

**DOUBLE DRUM**

**WALK BEHIND ROLLERS**



The Belle BWR double drum walk behind rollers are reliable fully hydrostatic with excellent compaction results on both soil and asphalt. Advanced engineering and latest design produces these rugged dependable vibratory rollers, all-hydrostatic drive with no drive chain.

The high speed provides greater surface coverage. A progressive control for both speed and forward/reverse motion gives smooth starting and stopping. The hydrostatic motors and vibration drive gives maximum compaction effect. The BWR series of rollers are streamline, with narrow overall width, minimal overhang and completely smooth sides that allows access to tighter areas. Both drums are machined which help avoid marking on hot asphalt mixes. Low centre of gravity guarantees stable and reliable operations.

## Features:

- Electric start device (BWR650)
- Strong steel handle
- Dead man handle safety control
- All major components in steel and aluminium permitting the best ratio weight/performance
- Excellent new generation of Kubota diesel engines
- One point lifting
- Non corrosion sprinkler system, controls located near the operator
- Strong protective frame
- No chain drive, no exposed hydraulic hoses
- Narrow profile and less than 2cm wall clearance
- Easy access to hydraulic components and hydraulic filter

### Technical Data

Model		BWR650	BWR750
Weight	kg (lbs)	675 (1,485)	730 (1,606)
Overall Length	mm (in)	2,385 (93.9)	2,385 (93.9)
Overall Width	mm (in)	700 (27.5)	700 (27.5)
Overall Height	mm (in)	1,150 (45.3)	1,150 (45.3)
Drum Width	mm (in)	650 (25.6)	650 (25.6)
Drum Diameter	mm (in)	402 (15.8)	402 (15.8)
Wheel Base	mm (in)	560 (22)	560 (22)
Curb Clearance	mm (in)	260 (10.2)	260 (10.2)
Lateral Overhang	mm (in)	25 (0.99)	25 (0.99)
Height In Storage	mm (in)	1,800 (70.9)	1,800 (70.9)
Travel Speed (Forward)	km/hr (ft/min.)	3.6 (197)	3.6 (197)
Travel Speed (Reverse)	km/hr (ft/min.)	2.5 (137)	3.6 (197)
Vibration Frequency	Hz. (v.p.m.)	55 (3,300)	55 (3,300)
Centrifugal Force	kN (lbs)	10.8 (2,376)	10.8 (2,376)
Water Tank Capacity	Ltr (gal)	35 (9.3)	35 (9.3)
Oil Tank Capacity	Ltr (gal)	18 (4.8)	18 (4.8)
Engine		Kubota E75NB3	Kubota E75N
Type		4 Cycle Water Cooled Diesel	4 Cycle Water Cooled Diesel
Rated Output / Max Output	kW/rpm/kW (hp)	4.0/2500/4.8 ( )	4.0/2500/4.8 ( )
Starting System		Electric	Crank Start



One point lifting



Dead man handle safety control



Kubota diesel engines



### Compaction Data

Maximum recommended layer thickness	Depth	Rockfill	Sand/Gravel	Sub base/base
	0,20 (8)	•		•
	0,40 (16)	•		
	0,60 (24)			



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