KÄRCHEI

B 90 R CLASSIC

Compact, high productivity ride-on scrubber dryer with advanced features









Order no.

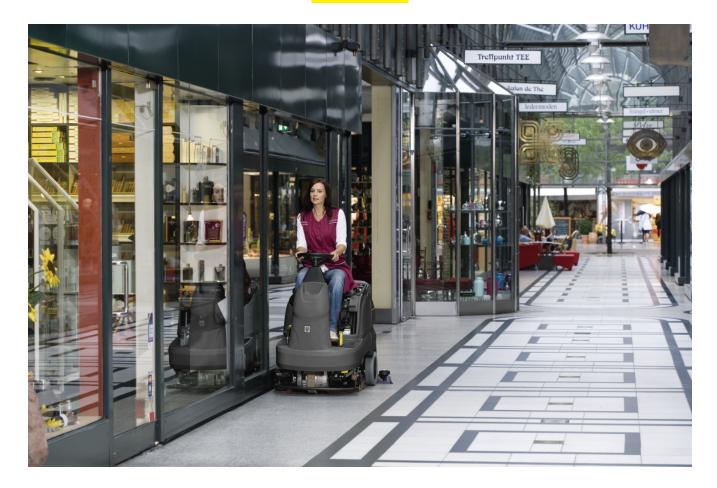
- Very easy to useWith operating hour counter
- For maintenance cleaning

Technical data		
EAN code		4039784497856
Drive type		Battery
Working width of brushes	mm	550 - 750
Working width, vacuuming	mm	850 - 940
Fresh/dirty water tank	I	90 / 90
Waste Container	1	5, 7
Battery type		maintenance-free
Battery	V / Ah	24 / 170
Battery runtime	h	max. 3.5
Power supply for battery charger	V / Hz	230 / 50 - 60
Brush contact pressure	g/cm² / kg	20 - 315 / 28 - 37
Water consumption	l/min	3.5
Sound pressure level	dB(A)	69
Total permissible weight	kg	460
Dimensions (L × W × H)	mm	1450 × 800 × 1200

This device does not require instruction.

Equipment	
Powerful traction drive	•
Battery and built-in charger included	•
Automatic water stop	
2-tank system	•
Included in delivery	

B 90 R Classic, 1.161-307.0, 2023-09-02





Extremely easy to manoeuvre

- The extra short and sleek design makes this machine extremely agile and easy to manoeuvre despite the large water capacity.
- 90° steering allows on-the-spot turning.
- A low centre of gravity guarantees good wheel grip.



Simple operation

- The basic functions are controlled with the EASY
- Operating hours are displayed.
- Roller brushes save water and detergent.



Long operating time

 Large compartment for large battery capacity.
Pack models include maintenance-free gel batteries.



















		Order no.	Pagerintian	
TRACTION BATTERIES AND CHARGERS		Order 110.	Description	_
Batteries				
Battery kit AGM 4x 6V/170Ah, 24 V, 170 Ah, maintenance-free	1	2.815-092.0		ŀ
Accessories for batteries				Ť
Mounting kit battery kit	2	2.638-064.0		T
DISC PADS / PAD DRIVE BOARDS				Ť
Pad drive board				
Pad disk complete STRONG BD75, 375 mm	3	4.762-591.0		
Disk pad BD65, 335 mm	4	4.762-590.0		
Pad drive board, 375 mm	5	4.762-447.0	Pad driver plate for cleaning with pads, 335 mm diameter. With quick-change coupling, hook plate and centre lock. Suitable for, e.g. D 75.	
Pad drive board, 335 mm	6	4.762-446.0	Pad driver plate for cleaning with pads, 335 mm diameter. With quick-change coupling, hook plate and centre lock. Suitable for, e.g. D 65.	
Pad drive board, 280 mm	7	4.762-445.0	Pad driver plate for cleaning with pads, 280 mm diameter. With quick-change coupling, hook plate and centre lock. Suitable for, e.g. D 55.	
Microfibre pad		<u> </u>		
Microfibre pad, white, 381 mm, 5 x	8	6.371-078.0	5 microfibre pads, white With centre hole, 381 mm diameter. Excellent cleaning power. Also effectively cleans fine stoneware tiles. Suitable for, e.g. D 75, BD 75/140 R and BD 40/25 C.	
Microfibre pad, white, 356 mm, 5 x	9	6.369-959.0	5 microfibre pads, white With centre hole, 356 mm diameter. Excellent cleaning power. Also effectively cleans fine stoneware tiles. Suitable for, e.g. D 65.	
Microfibre pad, white, 280 mm, 5 x	10	6.369-120.0	Microfibre pad set: Five white microfibre pads of diameter 280 mm with centre hole and outstanding cleaning power. Cleans even fine stone tiles right down to the grain. Suitable for D 55 e.g	
Pads				
Pad, medium-soft, red, 650 mm, 5 x	11	6.371-000.0	Medium-hard pad (650 \times 300 mm) in red version for cleaning all floors in combination with the S 65 head.	
Pad, hard, brown, 650 mm, 5 x	12	4.642-025.0	Tough, brown pad (650×300 mm) including Velcro fastener. For restoring shine in combination with the S 65 head. Only for insensitive surfaces.	
Pad, medium-soft, red, 381 mm, 5 x	13	6.369-791.0	5 pads, medium-soft, red, 381 mm diameter. For cleaning all floors. Suitable for, e.g. D 75.	
Pad, medium-hard, green, 381 mm, 5 x	14	6.369-790.0	5 pads, medium-hard, green, 457 mm diameter. For removing stubborn dirt and basic cleaning. Suitable for, e.g. D 75.	

 $[\]blacksquare$ Included in delivery. \qed Available accessories.















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		Order no.	Description	
DISC PADS / PAD DRIVE BOARDS				
Pads				
Pad, hard, black, 381 mm, 5 x	15	6.369-789.0	5 pads, hard, black, 381 mm diameter. For removing stubborn dirt and basic cleaning. Suitable for, e.g. D 75.	
Pad, medium-soft, red, 356 mm, 5 x	16	6.369-003.0	5 pads, medium-soft, red, 356 mm diameter. For cleaning all floors. Suitable for, e.g. D 65.	
Pad, medium-hard, green, 356 mm, 5 x	17	6.369-002.0	5 pads, medium-hard, green. 356 mm diameter. For removing stubborn dirt and basic cleaning. Suitable for, e.g. D 65.	
Pad, hard, black, 356 mm, 5 x	18	6.369-001.0	5 pads, hard, black, 356 mm diameter. For removing stubborn dirt and basic cleaning. Suitable for, e.g. D 65.	
Pad, medium-soft, red, 280 mm, 5 x	19	6.371-153.0	5 pads, medium-soft, red, 280 mm diameter. For cleaning all floors. Suitable for, e.g. D 55.	
Pad, medium-hard, green, 280 mm, 5 x	20	6.371-154.0	5 pads, medium-hard, green. 280 mm diameter. For removing stubborn dirt and basic cleaning. Suitable for, e.g. D 55.	
Pad, hard, black, 280 mm, 5 x	21	6.371-155.0	5 pads, hard, black, 280 mm diameter. For removing stubborn dirt and basic cleaning. Suitable for, e.g. D 55.	
Diamond pads		·		Ť
Diamond pad, coarse, white, 385 mm, 5 x	22	6.371-252.0	For coarse cleaning/restoring. Removes small scratches, for a clean, silky matt surface. For surface preparation prior to using the yellow pad. Also suitable as a crystallisation pad for basic crystallisation.	
Diamond pad, medium, yellow, 385 mm, 5 x	23	6.371-253.0	For coarse cleaning/restoring. Removes fine scratches for a more homogeneous and shinier surface For surface preparation prior to using the green diamond pad. Also suitable as a crystallisation pad for high-gloss crystallisation.	
Diamond pad, fine, green, 385 mm, 5 x	24	6.371-236.0	For effortless polishing of laminated floors, terrazzo and natural stone surfaces. For maintenance cleaning after using white and yellow pads. As a crystallisation pad for high-gloss crystallisation.	
Diamond pad, coarse, white, 356 mm, 5 x	25	6.371-250.0	For coarse cleaning/restoring. Removes small scratches, for a clean, silky matt surface. For surface preparation prior to using the yellow pad. Also suitable as a crystallisation pad for basic crystallisation.	
Diamond pad, medium, yellow, 356 mm, 5 x	26	6.371-251.0	For coarse cleaning/restoring. Removes fine scratches for a more homogeneous and shinier surface For surface preparation prior to using the green diamond pad. Also suitable as a crystallisation pad for high-gloss crystallisation.	
Diamond pad, fine, green, 356 mm, 5 x	27	6.371-235.0	For effortless polishing of laminated floors, terrazzo and natural stone surfaces. For maintenance cleaning after using white and yellow pads. As a crystallisation pad for high-gloss crystallisation.	
Diamond pad, coarse, white, 280 mm, 5 x	28	6.371-246.0	For coarse cleaning/restoring. Removes small scratches, for a clean, silky matt surface. For surface preparation prior to using the yellow pad. Also suitable as a crystallisation pad for basic crystallisation.	

lacksquare Included in delivery. \Box Available accessories.









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		Order no.	Description	
DISC PADS / PAD DRIVE BOARDS		<u> </u>		Ė
Diamond pads				
Diamond pad, medium, yellow, 280 mm, 5 \times	29	6.371-247.0	For coarse cleaning/restoring. Removes fine scratches for a more homogeneous and shinier surface For surface preparation prior to using the green diamond pad.	ş. [
Diamond pad, fine, green, 280 mm, 5 x	30	6.371-233.0	For effortless polishing of laminated floors, terrazzo and natural stone surfaces. For maintenance cleaning after using white and yellow pads. As a crystallisation pad for high-gloss crystallisation.	
Melamine pads	·			
Melamine pad, 381 mm, 2 x	31	6.371-022.0	Melamine pad set with 381 mm diameter for our BD 80 W scrubber drier and other machines with the D 75 disc brush head. For the effective cleaning of microporous surfaces.	
Melamine pad, 356 mm, 2 x	32	6.371-021.0	Melamine pad set with 356 mm diameter for our B 60 W, B 80 W, B 95 RS and B 90 R scrubber driers with the D 65 disc brush head. For the effective cleaning of microporous surfaces.	
SUCTION BARS AND SQUEEGEES				
Suction bar, complete				
Squeegee, 1000 mm, V-shaped	33	4.777-080.0	Suitable for all conventional floors and with very good gliding properties on crevices: V-shaped squeegee with length of 1,000 mm and suction lips made from wear-resistant polyurethane with a long lifetime.	
Squeegee, 900 mm, V-shaped	34	4.777-079.0	900 mm long, V-shaped squeegee with suction lips made from wear- and oil-resistant polyurethane with a long lifetime and for all floors. With spirit level for precise adjustment.	e 🗆
Squeegee, 940 mm, straight	35	4.777-402.0	Straight squeegee with adjustable support rollers, 940 mm. Oil-resistant, grooved squeegee blades of hard wearing polyurethane for all standard floors. Includes additional weights for uniform contact pressure.	
Squeegee, 850 mm, straight	36	4.777-401.0	Straight suction bar, with support rollers. Squeegee blades are made from oil-resistant, transparent polyurethane and are easy to replace.	: 🗆
Squeegees for suction bars				
Rubber lip set corrugated oil resistant, oil-resistant, grooved, 1116 mm	37	6.273-024.0	Designed for our 1,000 mm-long, V-shaped squeegees, this fluted suction lip set impresses on all floors. High-quality, oil-resistant design made from durable polyurethane.	
Rubber lip set corrugated oil resistant, oil-resistant, grooved, 1010 mm	38	6.273-023.0	Suction lip set, fluted and developed for V-shaped squeegees with length of 900 mm. The suction lips are made of wear- and oil-resistant polyurethane and are suitable for all floors.	
Suction lips, oil-resistant, grooved, 960 mm	39	6.273-208.0	Includes front and rear squeegee blades, 960 mm. Grooved squeegee blades of hard-wearing, oil-resistant, transparent polyurethane. For all standard floors.	
Suction lips, oil-resistant, slotted, 960 mm	40	6.273-205.0	Includes front and rear squeegee blades, 960 mm. Slotted squeegee blades of hard-wearing, oil-resistant, transparent polyurethane. For sensitive floors.	
Suction lips, oil-resistant, closed, 960 mm	41	6.273-291.0	Closed, oil-resistant, for structured floors.	Г
Suction lips, Natural rubber, 960 mm	42	6.273-214.0	Squeegee blade kit includes front and rear squeegee blades, 960 mm. Soft natural rubber grooved squeegee blades. For all standard floors.	

lacksquare Included in delivery. \Box Available accessories.





























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		Order no.	Description	
SUCTION BARS AND SOUEEGEES		Order 110.	Description	_
Squeegees for suction bars				
Rubber lip set oil resistant BR-BD530,55, oil-resistant, grooved, 890 mm	43	6.273-207.0	Squeegee blade kit includes front and rear squeegee blades, 870 mm. Grooved squeegee blades of hard-wearing, oil-resistant, transparent polyurethane. For all standard floors.	
Suction lips, oil-resistant, slotted, 890 mm	44	6.273-229.0	Squeegee blade kit includes front and rear squeegee blades, 870 mm. Slotted squeegee blades of hard-wearing, oil-resistant, transparent polyurethane. For sensitive floors.	
Suction lips, oil-resistant, closed, 890 mm	45	6.273-290.0	Suction lip set, consisting of front and rear suction lip. 890 mm long. In an enclosed design made from wear-resistant, oil-resistant and transparent polyurethane. For textured floors.	
Rubber lip set standard, Natural rubber, 890 mm	46	6.273-213.0	Squeegee blade kit includes front and rear squeegee blades, 870 mm. Soft natural rubber grooved squeegee blades. For all standard floors.	
OTHER ACCESSORIES FOR SCRUBBER DRYERS				
Wheels/tyres				
Tyres, supergrip	47	6.435-403.0	Oil-resistant, with especially good traction.	
Miscellaneous				
Filling hose	48	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.	
Dirty water tank filter	49	6.414-976.0	Improves airflow even when damp, thanks to modified filter material.	
Additional weight kit	50	5.031-498.0	ensures that squeegee glides optimally	
RM Dosierstation				
Cleaning agent dosage kit, wall mounted DS 3	51	2.641-811.0	Directly connectable with the tab, water and detergent will be filled in the fresh water tank in the preset mixture. Can also be used with filling system kit.	
ROLLER BRUSHES FOR BR				
Roller brush, soft, white, 638 mm	52	6.906-981.0	Soft, for cleaning sensitive surfaces and for polishing. Fits on R 65.	
Roller brush red for replacement BR65, medium, red, 638 mm	53	4.035-187.0		
Roller brush, high / low, orange, 638 mm	54	6.906-982.0	Medium hard, for cleaning strong structured floors and deeper joints. Fits R 65.	Г
Roller brush, hard, green, 638 mm	55	6.906-983.0	Roller brush, hard, green. Length: 638 mm.Wear-resistant star-wheel mechanism. For heavily soiled floors and basic cleaning. Bristles: Polyamide with silicon carbide, 0.6 mm thick, 20 mm long.	1 [
Roller brush, very hard, black, 638 mm	56	6.906-984.0	Very hard, for extremely sticky dirt and for deep cleaning; for unsensitive surfaces only. Fits R 65.	

 $[\]blacksquare$ Included in delivery. \qed Available accessories.



























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		Order no.	Description	
ROLLER BRUSHES FOR BR				
Roller brush, soft, white, 532 mm	57	6.906-977.0	Soft, for cleaning sensitive surfaces and for polishing. Fits on R 55.	
Roller brush red for replacement BR 55, medium, red, 532 mm	58	4.035-193.0		
Roller brush, high / low, orange, 532 mm	59	6.906-978.0	Medium hard, for cleaning strong structured floors and deeper joints. Fits R 55.	
Roller brush, hard, green, 532 mm	60	6.906-979.0	Hard, for heavy soilings und for deep cleaning; for unsensitive floors only. Fits R 55.	
Roller brush, very hard, black, 532 mm	61	6.906-980.0	Very hard, for extremely sticky dirt and for deep cleaning; for unsensitive surfaces only. Fits R 55.	
Roller brush red for replacement - R75, medium, red, 700 mm	62	4.035-578.0		
Roller brush white - R75, soft, white, 700 mm	63	6.907-729.0		
Roller brush orange - R75, high / low, orange, 700 mm	64	6.907-730.0		
Roller brush green - R75, hard, green, 700 mm	65	6.907-731.0		
Roller brush black - R75, very hard, black, 700 mm	66	6.907-732.0		
DISC BRUSHES FOR BD				
Disc brush, very soft, white, 385 mm	67	4.905-019.0	Very soft, for cleaning sensitive surfaces and for polishing. Fits D 75.	
Disc brush, soft, natural, 385 mm	68	4.905-020.0	Made of natural fibres, for spray cleaning and for polishing. Fits D 75.	
Disc brush, medium, red, 385 mm	69	4.905-018.0	Medium, for all floors. Standard with D 75.	
Disc brush, hard, black, 385 mm	70	4.905-021.0	Hard, for heavy soilings und for deep cleaning. For unsensitive floors only. Fits D 75.	
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[☐] Available accessories.

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DISC DOUGLES FOR DO		Order no.	Description		
DISC BRUSHES FOR BD		4005 0440	Territoria de la cesa	1-	
Disc brush, very soft, white, 355 mm	71	4.905-011.0	Disc brush, very soft, white, 355 mm diameter. For cleaning sensitive floors and polishing. Fits brush head D 65. Bristle length: 41 cm.		
Disc brush, soft, natural, 355 mm	72	4.905-012.0	Made of natural fibres, for spray cleaning and for polishing. Fits D 65.		
Disc brush, medium, red, 355 mm	73	4.905-010.0	Disc brush, medium-hard, red, 355 mm diameter. For normal use. Also suitable for sensitive floors. Standard brush head D 65.		
Disc brush, hard, black, 355 mm	74	4.905-013.0	Hard, for heavy soilings und for deep cleaning. For unsensitive floors only. Fits D 65.		
Disc brush, very soft, white, 300 mm	75	4.905-015.0	very soft, white, for cleaning sensitive surfaces and for polishing; fits D 55		
Disc brush, soft, natural, 300 mm	76	4.905-016.0	Made of natural fibres, for spray cleaning and for polishing. Fits D 55.		
Disc brush, medium, red, 300 mm	77	4.905-014.0	Disc brush, medium-hard, red, 300 mm diameter. For normal use. Also suitable for sensitive floors. Standard for brush head D 55.		
Disc brush, hard, black, 300 mm	78	4.905-017.0	Hard, for heavy soilings und for deep cleaning. For unsensitive floors only. Fits D 55.		
BRUSH HEADS					
Brush head R 90 S	79	2.763-006.0	Brush head with two roller brushes and 90 cm working width. Brush replacement without tools. The side skirts are height-adjustable and hold the water under the brush head. This allows the cleaning fleet to be fed into the vacuum bar at an optimum rate, even when negotiating curves. Brush head supplied separately.		
Brush-head R 65	80	2.763-004.0	Brush-head with 2 roller brushes and a working width of 65 cm. Brush-change without tools. The side splash guards are adjustable in the height. So the water will be kept under the brush-head. The cleaning solution will be run optimally to the squeegee, also in driving turns. Brush head is packed separately.		
Brush-head R 55	81	2.763-002.0	Brush-head with 2 roller brushes and a working width of 55 cm. Brush change without tools. The side splash guards are adjustable in the height. So the water will be kept under the brush-head. The cleaning solution will be run optimally to the squeegee, also in driving turns. Brush head is packed separately.		
Brush-head D 75	82	2.763-005.0	Brush-head with 2 disc brushes, brush-quick-change-system and a working width of 75 cm. The side splash guards are adjustable in the height. So the water will be kept under the brush-head. The cleaning solution will be run optimally to the squeegee, also in driving turns. Brush head packed separately.	e	
Brush-head D 65	83	2.763-003.0	Brush-head with 2 disc brushes, brush-quick-change-system and a working width of 65 cm. The side splash guards are adjustable in the height. So the water will be kept under the brush-head. The cleaning solution will be run optimally to the squeegee, also in driving turns. Brush head packed separately.	e	
Brush-head D 55	84	2.763-001.0	Brush-head with 2 disc brushes, brush-quick-change and a working width of 55 cm. The side splash guards are adjustable in the height. So the water will be kept under the brush-head. The cleaning solution will be run optimally to the squeegee: Packed separately.	1 [

[☐] Available accessories.























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		Order no.	Description	
BRUSH HEADS				
Floor head S 65	85	2.763-030.0	Floor head with cleaning pad for restoring shine on hard and resilient floors. Constant contact pressure on the entire pad surface. Also cleans edges and in corners.	
Connection kit S 65	86	4.036-061.0	Kit for connecting the S 65 floor head to the B 90 R.	
ROLLER PADS / ROLLER PAD SHAFT				
Roller pad shaft				
Pad roller shaft, 638 mm	87	4.762-433.0	Roller pad shaft, aluminium For roller pads or microfibre rollers, length 638 mm. Fits brush head R 56.	
Pad roller shaft, 532 mm	88	4.762-432.0	Roller pad shaft, aluminium For roller pads or microfibre rollers, length 532 mm. Fits brush head R 55.	
Roll pad - R75, 700 mm	89	4.762-627.0		
Roller pads	'			
Roller pad, soft, yellow	90	6.369-454.0	Roller pads (x20) soft, yellow. For polishing and cleaning non-structured floors. Suitable for use with appropriate pad roller shaft.	
Roller pad, medium, red	91	6.369-456.0	Roller pads (x20), medium, red. For cleaning non-structured floors. Suitable for use with appropriate pad roller shaft. About 7 to 7.5 pads are required per 10 cm shaft length.	
Roller pad, hard, green	92	6.369-455.0	Roller pads (x20), hard, green. For removing stubborn dirt and basic cleaning of non-structured floors. Suitable for use with appropriate pad roller shaft.	
Microfibre shaft				Ė
Microfibre roller, 700 mm	93	4.114-007.0	World innovation: application of microfibre rollers combines the excellent cleaning properties of microfibres with the benefits of the roller brush technology. Combined with roller pad shaft 4.762-434.0. Fits on R 75.	
Microfibre roller, 638 mm	94	4.114-006.0	World innovation: application of microfibre rollers combines the excellent cleaning properties of microfibres with the benefits of the roller brush technology. Combined with roller pad shaft 4.762-433.0. Fits on R 65.	
Microfibre roller, 532 mm	95	4.114-005.0	World innovation: application of microfibre rollers combines the excellent cleaning properties of microfibres with the benefits of the roller brush technology. Combined with roller pad shaft 4.762-432.0. Fits on R 55.	
KITS	1			
Lighting/RKL mounting kit				
Flashing beacon	96	2.641-718.0	Increases the safety of the working environment.	
Other attachment kits				
Auto-Fill	97	2.641-748.0	Automatic filling system. Water supply automatically stops when the tanks is full. With safety overflow.	
Support roller kit	98	2.641-773.0	Reduces the danger of damaging the floor through abrupt steering at high speeds, sharp breaking on corners or when turning on downhill slopes.	

[☐] Available accessories.









		Order no.	Description	
KITS				
Other attachment kits				
Suction hose accessories	99	4.444-015.0	For vacuuming water out of corners or containers (e.g. freezers).	
Set deflector roll stack formation SB	100	4.035-619.0		
SPRAYERS		<u>'</u>		
Pump spray bottle 1 l	101	6.394-409.0	1 litre pump spray bottle – including pump and pressure tank – for easy, uniform spraying for cleaning or crystallising.	

 $[\]hfill \square$ Available accessories.