

RL002



Single Drum Vibratory Roller BW 71 E



- Hydrostatic transmission
- Operator friendly
- Robust design
- Low maintenance
- Easy transportation

BOMAG

Modern technology in a light-weight package

The BW 71 E is a compact, manoeuvrable and operator friendly single drum roller. Its unique hydrostatic travel system with synchronized control produces unrivalled smoothness in operation when changing travel direction.

A working width of 710 mm and an operating weight of 466 kg make it one of the most powerful rollers of its class.

The BW 71 E is ideally suited to the compaction of narrow, difficult to reach areas where conventional double drum rollers are unsuitable due to their size.

The BW 71 E has been designed primarily for ease of use and maximum compaction performance in keeping with the successful principals of roller manufacture and design pioneered worldwide by Bomag.

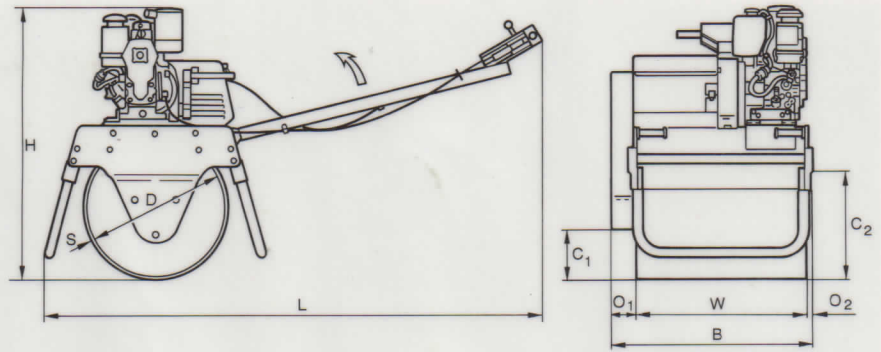
Another BOMAG solution to your compaction needs.

Standard equipment

- Vibration drive via centrifugal clutch
- Hydrostatic transmission
- Water sprinkler system
- Removable water tank
- Adjustable steering arm
- Scrapers front and rear

Optional equipment

- Reversing safety device
- Supporting wheel
- Trailer
- Special paint



Dimensions in mm (inches)	B	C ₁	C ₂	D	H	L	O ₁	O ₂	S	W
BW 71 E	825	190	450	600	1100	2200	115	25	8	710
	(32)	(7)	(18)	(24)	(43)	(87)	(5)	(1)	(0)	(28)

Technical data

Weights

Operating weight CECE	kg (lb)	466 (1027)
Basic weight	kg (lb)	450 (992)
Static linear load CECE	kg/cm (lb/in)	6,6 (37)

Dimensions

Working width	mm (in)	710 (28)
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Dimensions

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Driving Characteristics

Speed (1), forward	km/h (mph)	0-1,6 (0-1)
Speed (1), reverse	km/h (mph)	0-1,6 (0-1)
Speed (2), forward	km/h (mph)	0-3 (0-1,9)
Speed (2), reverse	km/h (mph)	0-3 (0-1,9)
Max. gradeability without/with vibr.	%	25 / 20

Drive

Engine manufacturer		Hatz
Type		E 673
Cooling		air
Number of cylinders		1
Performance DIN 6271 IFN	kW (hp)	3,3 (4,5)
Speed	min ⁻¹ (rpm)	3300 (3300)
Performance SAE J 1349	kW (hp)	3,6 (4,8)
Speed	min ⁻¹ (rpm)	3300 (3300)
Fuel		diesel
Starting device		crank handle
Drive system		hydrost.

Vibratory System

Drive system		mech.
Frequency	Hz (vpm)	70 (4200)
Amplitude	mm (in)	0,43 (0,017)
Centrifugal force	kN (lb)	13,5 (3037,5)

Sprinkler System

Type of sprinkling		gravity
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Capacities

Fuel	l (gal)	4 (1,1)
Water	l (gal)	25 (6,6)

Technical modifications reserved. Machines may be shown with options.

GERMANY: Boppard/Rhein, Tel. 67 42-1 00-0, Fax 67 42-30 90 · **FRANCE:** Bretigny-sur-Orge, Tel. 33-16-0 84 95 30, Fax 33-16-0 84 18 66 · **GREAT BRITAIN:** Larkfield, Kent, Tel. 44-6 22-71 66 11, Fax 44-6 22-71 83-85 · **AUSTRIA:** Wien, Tel. 43-2 22-6-93 61 70, Fax 43-2 22-69 40 51 · **U.S.A.:** Kewanee Illinois, Tel. toll-free (800) 782-6624, Fax 309-8 53-1319 · **CANADA:** Mississauga, Ontario, Tel. 4 16-6 25-66 11, Fax 4 16-6 25-44 03 · **MIDDLE EAST:** Amman, Jordan, Tel. 82 70 96, Telex 2 1 065 · **ASIA PACIFIC:** Singapore, Tel. 65-7 34 62 33/4, Telex 3 3 482

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