

KÄRCHER

B 300 R I D

The diesel-powered B 300 RI diesel ride-on combination machine is a high-performance combination of a scrubber-drier and sweeper with a working width of up to 1755 mm.



Made in Europe



Order no.

1.480-235.2

- Extremely robust and long-lasting for hard work
- Compact and extremely manoeuvrable
- Extra-large filter area

Technical data

Drive type		Diesel
Traction drive		Traction motor
Working width of brushes	mm	1045 - 1755
Working width with two side brushes	mm	1755
Working width, vacuuming	mm	1440
Tank of fresh/dirty water	l	300 / 300
Waste container	l	180
Theoretical area performance	m²/h	16550
Practical area performance	m²/h	12400
Battery type		Starter battery
Battery	V / Ah	12 / 80
Climbing ability	%	12
Brush rotational speed	rpm	460 - 460
Brush contact pressure	kg	25 - 150
Water consumption	l/min	max. 12
Sound pressure level	dB(A)	92
Total permissible weight	kg	2635
Dimensions (L × W × H)	mm	2490 × 1570 × 1860

Equipment

Roller brush	■
Powerful traction drive	■
Parking brake	■
Integrated sweeper	■
Sweeping function	■
Squeegee, curved	■
2-tank system	■

■ Included in the scope of supply.

Users must receive training on this device.



Scrub vacuuming and sweeping in a single work process

- Double productivity of man and machine.
- Halving of the hours worked.
- Pre-sweeping not necessary.



Simple high container emptying of the rubbish bin

- Convenient for the operator.
- No direct contact with dirt.
- Emptying of the rubbish bin takes place while you are seated.



Rotatable side brush/side scrubbing deck brushes on both sides of the machine

- Expansion of the working width up to 1,755 mm.
- Allows area performance of over 16,000 m²/h.
- Protects machine and objects.

ACCESSORIES FOR B 300 R I D

1.480-235.2



		Order no.	Description	
ROLLER BRUSHES				
Roller brush, medium, Black, 1045 mm	1	6.680-368.0	Medium-hard roller brush. The perfect equipment for all common cleaning tasks.	■
Main brush, soft, White, 1045 mm	2	6.681-264.0	The soft roller brush from Kärcher is ideal for cleaning delicate floor coverings gently yet thoroughly.	□
Roller brush, very hard, Black, 1045 mm	3	6.680-369.0	Black, very abrasive roller brush for the deep cleaning of hard-wearing floor coverings with very sticky dirt.	□
Main brush V-profile, medium	4	6.681-403.0		□
DISC BRUSHES				
Disc brush, medium, White, 300 mm	5	6.680-338.0	Standard disc brush for the side scrubbing deck of the B 300 RI scrubber dryer. Suitable for all floors. Please order holding clip separately.	□
Disc brush, very hard, Black, 300 mm	6	6.680-339.0	Black, highly abrasive disc brush for deep cleaning of hard-wearing floor coverings with ultra-stubborn dirt. Please order holding clip separately.	□
SQUEEGEES AND SQUEEGEE BLADES				
Squeegee blades				
Squeegee blades, Natural rubber	7	6.680-372.0	Four-part suction lip set consisting of front and rear suction lip. Standard for our B 300 R I combined scrubber drier/vacuum sweeper.	■
Squeegee blades, oil-resistant, grooved	8	6.680-373.0	Wear- and oil-resistant, four-part suction lip set made from polyurethane for our B 300 R I combined scrubber drier/vacuum sweeper. The set consists of a front and rear suction lip.	□
OTHER ACCESSORIES SCRUBBER DRIERS				
Wheels / tyres				
Front wheel standard B 300 RI	9	6.681-414.0	High-quality, non-marking and oil-resistant rubber front wheel for our ride-on scrubber dryer B 300 RI. Effectively prevents tyre tracks on light surfaces.	■
Rear wheel, non-marking	10	6.680-376.0	High-quality, non-marking and oil-proof rubber rear wheel for our ride-on scrubber drier B 300 RI. Effectively prevents tyre tracks on light surfaces.	■
Miscellaneous				
Splash guard main brush standard	11	6.680-220.0	Reliable cleaning and top results guaranteed – with the splash guard for the main brush.	□
Rear main brush dust blade	12	6.680-362.0	The dust blade is located behind the roller brush and ensures that the scrubber and brush head is tight.	□
Squeegee blade, side scrubbing deck	13	6.680-371.0	The splash guard impresses with perfect removal results and safe holding of the cleaning fleet in the work area of the side scrubbing deck.	□
Filling hose	14	6.680-124.0	1,500-mm filling hose for easy device filling from a water tap. With universal tapered fitting for all standard taps.	□

■ Included in the scope of supply. □ Available accessories.

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OTHER ACCESSORIES SCRUBBER DRIERS				
Dosing aids				
DS 3 Cleaning Agent Dosing Station	15	2.641-811.0	After connecting to a tap, cleaning agent can be filled into the fresh water tank and diluted as required. Can also be used with the filling system attachment kit. Includes backflow preventer (DIN EN 1717).	<input type="checkbox"/>
KITS				
Side broom / side scrub deck mounting kit				
Attachment kit side brush right	16	2.643-691.0	For sweeping close to the edge on the right side: the side brush attachment kit with lifting arm extends the working width by 35 cm.	<input type="checkbox"/>
Side brush attachment kit, left	17	2.643-692.0	For sweeping close to the edge on the left side: the side brush attachment kit with lifting arm extends the working width by 35 cm.	<input type="checkbox"/>
Attachment kit scrubbing deck right	18	2.643-693.0	For wet cleaning close to the edge on the right side: side scrubbing deck with lifting arm. Extends the working width by 30 cm.	<input type="checkbox"/>
Attachment kit scrubbing deck left	19	2.643-694.0	For wet cleaning close to the edge on the left side: side scrubbing deck with lifting arm. Extends the working width by 30 cm.	<input type="checkbox"/>
Other attachment kits				
Additional weight attachment kit B 300 R I	20	2.644-409.0	The additional weight improves the grip of the drive wheel on the B 300 R I when used on slippery floors and weighs 260 kg.	<input type="checkbox"/>
Protective roof, high, 2140 mm	21	2.643-944.0	High-quality, fully enclosed protective roof at the top for extending our ride-on scrubber drier B 300 RI. Reliable protection against possible risks. Total height with roof: 2.14 m.	<input type="checkbox"/>
Protective roof, low, 2040 mm	22	2.643-696.0	High-quality protective roof without glass for optimal protection against falling objects.	<input type="checkbox"/>
Attachment kit StVZO (approved by road licensing authority)	23	2.852-213.0	Necessary for operation on public roads: attachment kit complies with the German Road Traffic Licensing Regulations (StVZO). Includes indicators, registration plate holder and brake lights.	<input type="checkbox"/>
Spotlight blue attachment kit at the front of a B 300	24	2.644-192.0	Spotlight blue attachment kit for the B 300 ride-on scrubber drier from Kärcher. Projects a Spotlight blue a few metres ahead of the machine for enhanced safety, e.g. in high-bay warehouses.	<input type="checkbox"/>
All-round impact protection attachment kit B 300 RI	25	2.852-976.0	Bumper protection comprising ten revolving rubber buffers on our B 300 RI ride-on scrubber drier. Effectively protects the machine and the surroundings from accidental damage during cleaning.	<input type="checkbox"/>
High-pressure cleaner attachment kit for the B 300 RI	26	2.852-978.0	Attachment kit for mounting the HD 4/11 C Bp Pack battery powered high-pressure cleaner onto our B 300 RI ride-on scrubber drier. Ideal for cleaning hard-to-reach areas.	<input type="checkbox"/>
Add-on kit ram protection suction bar B	27	2.852-979.0	Impact protection for our B 300 RI ride-on scrubber drier. Prevents damage to the squeegee when reversing and prevents collisions with obstacles above 5 cm in height, such as pallettes.	<input type="checkbox"/>
Add-on kit back up camera B 300 RI	28	2.852-980.0	Reverse camera with 7" display for our B 300 RI ride-on scrubber drier. Improves visibility in reverse, helping prevent damage to the machine and its surroundings.	<input type="checkbox"/>

■ Included in the scope of supply. □ Available accessories.

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KITS				
Other attachment kits				
Front and back Spotlight blue attachment kit for B 300 RI	29	2.852-981.0	For the B 300 RI ride-on scrubber drier from Kärcher: Spotlight blue attachment kit. Projects a Spotlight blue a few metres ahead of the machine for enhanced safety, e.g. in high-bay warehouses.	<input type="checkbox"/>
SIDE BRUSHES				
Side brush, hard				
Side brush, hard	30	6.680-336.0	With mixed bristles made of PPL and steel for extreme soiling.	<input type="checkbox"/>
Standard side brushes				
Side brush, standard	31	6.680-335.0	With durable, water-resistant universal bristles. Suitable for all surfaces.	<input type="checkbox"/>
SPRAY UNITS				
Pump spray bottle	32	6.394-409.0	1-litre pump spray bottle – including pump and pressure tank – easy, uniform spraying for cleaning or crystallising.	<input type="checkbox"/>

☐ Available accessories.

B 300 R I D, 1.480-235.2, 2024-12-03