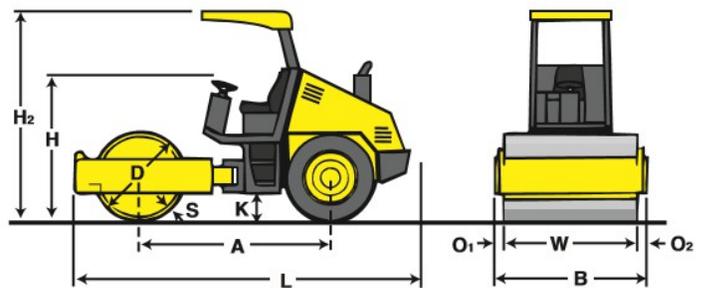
Standard Equipment

- Hydrostatic travel and vibration drives
- Dual vibrating amplitudes
- Dual centrifugal forces
- Hydraulic articulated steering
- Rear axle with Spring-Applied, Hydraulically-Released (SAHR) brakes
- No-Spin differential
- Bolt-on oscillating, articulation joint
- Articulated joint lock
- Vibration-isolated operator's platform
- Adjustable operator's seat
- Warning horn
- Audible/visual warning indicators:
 - Engine oil pressure
 - Engine temperature
 - Electrical charge
 - Hydraulic oil filter
 - Parking brake
- Hour meter
- Fuel level indicator
- Drum Scrapers
- ROPS/FOPS with seat belt
- Sun Canopy
- Back-up alarm
- Towing hooks front and rear
- Lockable control panel
- Emergency STOP
- Glow plug / Cold Start

Optional Equipment

- Working lights (front & rear)
- Leveling blade - 67.9" x 22.5" **
- Smooth drum conversion kit
- Padfoot drum conversion kit
- EROPS Cab with heating
- Air conditioning
- Special paint

** Optional leveling blade is for surface profiling/contouring and backdragging of loose fill material only. This design is not intended to function as a device for excavation purposes.



Dimensions in inches (mm)

	A	B	D	H	H ₂	K	L	O ₁	O ₂	S	W
BW145D-40	87.5 (2222)	60.8 (1546)	41.7 (1058)	74.8 (1900)	108.3 (2750)	12.3 (313)	165.1 (4194)	2.4 (60)	2.4 (60)	0.8 (20)	56.1 (1426)

Technical data

Weights

Operating weight with ROPS/FOPS .. lbs (kg)	10736 (4870)
Axle load, drum lbs (kg)	5512 (2500)
Axle load, wheels..... lbs (kg)	5225 (2370)
Static linear load (drum) pli (kg/cm)	98 (17.5)

Driving Characteristics (depending on site conditions)

Speed (1)..... mph (kmph)	0-3.9 (0-6.2)
Speed (2)..... mph (kmph)	0-6.2 (0-10)
Max. gradeability without/with vib. %	47/47

Drive

Engine manufacturer.....	Deutz
Type.....	TD2011L04i
Emission standard.....	Tier 4i
Cooling.....	air-oil
Number of cylinders.....	4
Performance SAE J1995 / ISO 3046..... hp (kW)	73.3 (54.7)
Speed rpm	2600
Fuel.....	diesel
Electric equipment..... V	12
Drive system	hydrostatic
Drum driven	standard

Drums and Tires

Number of pad feet.....	
Area of one pad foot in ²	
Height of pad feet..... in (mm)	
Tire size	335/80R20 MPT TL

Brakes

Service brake	hydrostatic
Parking brake.....	SAHR

Steering

Steering system.....	oscil., artic.
Steering method.....	hydrostatic
Steering angle +/-..... degrees	35
Oscillating angle +/-..... degrees	12
Track Radius, inner..... in (mm)	109.5 (2780)

Vibratory system

Drive system	hydrostatic
Frequency vpm (Hz)	2040/2040 (34/34)
Amplitude..... in (mm)	0.067/0.033 (1.7/0.85)
Centrifugal force..... lbs (kN)	22500/11250 (100/50)

Capacities

Fuel..... gal (l)	29.1 (110)
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Technical modifications reserved. Machines may be shown with options.

