

## BD 50/70 R CLASSIC \*KAP

For an area performance of up to 2,000 m<sup>2</sup> per hour: the battery powered BD 50/70 R Classic ride-on scrubber drier with disc brush. Batteries and charger must be ordered separately.



Order no. 1.161-076.0

- Compact, narrow design and very manoeuvrable
- Extremely easy and intuitive operation
- Disc brush engineering (one disc)

### Technical data

|                              |                   |                   |
|------------------------------|-------------------|-------------------|
| EAN code                     |                   | 4054278554082     |
| Drive type                   |                   | Battery           |
| Traction drive               |                   | traction motor    |
| Working width, brushes       | mm                | 510               |
| Working width, vacuuming     | mm                | 900               |
| Fresh/dirty water tank       | l                 | 70 / 70           |
| Theoretical area performance | m <sup>2</sup> /h | 2805              |
| Practical area performance   | m <sup>2</sup> /h | 1964              |
| Battery runtime              | h                 | max. 3            |
| Driving speed                | km/h              | min. 0 - max. 5.5 |
| Climbing ability             | %                 | 8                 |
| Brush speed                  | rpm               | 155               |
| Brush contact pressure       | kg                | 19.5              |
| aisle turning width          | mm                | 1650              |
| Water consumption            | l/min             | max. 2.3          |
| Sound pressure level         | dB(A)             | min. 66           |
| Permissible total weight     | kg                | 345               |
| Weight without accessories   | kg                | 112               |
| Dimensions (L × W × H)       | mm                | 1310 × 590 × 1060 |

### Equipment

|                         |          |   |
|-------------------------|----------|---|
| Disc brush              | Piece(s) | 1 |
| Powerful traction drive |          | ■ |
| Automatic water stop    |          | ■ |
| Solenoid valve          |          | ■ |
| Squeegee, v-shape       |          | ■ |
| Two-tank system         |          | ■ |

■ included in the scope of supply.

This machine requires instruction.



## Easy operation

- Self-explanatory symbols and clear control panel.
- Brief familiarisation phases.
- Simple, yellow colour-coded control elements make the machine easy to use.

## Disc brush engineering

- Robust construction style with integrated disc brush head.
- High area performance thanks to large working width.
- Brush replacement via pedal ejection.

## Compact, slim design

- Extremely manoeuvrable machine.
- Clear view of surfaces to be cleaned.
- Easy to transport.

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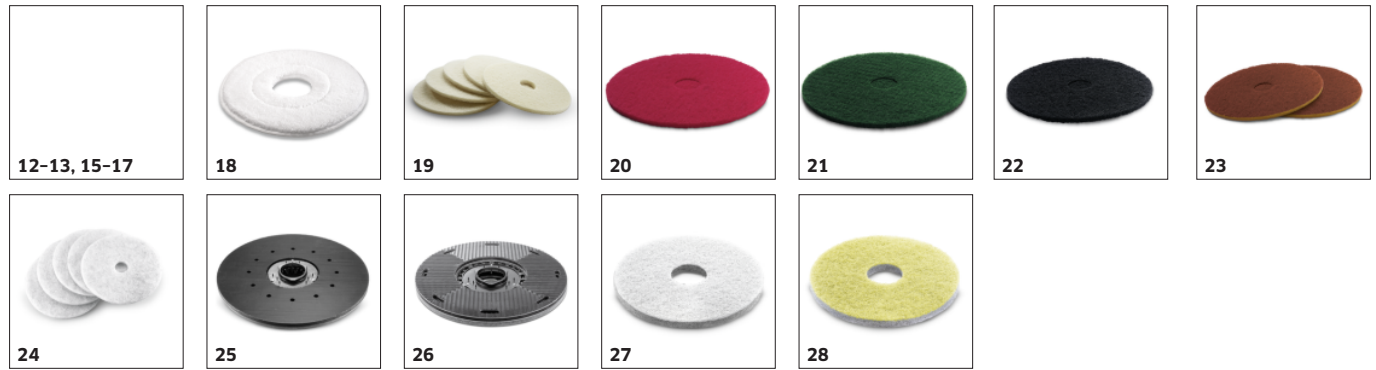
1.161-076.0



|                                                                 |    | Order no.   | Description                                                                                                                                                                              |   |
|-----------------------------------------------------------------|----|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <b>DISC BRUSHES</b>                                             |    |             |                                                                                                                                                                                          |   |
| Disc brush, medium, red, 510 mm                                 | 1  | 4.905-026.0 | Red standard disc brush for regular maintenance cleaning.                                                                                                                                | ■ |
| Disc brush complete white D51, very soft, White, 510 mm         | 2  | 4.905-028.0 | White, soft disc brush for the gentle cleaning of sensitive floor coverings.                                                                                                             | □ |
| Disc brush, soft, natural, 510 mm                               | 3  | 4.905-027.0 | Natural-coloured, soft disc brush for cleaning and polishing textured floor coverings.                                                                                                   | □ |
| Disc brush complete black D51, hard, black, 510 mm              | 4  | 4.905-029.0 | Black, very abrasive disc brush for the deep cleaning of hard-wearing floor coverings with very sticky dirt.                                                                             | □ |
| <b>SQUEEGEES AND SQUEEGEE BLADES</b>                            |    |             |                                                                                                                                                                                          |   |
| <b>Squeegees</b>                                                |    |             |                                                                                                                                                                                          |   |
| Squeegee, 900 mm, V-shaped                                      | 5  | 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.       | ■ |
| Squeegee, 850 mm, straight                                      | 6  | 4.777-401.0 | Straight, with support rollers. Squeegee blades of oil-resistant, transparent polyurethane.                                                                                              | □ |
| <b>Squeegee blades</b>                                          |    |             |                                                                                                                                                                                          |   |
| Squeegee blades for V-squeegee, oil-resistant, grooved, 1010 mm | 7  | 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.   | □ |
| Rubber lip set, oil-resistant, grooved, 890 mm                  | 8  | 6.273-207.0 | Squeegee blade kit includes front and rear squeegee blades, 890 mm. Grooved squeegee blades of hard-wearing, oil-resistant, transparent polyurethane. For all standard floors.           | □ |
| Squeegee blades, oil-resistant, slotted, 890 mm                 | 9  | 6.273-229.0 | Squeegee blade kit includes front and rear squeegee blades, 890 mm. Slotted squeegee blades of hard-wearing, oil-resistant, transparent polyurethane. For sensitive floors.              | □ |
| Squeegee blades, oil-resistant, closed, 890 mm                  | 10 | 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. | □ |
| Squeegee blades, Natural rubber, 890 mm                         | 11 | 6.273-213.0 | Squeegee blade kit includes front and rear squeegee blades, 890 mm. Soft natural rubber grooved squeegee blades. For all standard floors.                                                | □ |
| <b>FLOOR DUSTING</b>                                            |    |             |                                                                                                                                                                                          |   |
| <b>Textiles Durable</b>                                         |    |             |                                                                                                                                                                                          |   |
| Acrylic dust mop 60 cm                                          | 12 | 6.999-148.0 | Acrylic dust mop, 60 cm wide, made of durable acrylic. For dry cleaning smooth and lightly textured floors. Excellent dust binding thanks to the principle of electrostatic charging.    | □ |
| <b>Frames for durable textiles</b>                              |    |             |                                                                                                                                                                                          |   |
| Dust mop holder 60 cm                                           | 13 | 6.999-092.0 | Lightweight and 360° rotatable dust mop holder (60 cm) for dust mops (60 cm). Ideal for dry cleaning large areas filled with objects and furniture.                                      | □ |
| <b>SWEEPING</b>                                                 |    |             |                                                                                                                                                                                          |   |
| <b>Pickers</b>                                                  |    |             |                                                                                                                                                                                          |   |
| Litter picker 100 cm                                            | 14 | 6.999-113.0 | 100 cm long ergonomic litter picker for the comfortable pick-up of coarse dirt.                                                                                                          | □ |

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

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|                                                     |    | Order no.   | Description                                                                                                                                                                                                        |                          |
|-----------------------------------------------------|----|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>TEXTILES DURABLE</b>                             |    |             |                                                                                                                                                                                                                    |                          |
| <b>Pockets</b>                                      |    |             |                                                                                                                                                                                                                    |                          |
| ECO! mop, blue, 40 cm                               | 15 | 6.999-143.0 | ECO!Mop set in blue. With loops made from microfibre and pocket fixing. Perfect for the preconditioning method and use with the flat mop system from Kärcher.                                                      | <input type="checkbox"/> |
| ECO! mop, red, 40 cm                                | 16 | 6.999-136.0 | ECO!Mop set in red. With loops made from microfibre and pocket fixing. Perfect for the preconditioning method and use with the flat mop system from Kärcher.                                                       | <input type="checkbox"/> |
| <b>FLOOR WET CLEANING</b>                           |    |             |                                                                                                                                                                                                                    |                          |
| <b>Spraymopsystems</b>                              |    |             |                                                                                                                                                                                                                    |                          |
| ECO!Spray mop system                                | 17 | 5.999-045.0 | Spray mop system with 0.66 litre bottle and spray unit. The cleaning solution is sprayed directly onto the mop and ensures fast and ergonomic cleaning of small areas.                                             | <input type="checkbox"/> |
| <b>DISC PADS / PAD DRIVE BOARDS</b>                 |    |             |                                                                                                                                                                                                                    |                          |
| <b>Microfibre pad</b>                               |    |             |                                                                                                                                                                                                                    |                          |
| Microfibre pad, White, 508 mm, 5 Piece(s)           | 18 | 6.371-271.0 | Microfibre disc pad for the reliable and gentle removal of grey haze. Ideal for fine stoneware tiles.                                                                                                              | <input type="checkbox"/> |
| <b>Pads</b>                                         |    |             |                                                                                                                                                                                                                    |                          |
| Pad, soft, beige, 508 mm, 5 Piece(s)                | 19 | 6.369-468.0 | Beige-coloured pad for ultra high-speed polishing and cleaning.                                                                                                                                                    | <input type="checkbox"/> |
| Pad, medium-soft, red, 508 mm, 5 Piece(s)           | 20 | 6.369-079.0 | Red, standard disc pad for regular maintenance cleaning.                                                                                                                                                           | <input type="checkbox"/> |
| Pad, medium-hard, green, 508 mm, 5 Piece(s)         | 21 | 6.369-078.0 | Green, abrasive roller pad for deep cleaning, as well as the removal of sticky dirt.                                                                                                                               | <input type="checkbox"/> |
| Pad, hard, black, 508 mm, 5 Piece(s)                | 22 | 6.369-077.0 | Black, very abrasive disc pad for the deep cleaning of hard-wearing floor coverings with very sticky dirt.                                                                                                         | <input type="checkbox"/> |
| Pad, hard, brown, 508 mm, 2 Piece(s)                | 23 | 2.639-258.0 | Very abrasive disc pad for chemical-free care film and decoating.                                                                                                                                                  | <input type="checkbox"/> |
| Natural hair pad, soft, natural, 500 mm, 5 Piece(s) | 24 | 6.371-146.0 | The soft beige disc pad made from natural hair is ideal for cleaning and high-gloss polishing.                                                                                                                     | <input type="checkbox"/> |
| <b>Pad drive boards</b>                             |    |             |                                                                                                                                                                                                                    |                          |
| Pad drive board STRONG, 480 mm                      | 25 | 4.762-593.0 | Required for use of melamine pads, but can also be used for normal pads. Pad drive board with lots of extra hooks for holding pads. Extra-strong hold of the pad at the pad drive board of the cleaning head D 51. | <input type="checkbox"/> |
| Pad drive board, 479 mm                             | 26 | 4.762-534.0 | For cleaning with pads. With quick-change coupling and Centerlock.                                                                                                                                                 | <input type="checkbox"/> |
| <b>Diamond pad</b>                                  |    |             |                                                                                                                                                                                                                    |                          |
| Diamond pad, coarse, White, 508 mm, 5 Piece(s)      | 27 | 6.371-260.0 | White, coarse diamond disc pad for hard floor coverings. Removes minor scratches and creates a clean, even matt base for further treatment with yellow diamond disc pad.                                           | <input type="checkbox"/> |
| Diamond pad, medium, Yellow, 508 mm, 5 Piece(s)     | 28 | 6.371-261.0 | Yellow, diamond disc pad for treating and maintaining hard floor coverings. For a silky matt surface which can then be polished with the green diamond disc pad.                                                   | <input type="checkbox"/> |

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

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|                                              |    | Order no.   | Description                                                                                                                                                                                                    |                          |
|----------------------------------------------|----|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>DISC PADS / PAD DRIVE BOARDS</b>          |    |             |                                                                                                                                                                                                                |                          |
| <b>Diamond pad</b>                           |    |             |                                                                                                                                                                                                                |                          |
| Diamond pad, fine, green, 508 mm, 5 Piece(s) | 29 | 6.371-240.0 | Green, fine diamond disc pad for polishing polishable floor coverings. Creates high-gloss surfaces and can also be used for crystallisation.                                                                   | <input type="checkbox"/> |
| <b>Melamine pads</b>                         |    |             |                                                                                                                                                                                                                |                          |
| Melamine pad, Grey/white, 508 mm, 2 Piece(s) | 30 | 6.371-025.0 | White melamine disc pad for intermediate and deep cleaning of microporous surfaces, as well as fine stone and other hard floor coverings. Can also be used for removing grey haze.                             | <input type="checkbox"/> |
| <b>OTHER ACCESSORIES SCRUBBER DRIERS</b>     |    |             |                                                                                                                                                                                                                |                          |
| <b>Miscellaneous</b>                         |    |             |                                                                                                                                                                                                                |                          |
| Filling hose                                 | 31 | 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.                                                                                          | <input type="checkbox"/> |
| <b>Home Base accessories</b>                 |    |             |                                                                                                                                                                                                                |                          |
| Home Base adapter                            | 32 | 5.035-488.0 | Fastener for various hooks and clips on the machine.                                                                                                                                                           | <input type="checkbox"/> |
| Universal hook kit                           | 33 | 4.070-075.0 | Hook and adaptor kit for attachment to the Home Base rail scrubber drier by Kärcher. Ideal for space-saving storage of hoses (for example, spray suction attachment kit) on the machine.                       | <input type="checkbox"/> |
| Double hook                                  | 34 | 6.980-077.0 | Double hook for attaching rubbish bags, etc. to the machine. Only for use with the Homebase adapter 5.035-488.0.                                                                                               | <input type="checkbox"/> |
| Holder handhold grey                         | 35 | 6.980-078.0 | Mop clip for attaching a mop to the machine. Only for use with the Homebase adapter 5.035-488.0.                                                                                                               | <input type="checkbox"/> |
| Bottle holder                                | 36 | 6.980-080.0 | Suitable for transporting spray bottles - only in conjunction with Home Base adapter 5.035-488.0.                                                                                                              | <input type="checkbox"/> |
| Home Base Box Kit                            | 37 | 4.035-406.0 | The Box kit provides enough space for three cleaning agent bottles along with cloths, scrapers, spare rubbish bags, gloves, etc.                                                                               | <input type="checkbox"/> |
| Home Base Kit mop holder                     | 38 | 4.039-271.0 | Mop holder allows you to carry a mop on the machine. Easy attachment, convenient use.                                                                                                                          | <input type="checkbox"/> |
| Holder for squeegee                          | 39 | 9.753-088.0 | Holder for squeegee: The steel holder is attached to the Home Base rail of the scrubber drier and allows the safe storage and transportation of the squeegee.                                                  | <input type="checkbox"/> |
| <b>Dosing aids</b>                           |    |             |                                                                                                                                                                                                                |                          |
| DS 3 Cleaning Agent Dosing Station           | 40 | 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"/> |
| <b>KITS</b>                                  |    |             |                                                                                                                                                                                                                |                          |
| <b>Fleet mounting kit</b>                    |    |             |                                                                                                                                                                                                                |                          |
| Attachment kit Plug-in Connect Module        | 41 | 2.644-391.0 | The IoT module* is used to transmit information on the location and operating hours of battery-powered Kärcher cleaning machines and third-party devices to the equipment management system.                   | <input type="checkbox"/> |
| <b>Other attachment kits</b>                 |    |             |                                                                                                                                                                                                                |                          |
| Suction hose accessories                     | 42 | 4.444-015.0 | For vacuuming water out of corners or containers (e.g. freezers).                                                                                                                                              | <input type="checkbox"/> |

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|                                                       |    | Order no.   | Description                                                                                                                                                |                          |
|-------------------------------------------------------|----|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>KITS</b>                                           |    |             |                                                                                                                                                            |                          |
| <b>Other attachment kits</b>                          |    |             |                                                                                                                                                            |                          |
| Attachment kit stacked bumper roller squeegee         | 43 | 4.035-619.0 | Additional, non-marking bumper rollers for assembly at the ends of the squeegee. Effectively prevent the squeegee from hooking onto pallets or shelf feet. | <input type="checkbox"/> |
| Bin liner holder attachment kit                       | 44 | 4.039-269.0 | Time-saving and useful accessory part: holder for convenient attachment of a bin liner or bin bag directly to the machine.                                 | <input type="checkbox"/> |
| Attachment kit for the 60 cm pre-sweep mop            | 45 | 4.039-270.0 | The pre-sweep mop can sweep up coarse dirt and it prevents coarse dirt from getting onto the brush head and into the squeegee.                             | <input type="checkbox"/> |
| <b>Lighting / revolving signal light mounting kit</b> |    |             |                                                                                                                                                            |                          |
| Flashing beacon                                       | 46 | 4.039-267.0 | Non-glare flashing beacon increases safety when working in dark buildings.                                                                                 | <input type="checkbox"/> |
| <b>TRACTION BATTERIES AND CHARGERS</b>                |    |             |                                                                                                                                                            |                          |
| <b>Batteries</b>                                      |    |             |                                                                                                                                                            |                          |
| Battery kit, 24 V, 105 Ah, Maintenance-free           | 47 | 2.815-100.0 | Battery kit with 24 V voltage and 105 Ah (C5) capacity. Comprising several maintenance-free single gel batteries.                                          | <input type="checkbox"/> |
| Battery kit, 24 V, 115 Ah, Maintenance-free           | 48 | 2.815-091.0 | Battery kit with 24 V voltage and 115 Ah (C5) capacity. Comprising several maintenance-free single AGM batteries.                                          | <input type="checkbox"/> |
| <b>Battery Chargers</b>                               |    |             |                                                                                                                                                            |                          |
| Battery charger, 24 V                                 | 49 | 6.654-367.0 | Battery charger (24 V). Specially developed for charging maintenance-free batteries with a capacity between 70 and 115 Ah.                                 | <input type="checkbox"/> |
| <b>Accessories for batteries</b>                      |    |             |                                                                                                                                                            |                          |
| Battery mounting kit                                  | 50 | 2.638-104.0 | Installation kit for installing a battery kit in a machine. Incl. spacers and connection cable. Image similar.                                             | <input type="checkbox"/> |
|                                                       | 51 | 2.638-152.0 | Installation kit for installing a battery kit in a machine. Incl. connection cable and two spacers. Image similar.                                         | <input type="checkbox"/> |
| Adapter cable                                         | 52 | 4.035-264.0 | Adapter cable for connecting to the battery charger 6.654-329.0.                                                                                           | <input type="checkbox"/> |
| <b>SPRAY EXTRACTION MACHINES</b>                      |    |             |                                                                                                                                                            |                          |
| <b>Other</b>                                          |    |             |                                                                                                                                                            |                          |
| Cleaning agent container, complete                    | 53 | 4.070-006.0 | Kit consisting of cleaning agent container and Home Base adapter. For connecting Home Base rail.                                                           | <input type="checkbox"/> |
| <b>SPRAY UNITS</b>                                    |    |             |                                                                                                                                                            |                          |
| Pump spray bottle                                     | 54 | 6.394-409.0 | 1-litre pump spray bottle - including pump and pressure tank - easy, uniform spraying for cleaning or crystallising.                                       | <input type="checkbox"/> |

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