

## HD 18/50-4 CAGE ADV

The most powerful machine in our UHP compact class: The compact HD 18/50-4 Cage Advanced with automatic pressure relief valve and maximum flexibility for a wide range of applications.



Order no.

1.367-162.0

- Automatic pressure relief
- Booster pump (optional)
- Water shortage protection as standard

### Technical data

|                            |             |                    |
|----------------------------|-------------|--------------------|
| EAN code                   |             | 4054278223353      |
| Working pressure           | bar / MPa   | max. 500 / max. 50 |
| Flow rate                  | l/h         | 1800               |
| Inlet temperature          | °C          | max. 60            |
| Fuel                       |             | Electric           |
| Engine rating              | kW          | 30                 |
| Supply voltage             | Ph / V / Hz | 3 / 380 / 415 / 50 |
| Pump type                  |             | Crankshaft         |
| Weight without accessories | kg          | 307                |
| Weight (with accessories)  | kg          | 321.3              |
| Weight incl. packaging     | kg          | 328.7              |
| Dimensions (L × W × H)     | mm          | 747 × 1317 × 1093  |

### Equipment

|                             |    |                        |
|-----------------------------|----|------------------------|
| High-pressure hose          | m  | 20 / Heavy duty        |
| Spray gun                   |    | Industrial trigger gun |
| Stainless steel spray lance | mm | 700                    |
| Flat jet nozzle             |    | ■                      |
| Safety valve                |    | ■                      |
| Elapsed time counter        |    | ■                      |

■ Included in the scope of supply.

Users must receive training on this device.



## Pressure relief valve

- The pressure relief valve reduces the pressure in the hose, so it remains flexible when the trigger gun is closed.
- Prevents any sudden recoil for the user, as the pressure is built up slowly when pulling the trigger gun.
- Significant improvement in handling, for example, makes it easier to switch between working areas.

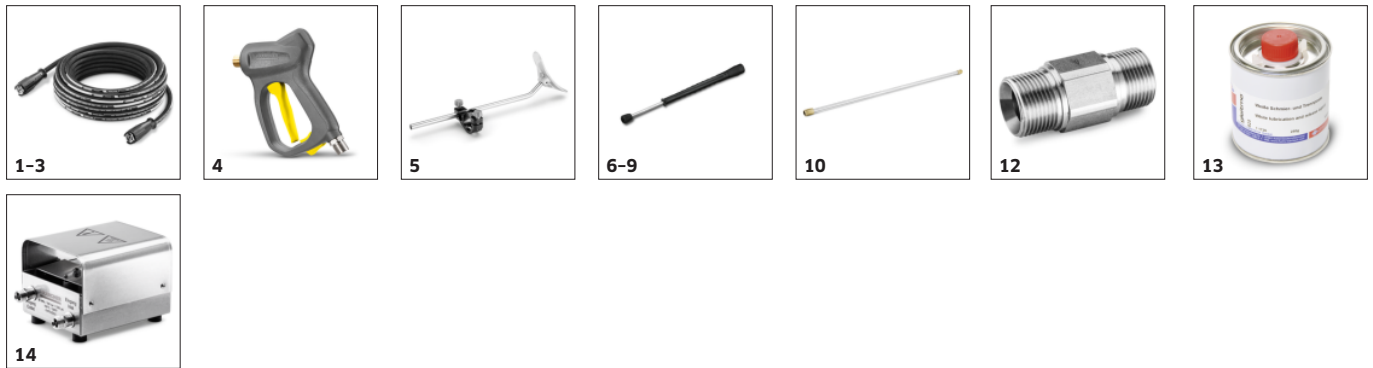


## Outstanding mobility

- Large wheels, as well as an optimum centre of gravity secure a high degree of mobility for the machine – despite its size.
- A practical crane hook allows simple transport, also over rough terrain.

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|                                            |    | Order no.   | Description                                                                                                                                                                         |   |
|--------------------------------------------|----|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <b>ULTRA-HIGH-PRESSURE CLEANERS</b>        |    |             |                                                                                                                                                                                     |   |
| <b>High-pressure hoses</b>                 |    |             |                                                                                                                                                                                     |   |
| Pressure hose, 20 m, 620 bar, M22 × 1.5    | 1  | 6.391-847.0 | 650 bar, M 22 × 1.5.                                                                                                                                                                | ■ |
| Pressure hose, 10 m, 620 bar, M22 × 1.5    | 2  | 6.391-846.0 | 650 bar, M 22 × 1.5                                                                                                                                                                 | □ |
| Pressure hose, 30 m, 620 bar, M22 × 1.5    | 3  | 6.391-019.0 | Durable, abrasion-resistant and flexible multi-layer steel-reinforced hose with connection size M 22 × 1.5. Suitable for up to 620 bar working pressure.                            | □ |
| <b>Trigger guns</b>                        |    |             |                                                                                                                                                                                     |   |
| Kärcher industry gun                       | 4  | 4.775-824.0 | 650 bar – industrial spray gun with optimised flow. Robustness and durability for professional use. Food-safe and saltwater-resistant materials. Connector for HP hoses M 22 × 1.5. | ■ |
| Shoulder support                           | 5  | 2.639-251.0 | Sturdy shoulder support that must be used from a recoil force of more than 150 N. Fits all Kärcher industrial lances.                                                               | □ |
| <b>Spray lances</b>                        |    |             |                                                                                                                                                                                     |   |
| Spray lance                                | 6  | 4.760-679.0 | With nozzle holder.                                                                                                                                                                 | ■ |
|                                            | 7  | 4.760-653.0 |                                                                                                                                                                                     | □ |
| Jet pipe complete 1550 mm 65 MPa           | 8  | 4.760-675.3 |                                                                                                                                                                                     | □ |
| Spray lance                                | 9  | 4.760-677.0 |                                                                                                                                                                                     | □ |
| Spray lance extension                      | 10 | 4.760-699.0 | Spray lance extension 800 mm, 65 MPa.                                                                                                                                               | □ |
| <b>Attachment kits</b>                     |    |             |                                                                                                                                                                                     |   |
| Attachment kit for advance pressure pump   | 11 | 2.637-017.0 | Booster pump attachment kit for reliable high-pressure pump water supply. The advance pressure pump is installed in the machine.                                                    | □ |
| <b>Couplings and connectors</b>            |    |             |                                                                                                                                                                                     |   |
| Coupling                                   | 12 | 4.403-004.0 | For joining and extending HD hoses. Connection 2 × M 22 × 1.5. Material: Stainless steel.                                                                                           | □ |
| Grease for stainless steel threaded joints | 13 | 6.280-180.0 | Grease for stainless steel screw connections.                                                                                                                                       | □ |
| <b>Pipe cleaning</b>                       |    |             |                                                                                                                                                                                     |   |
| Foot valve for pipe cleaning               | 14 | 6.470-223.0 | Foot valve for convenient and safe use of accessories for effective pipe cleaning.                                                                                                  | □ |

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

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|                                                   |    | Order no.   | Description                                                                                                                                                                          |                          |
|---------------------------------------------------|----|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>ULTRA-HIGH-PRESSURE CLEANERS</b>               |    |             |                                                                                                                                                                                      |                          |
| <b>Pipe cleaning</b>                              |    |             |                                                                                                                                                                                      |                          |
| Pipe cleaning nozzle, standard                    | 15 | 6.025-527.0 | Standard pipe cleaning nozzle for pipe cleaning hoses with G1/4" threaded connection.                                                                                                | <input type="checkbox"/> |
| Pipe cleaning nozzle, Quattro                     | 16 | 6.025-528.0 | Chisel point nozzle with forward jet for removing the most stubborn dirt. With G1/4" threaded connection.                                                                            | <input type="checkbox"/> |
| Pipe cleaning nozzle, rotor                       | 17 | 6.025-529.0 | Rotor pipe cleaning nozzle for pipe cleaning hoses with G1/4" threaded connection.                                                                                                   | <input type="checkbox"/> |
| Pipe cleaning hose                                | 18 | 6.392-401.0 | Flexible pressure hose (DN 8) for thorough pipe cleaning. 10 m long. Threaded connection for G1/4" nozzle.                                                                           | <input type="checkbox"/> |
|                                                   | 19 | 6.392-402.0 | Flexible pressure hose (DN 8) for thorough pipe cleaning. With threaded connection for G1/4" nozzle and 20 m long.                                                                   | <input type="checkbox"/> |
|                                                   | 20 | 6.392-403.0 | For through pipe cleaning: flexible, 30 m long pressure hose with threaded connection for G1/4" nozzle.                                                                              | <input type="checkbox"/> |
| <b>Surface cleaner</b>                            |    |             |                                                                                                                                                                                      |                          |
| Surface Cleaner FRI 50 Me                         | 21 | 2.643-577.0 | Surface cleaner for efficient cleaning of surfaces up to 500 bar and hot water cleaning up to 100°C. 4 convenient steering rollers. Specific nozzle kits must be ordered separately. | <input type="checkbox"/> |
| Nozzle package 030 FRI 50 Me                      | 22 | 6.415-059.0 | Machine-specific nozzle kit for Surface Cleaner FRI 50 Me.                                                                                                                           | <input type="checkbox"/> |
| <b>Abrasive blaster</b>                           |    |             |                                                                                                                                                                                      |                          |
| Adapter required for abrasive sprayer and TD 3000 | 23 | 5.401-325.0 | M 20 × 1 IG to 9/16" UNF AG.                                                                                                                                                         | <input type="checkbox"/> |
| Abrasive blaster                                  | 24 | 9.917-716.0 | Abrasive spray head for wet sand blasting. Nozzle size: 3 × 0.8. Only includes spray head. Without hose and lance.                                                                   | <input type="checkbox"/> |
| Replacement nozzle for abrasive blaster           | 25 | 6.025-346.0 | Replacement nozzle for abrasive spray head made from boron carbide. Colour blue.                                                                                                     | <input type="checkbox"/> |
| F98 nozzle kit, D 0.80 mm                         | 26 | 9.886-552.0 | Three-nozzle kit with nozzle size 0.8 mm for abrasive spray head for wet sand blasting.                                                                                              | <input type="checkbox"/> |
| F98 nozzle for abrasive blaster                   | 27 | 9.886-538.0 | Nozzle with size 0.8 mm for abrasive spray head for wet sand blasting.                                                                                                               | <input type="checkbox"/> |
| Suction lance                                     | 28 | 6.025-258.0 | For the suction of spray agents.                                                                                                                                                     | <input type="checkbox"/> |

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

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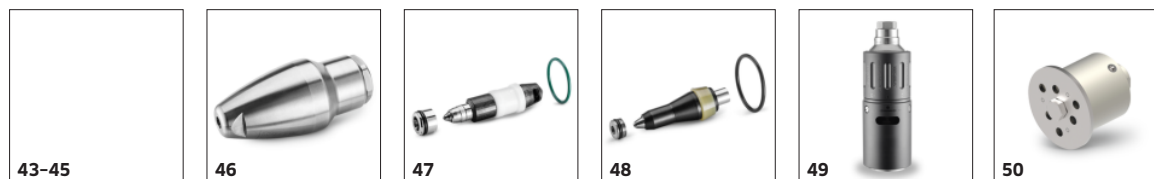


|                                      |    | Order no.   | Description                                                                                                                                          |                                     |
|--------------------------------------|----|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>ULTRA-HIGH-PRESSURE CLEANERS</b>  |    |             |                                                                                                                                                      |                                     |
| <b>Abrasive blaster</b>              |    |             |                                                                                                                                                      |                                     |
| Abrasive material hose               | 29 | 6.025-308.0 | Abrasive hose.                                                                                                                                       | <input type="checkbox"/>            |
| Mounting tool for nozzle set         | 30 | 6.025-257.0 | For F98 nozzles.                                                                                                                                     | <input type="checkbox"/>            |
| Abrasive                             | 31 | 6.025-309.0 | 25 kg, 0.5–1.00 mm, garnet sand.                                                                                                                     | <input type="checkbox"/>            |
|                                      | 32 | 6.025-310.0 | 25 kg, 0.7–1.40 mm, garnet sand.                                                                                                                     | <input type="checkbox"/>            |
| <b>NOZZLES</b>                       |    |             |                                                                                                                                                      |                                     |
| <b>Power nozzles</b>                 |    |             |                                                                                                                                                      |                                     |
| Flat jet nozzle, 15060               | 33 | 5.765-263.0 | 15° flat jet nozzle 15059 for high-pressure cleaner HD 18/50. Suitable for working pressures of up to 500 bar and 1,800 l/h.                         | <input checked="" type="checkbox"/> |
| Flat jet nozzle, 15075               | 34 | 2.113-073.0 | 15° flat jet nozzle 15075 for high-pressure cleaner HD 18/50. Reduces the water pressure from 500 to 350 bar while retaining flow rate of 1,800 l/h. | <input type="checkbox"/>            |
| Flat jet nozzle, 15095               | 35 | 2.113-075.0 | 15° flat jet nozzle 15095 for high-pressure cleaner HD 18/50. Reduces the water pressure from 500 to 250 bar while retaining flow rate of 1,800 l/h. | <input type="checkbox"/>            |
| Flat jet nozzle, 15120               | 36 | 2.113-077.0 | 15° flat jet nozzle 15120 for high-pressure cleaner HD 18/50. Reduces the water pressure from 500 to 150 bar while retaining flow rate of 1,800 l/h. | <input type="checkbox"/>            |
| Point jet nozzle, 0059               | 37 | 5.765-264.0 | Point jet nozzle 0059 for high-pressure cleaner HD 18/50. Suitable for working pressures of up to 500 bar and 1,800 l/h.                             | <input type="checkbox"/>            |
| Point jet nozzle, 075                | 38 | 2.113-074.0 | Point jet nozzle 075 for high-pressure cleaner HD 18/50. Reduces the water pressure from 500 to 350 bar while retaining flow rate of 1800 l/h.       | <input type="checkbox"/>            |
| Point jet nozzle, 095                | 39 | 2.113-076.0 | Point jet nozzle 095 for high-pressure cleaner HD 18/50. Reduces the water pressure from 500 to 250 bar while retaining flow rate of 1800 l/h.       | <input type="checkbox"/>            |
| Point jet nozzle, 120                | 40 | 2.113-078.0 | Point jet nozzle 120 for high-pressure cleaner HD 18/50. Reduces the water pressure from 500 to 150 bar while retaining flow rate of 1800 l/h.       | <input type="checkbox"/>            |
| <b>Screw nozzles F21</b>             |    |             |                                                                                                                                                      |                                     |
| Dummy nozzle F21                     | 41 | 6.025-237.0 | F21 screw-on dummy nozzle. Suitable for working pressures of up to 3,000 bar.                                                                        | <input type="checkbox"/>            |
| Round jet nozzle F21, Saphir, 0,7 mm | 42 | 6.025-222.0 | Screw-on F21 sapphire round jet nozzle with a diameter of 0.70 mm. Suitable for working pressures of up to 3,000 bar.                                | <input type="checkbox"/>            |

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|                                                 |    | Order no.   | Description                                                                                                                                                    |                          |
|-------------------------------------------------|----|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>PROTECTIVE CLOTHING</b>                      |    |             |                                                                                                                                                                |                          |
| HD Overall size M                               | 43 | 6.547-055.0 | High-pressure protective suit for safe working with high-pressure water jets of up to 1000 bar.                                                                | <input type="checkbox"/> |
| High-pressure protective suit, size L           | 44 | 6.547-056.0 | Particularly lightweight design which feels comfortable to wear and provides excellent freedom of movement.                                                    | <input type="checkbox"/> |
| HD Overall size XL                              | 45 | 6.547-057.0 |                                                                                                                                                                | <input type="checkbox"/> |
| <b>ROTARY NOZZLES</b>                           |    |             |                                                                                                                                                                |                          |
| <b>Single-jet rotary nozzles</b>                |    |             |                                                                                                                                                                |                          |
| Power Rotary Jet F9 060, 060, 1.5 mm            | 46 | 6.415-070.0 | 500 bar, 1.50 mm, 1800 l/h, M 20 × 1, stainless steel.                                                                                                         | <input type="checkbox"/> |
| Repair set Power Rotary Jet F9 060, 060, 1.5 mm | 47 | 6.812-001.0 | Repair set, comprising rotor, fitting and O-ring for Power Rotary Jet. Suitable for up to 500 bar pressure and water volume of 1800 litres/hour.               | <input type="checkbox"/> |
| Power rotary jet repair kit F9                  | 48 | 6.025-526.0 | Repair kit for power rotary jet, order no. 6.415-060.0. Suitable for 500 bar pressure and 1,800 l/h water flow rate. Includes rotor, seat and O-ring (28 × 2). | <input type="checkbox"/> |
| <b>Multi-jet rotary nozzles</b>                 |    |             |                                                                                                                                                                |                          |
| Nozzle body                                     | 49 | 9.917-677.0 | Rotary transmission lead-through with infinitely variable speed control. Includes protective pipe.                                                             | <input type="checkbox"/> |
| Nozzle carrier head TD06                        | 50 | 9.886-875.0 | 6-jet nozzle carrier head for F21 nozzle. Suitable for working pressures of up to 3,000 bar. 30° spray angle, includes guard and flow conditioner.             | <input type="checkbox"/> |

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