

BD 80/120 R Classic

The Kärcher BD 80/120 R Classic Bp features a substantial 120-litre fresh and dirty water tank and a generous 800 mm brush working width, positioning it perfectly as the mid-sized ride-on in the Classic R Bp portfolio, filling the gap between the BD 50/70 R and the flagship BD 90/160 R models.



Order no. 1.161-320.0

- Adjustable tilt steering, low step-in height, and standard day-driving lights for comfort and safety.
- 120 L fresh and dirty water tanks, 6 km/h drive speed, and up to 3 hours runtime with optional battery exchange system.
- Robust steel frame and bumper, vertical motors for compact cooling, and KIK intelligent key system for user control.

Technical data

Working width:	mm	800
Suction width:	mm	1060
Brush speed:	rpm	156
Brush down pressure:	kg/lbs	93 / 205
Fresh & recovery tank:	l	120 / 120
Battery:	V/Ah	24 / 240
Running time (battery):		up to 4h in Eco mode
Weight (working weight):	kg/lbs	660 / 1455.5
Theor. area performance:	m ² /h	4800
Max. speed (drive / work):	km/h	6
Max. slope (working/transport):	%	10 / 18
Dimensions (LxWxH):	mm	1860x874x1260



1 Steering tilt adjustment

- Robust material
- Easy handling

2 Vertical motor for high efficiency

- Lower Installation Costs
- Reduced maintenance
- Improved performance

3 Low step on height

- Lower center of gravity
- Optimized task flow

4 KIK

- Different user rights and languages
- Adjustment of different cleaning parameters
- Possibility to fix a cleaning set-up

5 Battery exchange trolley

- Secure Locking System
- Ergonomic Handling
- Withstand high load
- Correct Alignment

6 Ram protection

- Impact Absorption
- Structural Integrity

KEY FEATURES AND BENEFITS





- The BD 80/120 R Classic Bp offers up to 3 hours of runtime with its 240 Ah battery and a 1,060 mm straight squeegee for optimal suction and quick drying.
- Designed with ergonomic features tailored for Asian operators, intuitive controls, and attractive pricing, it delivers high performance and simplicity, making it ideal for budget-conscious customers.