# B 150 R + D 90

B 150 R + D90: perfect for medium-sized surfaces of 3000 to 6000 m². The compact, battery powered ride-on scrubber drier has 2 disc brushes (90 cm working width) & 150 l tanks.

**1 Innovative KIK system**

- Greater protection from incorrect operation.
- Lower service costs.

**2 Auto Fill (optional)**

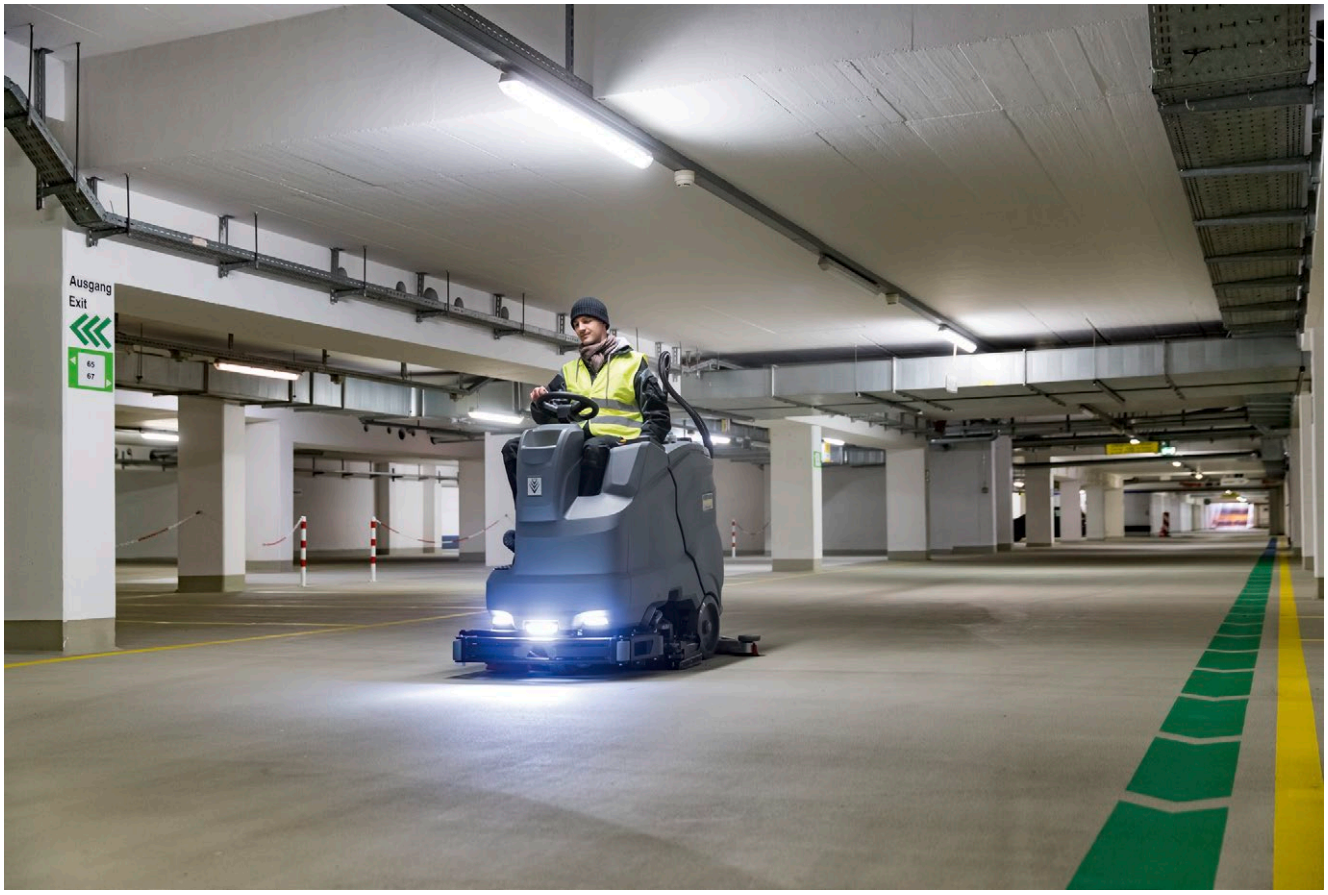
- Automatic fresh water tank filling.
- Connect the fresh water hose and the filling process stops automatically when the tank is full.

**3 Choice of four batteries**

- Battery types: maintenance-free with 36 V/180 Ah, low-maintenance with 36 V/180 Ah, maintenance-free 36 V/240 Ah, low-maintenance with 36 V/240 Ah.

B 150 R + D 90, 1.246-050.2, 2022-08-02

# TECHNICAL DATA AND EQUIPMENT




## B 150 R + D 90

- Compact and agile
- EASY Operation selector switch
- With Dose cleaning agent dosing system.

## Technical data

| | | |
|---|---|---|
| **Order no.** | | 1.246-050.2 |
| **Working width of brushes** | **mm** | 900 |
| **Working width, vacuuming** | **mm** | 1180 |
| **Tank of fresh/dirty water** | **l** | 150 / 150 |
| **Theoretical area performance** | **m²/h** | 5400 |
| **Brush rotational speed** | **rpm** | 180 |
| **Brush contact pressure** | **g/cm²** | 89 |
| **Battery voltage** | **V** | 36 |
| **Battery runtime** | **h** | max. 5 |
| **Rated input power** | **W** | up to 2400 |
| **Dimensions (L x W x H)** | **mm** | 1790 × 910 × 1410 |
| **Sound pressure level** | **dB(A)** | 61 |

## Equipment

| | | | |
|---|---|---|---|
| **Disc brush** | ■ | **Kärcher colour and operating concept** | ■ |
| **Powerful traction drive** | ■ | **Kärcher Intelligent Key System (KIK) with over 30 user languages and individual user rights** | ■ |
| **Built-in charger** | ■ | **Home Base fastening possibilities for mop or similar** | ■ |
| **Automatic water stop** | ■ | **electrical and mechanical float switch** | ■ |
| **Tin** | ■ | **Easy Operation selector switch** | ■ |
| **Solenoid valve** | ■ | | |
| **Squeegee, curved** | ■ | | |
| **2-tank system** | ■ | | |
| **standard daytime driving light** | ■ | | |
| **Type of suction lips** | Linatex® | | |
| **robust front bumper** | ■ | | |

■ **Included in the scope of supply.**

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| | | Order no. | Hardness grade | Diameter | Colour | Quanti-ty | Price | Description | |
|---|---|---|---|---|---|---|---|---|---|
| **Disc brushes** | | | | | | | | | |
| Disc brush | 1 | 4.905-003.0 | medium | 450 mm | red | 1 piece(s) | | Red standard disc brush for regular maintenance cleaning. | ■ |

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

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| | | Order no. | Length | Colour | Quanti-ty | | Price | Description | |
|---|---|---|---|---|---|---|---|---|---|
| **Squeegees** | | | | | | | | | |
| Squeegee | 1 | 4.778-009.0 | 1180 mm | red | 1 piece(s) | | | Parabolic, robust squeegee made from aluminium with 1180 mm suction width and quick coupling. Delivers excellent suction and drying results. Tool-free change of suction lips. | ■ |

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| | | Order no. | Length | Colour | Quanti-ty | | Price | Description | |
|---|---|---|---|---|---|---|---|---|---|
| **Miscellaneous** | | | | | | | | | |
| Cover dirty water tank complete | 1 | 4.035-512.0 | | | 1 piece(s) | | | | ■ |
| KIK key, yellow | 2 | 5.035-344.0 | | yellow | 1 piece(s) | | | User key for using the appliance | ■ |
| KIK key, grey | 3 | 5.035-348.0 | | grey | 1 piece(s) | | | Supervisor key for using the appliance | ■ |
| Filling hose | 4 | 6.680-124.0 | 1.5 m | | 1 piece(s) | | | 1,500-mm filling hose for easy device filling from a water tap. With universal tapered fitting for all standard taps. | □ |
| Cover tank rinsing system com-plete | 5 | 4.035-513.0 | | | 1 piece(s) | | | For machines in the B 150 & B 200 range with tank cleaning system: tool-free exchangeable dirty water tank cover with integrated spray nozzles. | □ |
| Add-on kit eco!zero | 6 | 5.388-133.0 | | | 1 piece(s) | | | With eco!zero for climate-neutral cleaning: as compensation for the CO2 which is produced by using the machine, we support climate protection projects worldwide. | □ |
| KIK key, white | 7 | 4.035-076.0 | | White | 1 piece(s) | | | User key for using the appliance programmable | □ |
| KIK key set, yellow | 8 | 4.035-408.0 | | yellow | 5 piece(s) | | | Key for operators. Cannot be adjusted. | □ |
| KIK key set, white | 9 | 4.035-064.0 | | White | 5 piece(s) | | | 5 white keys with keychain. Each key can be individually preset using the grey key supplied with the machine. This means that the machine parameters are always the same. The keychain helps to identify the key. This allows parame-ters to be set for cleaning in summer or winter, in sunshine or rain, on sensitive and hard-wearing floors or in work-shops and showrooms. | □ |
| ABS brush head impact protection | 10 | 2.034-000.0 | | | | | | Extremely robust and stable impact protection for protect-ing the brush head when driving close to walls or corners, or in the event of unexpected obstacles. | □ |
| **Wheels / tyres** | | | | | | | | | |
| Rear wheel, supergrip | 11 | 6.438-010.0 | | | | | | For improving road grip and increasing safety, also when cornering and taking bends, this oil-proof rear wheel is suitable for our ride-on scrubber dryer B 150 R. (You need 2 rear wheels.) | □ |
| Supergrip front wheels | 12 | 6.435-810.0 | | purple | 1 piece(s) | | | The combination of the special tyre compound and the V-profile of these oil-resistant front wheel bands increases traction and ensures very good adhesion properties on slippery floors. | □ |
| **Wiping flaps** | | | | | | | | | |
| Modification kit, squeegee blades for brush head | 13 | 2.763-031.0 | | | 1 piece(s) | | | Floating squeegee blades adapt to the surface. Fits D 90, D 75 and D 65. | □ |
| **Home Base accessories** | | | | | | | | | |
| Home Base adapter | 14 | 5.035-488.0 | | | 1 piece(s) | | | Fastener for various hooks and clips on the machine. | □ |
| Home Base Mop Holder Kit | 15 | 4.035-514.0 | | | 1 piece(s) | | | Holder fits on machine for convenient mop storage. | □ |
| Universal hook kit | 16 | 4.070-075.0 | | | 1 piece(s) | | | 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. | □ |
| Double hook | 17 | 6.980-077.0 | | | 1 piece(s) | | | Double hook for attaching rubbish bags, etc. to the machine. Only for use with the Homebase adapter 5.035-488.0. | □ |
| Holder handhold grey | 18 | 6.980-078.0 | | grey | 1 piece(s) | | | Mop clip for attaching a mop to the machine. Only for use with the Homebase adapter 5.035-488.0. | □ |

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

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| | | Order no. | Length | Colour | Quanti-ty | | Price | Description | |
|---|---|---|---|---|---|---|---|---|---|
| Bottle holder | 19 | 6.980-080.0 | | grey | 1 piece(s) | | | Suitable for transporting spray bottles – only in conjunction with Home Base adapter 5.035-488.0. | ☐ |
| Home Base Box Kit | 20 | 4.035-406.0 | | | 1 piece(s) | | | The Box kit provides enough space for three cleaning agent bottles along with cloths, scrapers, spare rubbish bags, gloves, etc. | ☐ |
| Manual rinsing system | 21 | 4.035-515.0 | | | 1 piece(s) | | | Allows the tank to be rinsed using the on-board fresh water. Includes hose, spray nozzle and hose hanger. | ☐ |
| **Dosing aids** | | | | | | | | | |
| DS 3 Cleaning Agent Dosing Station | 22 | 2.641-811.0 | | | 1 piece(s) | | | 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 back-flow preventer (DIN EN 1717). | ☐ |

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| | | Order no. | | | | | Price | Description | |
|---|---|---|---|---|---|---|---|---|---|
| **Brush heads** | | | | | | | | | |
| Brush head D 90 S | 1 | 2.763-008.0 | | | | | | Brush head with 2 disc brushes, brush quick changeover system, 90 cm working width and height adjustable side guards. | ■ |

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| | | Order no. | Length | Diameter | Quanti-ty | | Price | Description | |
|---|---|---|---|---|---|---|---|---|---|
| **Side broom / side scrub deck mounting kit** | | | | | | | | | |
| Side scrubbing deck | 1 | 2.644-088.0 | | | | | | For wet cleaning close to the edge on the right side: side scrubbing deck with lifting arm. Extends the working width by 20 cm. | ☐ |
| **Lighting / revolving signal light mounting kit** | | | | | | | | | |
| Working light (manufactured from 8/2018 onwards) | 2 | 2.034-001.0 | | | | | | Working light for improving safety when working. With front and side lighting on the brush head. | ☐ |
| Revolving signal light | 3 | 4.035-516.0 | | | 1 piece(s) | | | Increases safety at work. | ☐ |
| **Other attachment kits** | | | | | | | | | |
| Protective roof | 4 | 2.644-089.0 | | | | | | Robust steel construction. Complies with IEC 60335-2-72. | ☐ |
| Suction hose accessories | 5 | 4.444-015.0 | 3.25 m | | 1 piece(s) | | | For vacuuming water out of corners or containers (e.g. freezers). | ☐ |
| Auto-Fill | 6 | 4.035-345.0 | | | 1 piece(s) | | | Automatic filling system. Water supply automatically stops when the tanks is full. With safety overflow. | ☐ |
| Attachment kit stacked bumper roller squeegee | 7 | 4.035-619.0 | | | 2 -part | | | Additional, non-marking bumper rollers for assembly at the ends of the squeegee. Effectively prevent the squeegee from hooking onto pallets or shelf feet. | ☐ |
| **Spray extraction mounting kit** | | | | | | | | | |
| Spray suction attachment kit | 8 | 2.642-058.0 | | | 1 piece(s) | | | Simplifies cleaning areas inaccessible for machines. | ☐ |

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

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| | | Order no. | Quantity | Battery voltage | Battery capacity | Battery type | Price | Description | |
|---|---|---|---|---|---|---|---|---|---|
| **Batteries** | | | | | | | | | |
| Battery kit | 1 | 2.815-107.0 | 1 -part | 36 V | 240 Ah | | | Low-maintenance wet battery in trough. Voltage 36 V, capacity 240 Ah (C5). | ☐ |
| | 2 | 2.815-106.0 | 1 -part | 36 V | 180 Ah | | | Low-maintenance wet battery in trough. Voltage 36 V, capacity 180 Ah (C5). | ☐ |
| | 3 | 2.815-105.0 | 6 -part | 36 V | 240 Ah | maintenance-free | | Battery kit with 36 V voltage and 240 Ah (C5) capacity. Comprising several maintenance-free single gel batteries. | ☐ |
| | 4 | 2.815-104.0 | 6 -part | 36 V | 180 Ah | maintenance-free | | Battery kit with 36 V voltage and 180 Ah (C5) capacity. Comprising several maintenance-free single gel batteries. | ☐ |
| | 5 | 2.815-114.0 | 6 -part | 36 V | 285 Ah | maintenance-free | | Battery kit with 36 V voltage and 285 Ah (C5) capacity. Comprising several maintenance-free single AGM batteries. | ☐ |
| **Accessories for batteries** | | | | | | | | | |
| Battery mounting kit | 6 | 2.638-032.0 | 2 -part | | | | | Installation kit for installing battery kit in a machine. Incl. 2 brackets. | ☐ |
| | 7 | 2.638-136.0 | 7 -part | | | | | Installation kit for installing battery kit in a machine. Incl. 2 brackets and 5 connection cables. | ☐ |
| | 8 | 2.638-143.0 | 7 -part | | | | | Installation kit for installing battery kit in a machine. Incl. 5 connection cables and 2 brackets. | ☐ |
| | 9 | 2.638-161.0 | 5 -part | | | | | Installation kit for installing battery kit in a machine. Incl. 5 connection cables. | ☐ |
| Box with wall holder | 10 | 2.641-243.0 | 1 piece(s) | | | | | Supply system for charging wet batteries, the batteries can be filled easily, time saving. Mount the box 4 meters high. | ☐ |
| Box | 11 | 2.641-244.0 | 1 piece(s) | | | | | | ☐ |

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| | | Order no. | Quantity | ID | Width | Length | Price | Description | |
|---|---|---|---|---|---|---|---|---|---|
| **Other** | | | | | | | | | |
| Cleaning agent container, complete | 1 | 4.070-006.0 | 1 piece(s) | | | | | Kit consisting of cleaning agent container and Home Base adapter. For connecting Home Base rail. | ☐ |

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| | | Order no. | | | | | Price | Description | |
|---|---|---|---|---|---|---|---|---|---|
| **Storage** | | | | | | | | | |
| Basket with bottle insert | 1 | 6.999-290.0 | | | | | | Carrying basket with bottle insert, carrying handle and removable dividers. | ☐ |

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