

## HDS 1000 DE

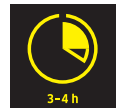
Hot water high-pressure cleaner with Yanmar diesel engine



Made in Germany



Stage V



3-4 h

Order no.

1.811-943.0

- Energy-saving EASY!Force high-pressure gun for fatigue-free work

### Technical data

|                                      |           |                    |
|--------------------------------------|-----------|--------------------|
| EAN code                             |           | 4054278169316      |
| Flow Rate                            | l/h       | 450 - 900          |
| Operating pressure                   | bar / MPa | 40 - 200 / 4 - 20  |
| Temperature (supply 12°C)            | °C        | min. 80 - max. 98  |
| Consumption of fuel oil at full load | kg/h      | 5.6                |
| Nozzle size                          |           | 048                |
| Fuel tank                            | l         | 34                 |
| Fuels                                |           | Light oil / Diesel |
| Drive type                           |           | Diesel             |
| Motor manufacturer                   |           | Yanmar             |
| Motor type                           |           | L 100 V            |
| Number of users at one time          |           | 1                  |
| Mobility                             |           | stationary         |
| Weight (with accessories)            | kg        | 188.3              |
| Weight incl. packaging               | kg        | 194.1              |
| Dimensions (L × W × H)               | mm        | 1100 × 750 × 785   |

This machine requires instruction.

### Scope of supply

Spray gun: EASY!Force Advanced  
Power nozzle  
Servo Control

### Equipment

High-pressure hose length: 15 m  
High-pressure hose type: Premium quality  
High-pressure hose specification: DN 8, 315 bar  
Cage frame  
Electric starter  
Sturdy tubular steel frame for handling with crane



## Optimum ease of use

- Automatic burner cut-out in case of water shortage, overheating protection.
- Ergonomically designed trigger gun for ease of use.



## Maximum performance

- High-output burner with upright heating coil and continuous ignition without deflagration.
- For removing stubborn deposits.
- Two integrated diesel and petrol tanks allow long run times.



## Economical, diesel-powered combustion engine

- Complies with the requirements of exhaust emissions standard EU STAGE V.
- Electric starter for effortless starting.

## EQUIPMENT FOR HDS 1000 DE 1.811-943.0



|   |    | Order no.   | Description  |   |
|---|----|-------------|--|---|
| <b>TRIGGER GUNS</b>                                   |    |             |  |   |
| <b>Trigger guns</b>                                   |    |             |  |   |
| EASY!Force Advanced                                   | 1  | 4.118-005.0 | Effortless, not energy-sapping: the EASY!Force high-pressure gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero.                                | ■ |
| EASY!Force conversion kit 1 - from high-pressure hose | 2  | 4.111-050.0 | For retrofitting Kärcher high-pressure cleaners with existing high-pressure hose: EASY!Force conversion kit 1 with EASY!Force high-pressure gun, spray lance and all adapters through to the nozzle. | □ |
| EASY!Force conversion kit 2 - from machine            | 3  | 4.111-051.0 | Developed for retrofitting existing high-pressure cleaners from Kärcher: EASY!Force conversion kit 2 with EASY!Force high-pressure gun, spray lance, high-pressure hose and necessary adapters.      | □ |
| EASY!Force conversion kit 3 - high-pressure gun       | 4  | 4.111-052.0 | Compatible with existing high-pressure hose and spray lance: EASY!Force conversion kit 3, incl. EASY!Force trigger gun and all necessary adapters for upgrading your high-pressure cleaner.          | □ |
| <b>Servo Control</b>                                  |    |             |  |   |
| Servo Control, 750 l/h - 1100 l/h                     | 5  | 4.118-008.0 | Water quantity and pressure regulated directly from the hand spray gun.  | ■ |
| <b>SPRAY LANCES</b>                                   |    |             |  |   |
| <b>Rotating spray lances</b>                          |    |             |  |   |
| Spray lance, 1050 mm, rotatable                       | 6  | 4.112-000.0 | 1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.   | ■ |
| LED nozzle light                                      | 7  | 2.680-002.0 | Bright, lightweight LED work light for direct mounting on spray lance of EASY!Force high-pressure gun. Better view in unfavourable lighting conditions for up to 5 working hours.                    | □ |
| Spray lance, 250 mm, rotatable                        | 8  | 4.112-027.0 | Spray lance, 250 mm, rotatable, ergonomic  | □ |
| Spray lance, 400 mm, rotatable                        | 9  | 4.112-024.0 | Spray lance, 400 mm, rotatable, ergonomic  | □ |
| Spray lance, 600 mm, rotatable                        | 10 | 4.112-007.0 | 600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.  | □ |
| Spray lance, 840 mm, rotatable                        | 11 | 4.112-006.0 | 850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.  | □ |
| Spray lance, 1550 mm, rotatable                       | 12 | 4.112-018.0 | 1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.   | □ |
| Spray lance, 2050 mm, rotatable                       | 13 | 4.112-021.0 | 2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.   | □ |
| Spray lance extender, 1000 mm                         | 14 | 4.112-048.0 | Spray lance extension with EASY!Lock connection. Length 1000 mm.   | □ |

■ Included in delivery. □ Available accessories.

## EQUIPMENT FOR HDS 1000 DE 1.811-943.0



|   |    | Order no.   | Description   |                                     |
|---|----|-------------|---|-------------------------------------|
| <b>SPRAY LANCES</b>                                     |    |             |   |                                     |
| <b>Double lance</b>                                     |    |             |   |                                     |
| Double lance, 960 mm                                    | 15 | 2.112-016.0 | 960 mm double lance for variable pressure adjustment on handle at full water flow rate. Suitable for agricultural use ( e.g. stable cleaning).  | <input type="checkbox"/>            |
| <b>Angular spray lance</b>                              |    |             |   |                                     |
| WC and gutter lance                                     | 16 | 4.112-029.0 | Stainless steel lance WC and gutter with nozzle insert. Specially shaped for effective and hygienic cleaning of gutters and toilets.  | <input type="checkbox"/>            |
| <b>Flexible spray lance</b>                             |    |             |   |                                     |
| Flexible lance, 1050 mm                                 | 17 | 4.112-035.0 | 1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.  | <input type="checkbox"/>            |
| High pressure articulated joint                         | 18 | 4.112-057.0 | For hard-to-reach areas: High-pressure articulated joint with infinite angle adjustment up to 120°. Simply attach directly to the spray lance of the pressure washer.   | <input type="checkbox"/>            |
| <b>Gutter cleaner</b>                                   |    |             |   |                                     |
| Gutter cleaning lance                                   | 19 | 2.112-015.0 | The lance is suited for cleaning of gutter systems. Because of the shape of the lance and the special nozzle the gutter can be cleaned without removing the cover plates.   | <input type="checkbox"/>            |
| <b>Undercarriage spray lance</b>                        |    |             |   |                                     |
| Underbody lance   | 20 | 4.112-032.0 | Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.   | <input type="checkbox"/>            |
| <b>Additional handle</b>                                |    |             |   |                                     |
| Additional handle for EASY!Lock spray lances            | 21 | 4.321-380.0 | Comfortable in every situation - the additional handle is easy to attach to the spray lance of our new EASY!Lock generation and makes work easier by allowing you to adjust your posture to suit the particular task. | <input type="checkbox"/>            |
| <b>KÄRCHER POWER NOZZLE</b>                             |    |             |   |                                     |
| <b>Power nozzle spray angle 25°</b>                     |    |             |   |                                     |
| Power Nozzle , 048                                      | 22 | 2.113-010.0 | Fan jet nozzle for large-area coverage and stubborn dirt and stains.  | <input checked="" type="checkbox"/> |
| <b>HP nozzle spray angle 0°</b>                         |    |             |   |                                     |
| Power nozzle 0°, 050                                    | 23 | 2.113-034.0 | High-pressure nozzle with powerful jet for extremely stubborn dirt.   | <input type="checkbox"/>            |
| <b>Power nozzle spray angle 15°</b>                     |    |             |   |                                     |
| Power nozzle 15°, 055                                   | 24 | 2.113-047.0 | Fan jet nozzle with 15° spray angle suitable for stubborn dirt.   | <input type="checkbox"/>            |
| <b>Power nozzle spray angle 40°</b>                     |    |             |   |                                     |
| Power Nozzle 40°, 050                                   | 25 | 2.113-054.0 | Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.   | <input type="checkbox"/>            |
| <b>HIGH-PRESSURE HOSES</b>                              |    |             |   |                                     |
| <b>Standard with unions on both sides</b>               |    |             |   |                                     |
| High-pressure hose, 15 m, ID 8, 315 bar, 2 × EASY!Lock  | 26 | 6.110-030.0 | 15 m long high-pressure hose, DN 8, with ANTI!Twist and time-saving EASY!Lock manual screw fitting on both sides.   | <input checked="" type="checkbox"/> |
| High-pressure hose, 10 m, ID 10, 220 bar, 2 × EASY!Lock | 27 | 6.110-041.0 | Impressive values and basic equipment: 10 m long high-pressure hose (DN 10) developed for pressures up to 220 bar.  | <input type="checkbox"/>            |
| High-pressure hose, 10 m, ID 8, 315 bar, 2 × EASY!Lock  | 28 | 6.110-031.0 | High-pressure hose (DN 8) suitable up to 315 bar pressure. With innovative EASY!Lock manual screw fitting on both sides, ANTI!Twist and 10 m long.  | <input type="checkbox"/>            |

■ Included in delivery. □ Available accessories.

## EQUIPMENT FOR HDS 1000 DE 1.811-943.0



|  | Order no. | Description |  |                          |
|--|-----------|-------------|--|--------------------------|
| <b>HIGH-PRESSURE HOSES</b>   |           |             |  |                          |
| <b>Standard with unions on both sides</b>  |           |             |  |                          |
| High-pressure hose, 20 m, ID 8, 315 bar, 2 × EASY!Lock                           | 29        | 6.110-032.0 | 20 m long high-pressure hose (DN 8) equipped with the time-saving and robust EASY!Lock manual screw fitting on both sides. Approved for pressures up to 315 bar.   | <input type="checkbox"/> |
| High-pressure hose, 30 m, ID 8, 315 bar, 2 × EASY!Lock                           | 30        | 6.110-014.0 | Comfortable length (30 m) and innovative EASY!Lock manual screw fitting: High-pressure hose (DN 8) with ANTI!Twist for pressures up to 315 bar.  | <input type="checkbox"/> |
| High-pressure hose, 15 m, ID 10, 220 bar, 2 × EASY!Lock                          | 31        | 6.110-042.0 | Equipped with innovative EASY!Lock manual screw fitting and suitable for pressures up to 220 bar: 15 m long high-pressure hose (DN 10).  | <input type="checkbox"/> |
| High-pressure hose, 20 m, ID 10, 220 bar, 2 × EASY!Lock                          | 32        | 6.110-043.0 | 20 m in length and the extremely time-saving and comfortable EASY!Lock manual screw fitting on both sides are some of the main features of this high-pressure hose (DN 10).  | <input type="checkbox"/> |
| High-pressure hose, 25 m, ID 10, 220 bar, 2 × EASY!Lock                          | 33        | 6.110-044.0 | Impressive values and basic equipment: 25 m long high-pressure hose (DN 10) developed for pressures up to 220 bar.   | <input type="checkbox"/> |
| High-pressure hose, 15 m, ID 12, 210 bar, 2 × EASY!Lock                          | 34        | 6.110-059.0 | Designed for working pressures up to 250 bar: High-pressure hose (DN 12) with a length of 15 m. Has the comfortable EASY!Lock manual screw fitting on both sides.  | <input type="checkbox"/> |
| High-pressure hose, 40 m, ID 12, 210 bar, 2 × EASY!Lock                          | 35        | 6.110-060.0 | With EASY!Lock manual screw fitting and lots of room for manoeuvre thanks to 40 m in length: High-pressure hose (DN 12) with EASY!Lock manual screw fitting on both sides. Suitable for working pressures up to 250 bar. | <input type="checkbox"/> |
| <b>Longlife 400 with unions on both sides</b>                                    |           |             |  |                          |
| High-pressure hose Longlife, 1,5 m, ID 8, 400 bar, 2 × EASY!Lock                 | 36        | 6.110-024.0 | 1.5 m short high-pressure hose (DN 8). Comfortable EASY!Lock manual screw fitting on both sides for robust and quick connections. Durable and designed for up to 400 bar pressure.                                       | <input type="checkbox"/> |
| High-pressure hose Longlife, 1,5 m, ID 8, 400 bar, 1 × EASY!Lock / 1 × M22 × 1,5 | 37        | 6.110-069.0 | 1.5 m long high-pressure hose (DN 8) suitable for up to 400 bar pressure with double steel core. Connections: M 22 × 1,5, as well as the comfortable and quick EASY!Lock manual screw fitting.                           | <input type="checkbox"/> |
| High-pressure hose Longlife, 10 m, ID 8, 400 bar, 2 × EASY!Lock                  | 38        | 6.110-038.0 | Durable, 10 m long high-pressure hose (DN 8) with double steel core and EASY!Lock manual screw fitting on both sides and ANTI!Twist. Approved for 400 bar pressure.  | <input type="checkbox"/> |
| High-pressure hose Longlife, 30 m, ID 8, 400 bar, 2 × EASY!Lock                  | 39        | 6.110-023.0 | Robust high-pressure hose with double steel core, ANTI!Twist and EASY!Lock manual screw fitting on both sides. Nominal size DN 8, 30 m long, for up to 400 bar pressure.   | <input type="checkbox"/> |
| High-pressure hose Longlife, 20 m, ID 8, 400 bar, 2 × EASY!Lock                  | 40        | 6.110-027.0 | High-pressure hose with ANTI!Twist, EASY!Lock manual screw fittings and double steel core. 20 m long, nominal size DN 8, EASY!Lock manual screw fitting on both sides.   | <input type="checkbox"/> |
| High-pressure hose Longlife, 15 m, ID 8, 400 bar, 2 × EASY!Lock                  | 41        | 6.110-029.0 | The double steel core ensures a particularly long life of this 15 m long high-pressure hose (DN 8), which is approved for pressures up to 400 bar.   | <input type="checkbox"/> |
| <b>Longlife food industry version with unions on both sides</b>                  |           |             |  |                          |
| High-pressure hose food grade Longlife, 10 m, ID 8, 400 bar, 2 × EASY!Lock       | 42        | 6.110-053.0 | With blue, non-marking and animal fat resistant outer covering: durable high-pressure hose (ID 8), 10 m long, ANTI!Twist and EASY!Lock hand screw connection at both ends.   | <input type="checkbox"/> |

Available accessories.

## EQUIPMENT FOR HDS 1000 DE 1.811-943.0



|  |    | Order no.   | Description   |                          |
|--|----|-------------|---|--------------------------|
| <b>ROTARY NOZZLES (DIRT BLASTERS)</b>                    |    |             |   |                          |
| <b>Dirt blaster, large</b>                               |    |             |   |                          |
| Dirt blaster Vibrasoft, 050                              | 43 | 4.114-066.0 | Vibrasoft rotary nozzle with rotating point jet for ten times greater cleaning performance. Durable dirt blaster thanks to ceramic nozzle. Reduces vibrations by up to 30% for maximum ergonomics.        | <input type="checkbox"/> |
| Dirt blaster, large, 050                                 | 44 | 4.114-027.0 | The dirt blaster with rotating pencil jet offers 10 times better cleaning performance. Ceramic nozzle and bearing ring for a long service life. Further data: Max. 300 bar, 30 MPa, 85°C.                 | <input type="checkbox"/> |
| <b>ECO!BOOSTER</b>                                       |    |             |   |                          |
| eco!Booster TR 050                                       | 45 | 2.113-088.0 | eco!Booster with 50% higher area performance than the Kärcher power nozzle; ideal for delicate surfaces. For cold and hot water high-pressure cleaners (nozzle size 050).                                 | <input type="checkbox"/> |
| EcoBooster MAX TR 050                                    | 46 | 2.113-097.0 | Maximum efficiency and versatility in professional cleaning. The eco!Booster MAX offers more than double the area performance and ergonomic handling.   | <input type="checkbox"/> |
| <b>QUICK CONNECT</b>                                     |    |             |   |                          |
| Quick-fitting pipe union coupler trapezo                 | 47 | 2.115-000.0 | For fast changes between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface. With M 22 x 1.5 internal thread.                             | <input type="checkbox"/> |
| Quick-fitting pipe union plug nipple tra                 | 48 | 2.115-001.0 | Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 x 1.5 external thread.   | <input type="checkbox"/> |
| <b>DRUM AND TANK CLEANING</b>                            |    |             |   |                          |
| Add-on kit mud sucker                                    | 49 | 2.641-798.0 | For connection to the high-pressure hose of Kärcher high-pressure cleaners: Powerful sludge suction cleaner for the retrofitting of high-pressure cleaners to dirt pumps.                                 | <input type="checkbox"/> |
| <b>OTHER HP ACCESSORIES</b>                              |    |             |   |                          |
| Jet gun  | 50 | 2.869-067.0 | Short set-up time, easy transport, instant switch off - the jet gun is the affordable cleaning method for all kinds of small to medium-sized areas. Adjustable pressure/water volume.                     | <input type="checkbox"/> |
| <b>SEALS FOR TRAPEZOIDAL THREAD</b>                      |    |             |   |                          |
| Spare part set seals TR                                  | 51 | 2.880-001.0 |   | <input type="checkbox"/> |
| <b>STEAM NOZZLE / NOZZLE PROTECTOR / ROLLOVER NOZZLE</b> |    |             |   |                          |
| <b>Rollover nozzle holder</b>                            |    |             |   |                          |
| Ball Nozzle Holder                                       | 52 | 4.764-012.0 | Rollover nozzle holder for contactless changeover from pencil jet to fan jet as well as low-pressure detergent injection via knurled nut. Without nozzle insert. (Additional type-specific power nozzle). | <input type="checkbox"/> |
| <b>NOZZLE UNION / SPACER</b>                             |    |             |   |                          |
| <b>Nozzle union</b>                                      |    |             |   |                          |
| Nozzle screws  | 53 | 4.112-011.0 | Nozzle screws with protectors for high-pressure and power nozzles   | <input type="checkbox"/> |
| <b>PIPE CLEANING</b>                                     |    |             |   |                          |
| <b>Pipe cleaning hose, ID 6</b>                          |    |             |   |                          |
| Hose assembly TR pipe cleaning DN6 max.2                 | 54 | 6.110-046.0 | The 10 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).  | <input type="checkbox"/> |
| Pipe cleaning hose, DN 6, 20 m, 220 bar                  | 55 | 6.110-008.0 | The 20 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).  | <input type="checkbox"/> |
| Hose assembly TR pipe cleaning DN6 max.2                 | 56 | 6.110-047.0 | The 30 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).  | <input type="checkbox"/> |

Available accessories.

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|   |    | Order no.   | Description  |                          |
|---|----|-------------|--|--------------------------|
| <b>PIPE CLEANING</b>                        |    |             |  |                          |
| <b>Pipe cleaning nozzle</b>                 |    |             |  |                          |
| Dirt blaster pipe cleaning D21/060          | 57 | 4.765-002.0 | The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient handling.                            | <input type="checkbox"/> |
| Dirt blaster pipe cleaning D30/060          | 58 | 4.765-005.0 |  | <input type="checkbox"/> |
| Pipe cleaning nozzle                        | 59 | 5.763-015.0 | 16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.   | <input type="checkbox"/> |
|   | 60 | 5.763-016.0 |  | <input type="checkbox"/> |
|   | 61 | 5.763-017.0 | Pipe cleaning nozzle with inner thread. Different spray directions. The hose moves freely through the pipe. (R 1/8" connection, 3 × 30° backwards, diameter 30 mm.)                                      | <input type="checkbox"/> |
| Rotating pipe cleaning nozzle               | 62 | 6.415-428.0 | Pipe cleaning nozzle with four rotating jets and inner thread. Different spray directions. The hose moves freely through the pipe. With R 1/8" connection.   | <input type="checkbox"/> |
| <b>FLOOR AND HARD SURFACE CLEANER</b>       |    |             |  |                          |
| <b>Hard Surface Cleaner FRV 30</b>          |    |             |  |                          |
| Add-on kit hose attachment                  | 63 | 2.642-528.0 | Suction cup for fixing the suction hose to smooth surfaces.  | <input type="checkbox"/> |
| Add-on kit dirt trap                        | 64 | 2.642-532.0 | Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.   | <input type="checkbox"/> |
| <b>Hard surface cleaner FR 30 ME</b>        |    |             |  |                          |
| FR 30 ME surface cleaner                    | 65 | 2.111-013.0 | Hot water resistant stainless steel surface cleaner with double ceramic bearings, non-marking swivel castors and suction hose connection. Ideal for indoor cleaning, e.g. food industry.                 | <input type="checkbox"/> |
| <b>Hard Surface Cleaner FR 50</b>           |    |             |  |                          |
| FR 50 surface cleaner                       | 66 | 2.111-023.0 | Hot water resistant stainless steel surface cleaner with 500 mm working width. Ideal for large areas. With double ceramic bearings, push handle, non-marking swivel castors and detergent dosing system. | <input type="checkbox"/> |
| <b>Machine-specific nozzle kit for FR</b>   |    |             |  |                          |
| Nozzle kit for FR, 850 l/h - 1100 l/h       | 67 | 2.640-442.0 | Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (850 to 1100 l/h).  | <input type="checkbox"/> |
| <b>Machine-specific nozzle kits for FRV</b> |    |             |  |                          |
| Nozzle kit for FRV, 050                     | 68 | 2.642-433.0 | Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.  | <input type="checkbox"/> |
| <b>Hard surface cleaner FRV 30 Me</b>       |    |             |  |                          |
| FRV 30 Me Surface Cleaner                   | 69 | 2.111-012.0 | Thanks to automatic suction of the dirty water, the stainless steel FRV 30 Me Surface Cleaner makes surface cleaning more efficient in both inside and outside areas. Hot water cleaning up to 85°C.     | <input type="checkbox"/> |
| Extension hose FRV 30 Me and FRV 50 Me      | 70 | 4.441-040.0 | 5 m extension hose for FRV 30 Me. Includes connecting adapter.   | <input type="checkbox"/> |

Available accessories.

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|  |    | Order no.   | Description  |                          |
|--|----|-------------|--|--------------------------|
| <b>FOAM SYSTEMS</b>  |    |             |  |                          |
| <b>Cup foam lance</b>  |    |             |  |                          |
| Cup foam lance Advanced 3, 900 l/h - 2500 l/h                  | 71 | 4.112-065.0 | Specially designed for use with aggressive cleaning agents: High-quality cup foam lance Advanced 3 with spray angle adjustment and Eco brass for high-pressure cleaners from Kärcher.  | <input type="checkbox"/> |
| Cup foam lance DUO Advanced 3, 900 l/h - 2500 l/h              | 72 | 4.112-069.0 | DUO Advanced 3 cup foam lance, designed for use with aggressive detergents. With instant switching to high-pressure cleaning, spraying angle adjustment and two-litre tank.  | <input type="checkbox"/> |
| Cup foam lance Basic 3, 900 l/h - 2500 l/h                     | 73 | 4.112-055.0 | For high-pressure cleaners with a flow rate of 900-2500 l/h: new, robust and very high-quality foam cup lance with outstanding foam quality while consuming half as much cleaning agent.   | <input type="checkbox"/> |
| 1-litre cleaning agent container for cup foam lance basic      | 74 | 5.071-414.0 | For the quick change of the cleaning agent: Additional 1 litre cleaning agent container for basic cup foam lance.  | <input type="checkbox"/> |
| 1-litre cleaning agent container for cup foam lance advanced   | 75 | 6.414-050.0 | Additional 1-litre cleaning agent container for quick replacement of the cleaning agent (for foam lance 2.112-017.0 and 2.112-018.0).  | <input type="checkbox"/> |
| <b>Inno Foam Set</b>   |    |             |  |                          |
| Inno foam kit with detergent injector                          | 76 | 2.112-000.0 | High-pressure foam system with double lance (foam nozzle and high-pressure jet for rinsing). For use with mobile and stationary high-pressure and HDS pressure cleaners for cleaning or disinfection.                                  | <input type="checkbox"/> |
| Inno foam kit  | 77 | 2.112-008.0 |  | <input type="checkbox"/> |
| <b>Easy Foam Set</b>   |    |             |  |                          |
| Easy Foam Set with RM injector                                 | 78 | 2.112-010.0 | HP foam system for use with HD/HDS units for cleaning and disinfecting. Foam nozzle for connection to lance and HP chemical injector with precision 0-5% metering valve. The machine specific nozzle kit has to be ordered separately. | <input type="checkbox"/> |
| Easy foam set  | 79 | 2.112-011.0 |  | <input type="checkbox"/> |
| <b>Nozzle kits for Inno/Easy Foam Set</b>                      |    |             |  |                          |
| Nozzle kit 090 Inno/Easy kit 700 - 1000 l/h                    | 80 | 2.111-019.0 | Nozzle kit contains Kärcher power nozzles and nozzle inserts. For Inno/Easy-Foam set 700-1000 l/h. For optimal foam system performance.  | <input type="checkbox"/> |
| <b>Foam nozzle mounting kit</b>                                |    |             |  |                          |
| Foam nozzle kit  | 81 | 2.112-013.0 | Foaming agent kit. The foam nozzle is ideal for use in sanitary areas and the food industry and wherever long application times are necessary.   | <input type="checkbox"/> |
| <b>MIXERS AND INJECTORS</b>                                    |    |             |  |                          |
| <b>HP detergent injector</b>                                   |    |             |  |                          |
| Detergent injector for high and low pressure (without nozzles) | 82 | 4.637-032.0 | Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.   | <input type="checkbox"/> |
| Detergent injector for high pressure                           | 83 | 4.637-033.0 | Cleaning agent dosage at high pressure 3 - 5 %   | <input type="checkbox"/> |
| <b>Machine-specific nozzle kit with order no. 3.637-170</b>    |    |             |  |                          |
| Nozzle insert trapezoidal thread HDS-GER                       | 84 | 4.769-011.0 | For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + HP power nozzle + union   | <input type="checkbox"/> |

Available accessories.

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|   | Order no. | Description |   |                          |
|---|-----------|-------------|---|--------------------------|
| <b>MIXERS AND INJECTORS</b>   |           |             |   |                          |
| <b>Machine-specific nozzle kit with order no. 3.637-170</b>                       |           |             |   |                          |
| Machine-specific nozzle kit with order no. 3.637-170.0 750-1000 l/h               | 85        | 4.769-047.0 | For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + HP power nozzle + union  | <input type="checkbox"/> |
| <b>Nozzle insert with order no. 3.637-001</b>                                     |           |             |   |                          |
| Nozzle insert for Order No. 3.637-001, high-pressure for machines up to 1100 l/h. | 86        | 4.769-003.0 | Nozzle insert for detergent injector 3.637-001 for high-pressure detergent application. For high-pressure cleaners with a water flow rate up to 1100 l/h. | <input type="checkbox"/> |
| Low pressure for units rated up to 1100 l/h                                       | 87        | 4.769-001.0 | For low pressure with machines up to 1.100 l/h  | <input type="checkbox"/> |
| <b>COUPLING PARTS</b>   |           |             |   |                          |
| <b>Rotary coupling</b>  |           |             |   |                          |
| Rotary coupling   | 88        | 4.111-021.0 | Reliably prevents twisting of HP hoses. Connection Easy!Lock. Handle protection   | <input type="checkbox"/> |
| <b>Connector</b>  |           |             |   |                          |
| Nozzle connector/screw connector  | 89        | 4.111-022.0 | For attaching high-pressure nozzles and accessory parts to the HD trigger gun (with nozzle screws) - 1 x M 22 x 1.5/1 x M 18 x 1.5.                       | <input type="checkbox"/> |
| Y distributor   | 90        | 4.111-024.0 | Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.  | <input type="checkbox"/> |
| Short spray unit  | 91        | 4.111-038.0 | For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). Not compatible with triple nozzles.                       | <input type="checkbox"/> |
| <b>Adapter EASY!Lock</b>  |           |             |   |                          |
| Adapter 1 M22AG-TR22AG  | 92        | 4.111-029.0 | Adapter 1 to connect the old hose with the new hose   | <input type="checkbox"/> |
| Adapter 2 M22IG-TR22AG  | 93        | 4.111-030.0 | Adapter 2 to connect the old device with the new hose and the old gun with the new hose   | <input type="checkbox"/> |
| Adapter 3 M22IG-TR22AG  | 94        | 4.111-031.0 | Adapter 3 to connect the old gun with the new spray lance and new servo regulator   | <input type="checkbox"/> |
| Adapter M22 - Swivel  | 95        | 4.111-032.0 | Adapter 4 to connect the new gun with the old swivel hose   | <input type="checkbox"/> |
| Adapter 5 TR22IG-M22AG  | 96        | 4.111-033.0 | Adapter 5 to connect the new gun with the old spray lance and new servo regulator with the old spray lance  | <input type="checkbox"/> |
| Adapter 6 TR22IG-M22AG  | 97        | 4.111-034.0 | Adapter 6 to connect the new device with the old hose and the old hose with the new gun   | <input type="checkbox"/> |
| Adapter 7 M18IG-TR20AG  | 98        | 4.111-035.0 | Adapter 7 to connect the old spray lance with the new nozzle  | <input type="checkbox"/> |

Available accessories.

## EQUIPMENT FOR HDS 1000 DE 1.811-943.0



|  |     | Order no.   | Description   |                          |
|--|-----|-------------|---|--------------------------|
| <b>COUPLING PARTS</b>  |     |             |   |                          |
| <b>Adapter EASY!Lock</b>   |     |             |   |                          |
| Adapter 8 TR20IG-M18AG   | 99  | 4.111-036.0 | Adapter 8 to connect the new spray lance with the old nozzle  | <input type="checkbox"/> |
| Coupler -2xTR22 - EASY!Lock  | 100 | 4.111-037.0 | Adapter 9 to connect the new hose with the new hose   | <input type="checkbox"/> |
| ADAPTER for replacement TR22IG-M22AG Er                            | 101 | 4.111-046.0 | Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection  | <input type="checkbox"/> |
| <b>HOSE REELS</b>  |     |             |   |                          |
| <b>Hose reel add-on kit</b>  |     |             |   |                          |
| Hose reel attachment kit for HDS gasoline machines, 20 m           | 102 | 2.110-005.0 | Hose reel attachment kit for installation on the machine. For safe and tidy storage of high-pressure hoses (with connection hose to machine HP outlet). Rotatable under pressure with connection 22 x 1.5.                            | <input type="checkbox"/> |
| <b>Automatic, self-winding hose reels</b>                          |     |             |   |                          |
| Automatic plastic hose reel incl. high-pressure hose, 15 m         | 103 | 2.639-257.0 | Spring-mounted and ready-to-use automatic hose reel for wall mounting. Simplifies handling of the high-pressure hose, shortens set-up times and increases occupational safety.  | <input type="checkbox"/> |
| Automatic hose reel, powder-coated steel / plastic, 20 m           | 104 | 6.392-074.0 | Automatic hose reel for 20 m high-pressure hose. The console is made from powder-coated steel, the drum is made from plastic.   | <input type="checkbox"/> |
| Automatic stainless steel / synthetic material hose drum, 20 m     | 105 | 6.392-083.0 | Automatic hose reel for 20 m high-pressure hose. The console consists of stainless steel, the drum is made from plastic.  | <input type="checkbox"/> |
| Automatic hose reel, coated, 20 m                                  | 106 | 6.392-106.0 | Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.  | <input type="checkbox"/> |
| Hose reel, automatic, basalt grey-coated, 20 m                     | 107 | 6.392-105.0 | Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses.  | <input type="checkbox"/> |
| Automatic hose reel, stainless steel, includes swivel holder, 20 m | 108 | 6.392-076.0 | Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.  | <input type="checkbox"/> |
| Automatic stainless steel hose reel, 40 m                          | 109 | 6.392-442.0 | Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses. Compatible high-pressure hose, e.g. order no. 6.110-076.0 (ID 8, 40 m, 400 bar, 1x hose reel connection attachment kit). | <input type="checkbox"/> |
| Powder-coated swivel holder  | 110 | 2.639-931.0 | Swivel holder for automatic hose reel wall mounting. For maximum action radius and flexibility of high-pressure hose. Rotatable 120°. Galvanised steel.   | <input type="checkbox"/> |
| Stainless steel swivel holder                                      | 111 | 2.641-867.0 | Swivelling wall bracket made of high-grade steel (for 2.641-866). This makes maximum flexibility and convenience possible when working with the HP hose.  | <input type="checkbox"/> |
| <b>FACADE AND SOLAR PANEL CLEANING</b>                             |     |             |   |                          |
| <b>Brushes</b>   |     |             |   |                          |
| Drive for roller brush 500   | 112 | 4.762-584.0 | Hydraulic drive for rotating roller brushes. For cleaning façades or solar power installations with our professional high-pressure cleaners. Installation on spray lance or telescopic lance.   | <input type="checkbox"/> |

Available accessories.

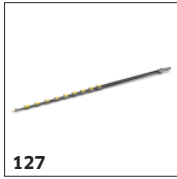
## EQUIPMENT FOR HDS 1000 DE 1.811-943.0



|  |     | Order no.   | Description  |                          |
|--|-----|-------------|--|--------------------------|
| <b>FACADE AND SOLAR PANEL CLEANING</b> |     |             |  |                          |
| <b>Brushes</b>                         |     |             |  |                          |
| Splash guard for roller brush 500      | 113 | 4.762-621.0 | Splash guard with velcro fastening for rotating roller brush. Clear view of the brush thanks to transparent film, with protection against splashes at the same time.                                   | <input type="checkbox"/> |
| Roller brush 500 soft                  | 114 | 4.762-623.0 | Soft brush attachment for use with hydraulic drive (4.762-584.0). Ideal for glass and solar power installation cleaning. Easy quick-change system and secure mounting on drive.                        | <input type="checkbox"/> |
| Roller brush 500 medium                | 115 | 4.762-624.0 | Medium-hard brush attachment for use with hydraulic drive (4.762-584.0). Suitable for sensitive façades, foils and fabrics. Easy and safe quick-change system.   | <input type="checkbox"/> |
| Roller brush 500 hard                  | 116 | 4.762-625.0 | Hard brush attachment for use with hydraulic drive (4.762-584.0). For rough façades, stone and wooden patios. Safe and easy quick-change system.   | <input type="checkbox"/> |
| Brush hard                             | 117 | 6.960-133.0 | Brush with hard bristles for cleaning industry façades and floor coverings and removing coarse dirt. Simple installation on telescopic lances or high-pressure lances from Kärcher.                    | <input type="checkbox"/> |
| Brush medium                           | 118 | 6.960-134.0 | Optimally cleans façades, roller shutters and textile fabrics: the brush with medium-hard bristles for fast and simple attachment to telescopic lances or high-pressure lances from Kärcher.           | <input type="checkbox"/> |
| Brush soft                             | 119 | 6.960-135.0 | For simple installation on telescopic lances or high-pressure lances from Kärcher: brush with soft bristles for deep cleaning of sensitive surfaces such as glass or solar systems.                    | <input type="checkbox"/> |
| iSolar 800 Advanced                    | 120 | 6.368-094.0 | iSolar 800 water-driven brush head, 800 mm wide, for water flow rates of 700-1,000 l/h. With two contra-rotating disc brushes and flexible angle joint. For photovoltaic systems.                      | <input type="checkbox"/> |
| iSolar 400 Advanced                    | 121 | 6.368-092.0 | iSolar 400 brush for water flow rate of 700-1,000 l/h. The water-driven disc brush with a width of 400 mm cleans small to medium-sized photovoltaic systems. Also perfect for use on elevated systems. | <input type="checkbox"/> |
| <b>Telescopic</b>                      |     |             |  |                          |
| TL low pressure adapter                | 122 | 4.580-097.0 | TL low-pressure adapter comprising ball valve for tool-free installation on telescopic lances. Ideal for applications with rotating high-pressure brushes.   | <input type="checkbox"/> |
| Telescopic lance TL 7 F                | 123 | 4.762-609.0 | Telescopic lance TL 7 F with up to 7 m reach made from robust and lightweight glass fibre. With practical quick-release fasteners for simple retraction and extension.                                 | <input type="checkbox"/> |
| Telescopic lance TL 7 H                | 124 | 4.762-610.0 | Multifunctional hybrid telescopic lance TL 7 H made of rigid and lightweight carbon-glass fibre mix. Telescopic thanks to quick-release fastenings. Up to 7 m reach.                                   | <input type="checkbox"/> |
| Telescopic lance TL 10 H               | 125 | 4.762-611.0 | Up to 10 m reach: hybrid telescopic lance TL 10 H. Comprising carbon-glass fibre mix and suitable for multifunctional use. Simple retraction and extension thanks to quick-release fasteners.          | <input type="checkbox"/> |
| Telescopic lance TL 10 C               | 126 | 4.762-612.0 | Carbon fibre telescopic lance TL 10 C. With up to 10 m reach and practical quick-release fasteners. Multifunctional use for cleaning façades, windows or solar panels.                                 | <input type="checkbox"/> |

Available accessories.

## EQUIPMENT FOR HDS 1000 DE 1.811-943.0



|   |     | Order no.   | Description   |                          |
|---|-----|-------------|---|--------------------------|
| <b>FACADE AND SOLAR PANEL CLEANING</b>                              |     |             |   |                          |
| <b>Telescopic</b>   |     |             |   |                          |
| Telescopic lance TL 14 C  | 127 | 4.762-613.0 | Maximum rigidity with minimum weight: telescopic lance TL 14 C made from carbon fibre. Enormous reach of 14 m, multifunctional use and easy to use thanks to quick-release fasteners.         | <input type="checkbox"/> |
| TL high pressure adapter  | 128 | 4.775-154.0 | TL high-pressure adapter, flexible high-pressure gun for high-pressure cleaning with telescopic lances. Ergonomic, easy to install, suitable for right- and left-handed individuals.          | <input type="checkbox"/> |
| <b>Wasserenthärtung</b>   |     |             |   |                          |
| WS 50   | 129 | 6.368-463.0 | The mobile WS 50 water softening unit prevents lime residue from forming on cleaned surfaces. This is achieved by an ion-exchange resin that removes the dissolved limescale from the water.  | <input type="checkbox"/> |
| WS 100  | 130 | 6.368-464.0 | The mobile WS 100 water softening unit prevents lime residue from forming on cleaned surfaces. This is achieved by an ion-exchange resin that removes the dissolved limescale from the water. | <input type="checkbox"/> |
| WS Regenerator  | 131 | 6.368-465.0 | With the WS Regenerator regeneration system, the softening cartridges of the water softening units WS 50 and WS 100 can be backflushed and regenerated at the push of a button.               | <input type="checkbox"/> |
| <b>Hoses</b>  |     |             |   |                          |
| Hose solar  | 132 | 6.392-978.0 | High-quality, flexible HP hose (with rubber covering) for the iSolar TL 7. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.           | <input type="checkbox"/> |
|   | 133 | 6.392-977.0 | High-quality, flexible HP hose (with rubber covering) for the iSolar TL 10. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.          | <input type="checkbox"/> |
|   | 134 | 6.392-976.0 | High-quality, flexible HP hose (with rubber covering) for the iSolar TL 14. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.          | <input type="checkbox"/> |
| <b>Attachment kits and adapters</b>                                 |     |             |   |                          |
| Case sheet steel  | 135 | 6.988-152.0 | Certified personal security system for rooftop work. Contents: Travelling fall arrestor with shock absorber and 15 m kernmantle rope, harness, anchoring sling and sheet steel case.          | <input type="checkbox"/> |
| <b>WET BLASTING ATTACHMENT</b>                                      |     |             |   |                          |
| <b>Wet blasting attachment (without nozzle)</b>                     |     |             |   |                          |
| Wet blasting attachment with flow control (without nozzles)         | 136 | 4.115-000.0 | Paint, rust and scale removal made easy: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet.   | <input type="checkbox"/> |
| Wet blasting attachment without flow control (nozzles not included) | 137 | 4.115-006.0 | Addition of spray agent to the high pressure jet. For paint stripping, rust removal and descaling. Assembly on spray lance instead of high-pressure nozzle. Without water flow regulation     | <input type="checkbox"/> |
| <b>Nozzle pack for wet blasting attachment</b>                      |     |             |   |                          |
| Nozzle pack TR wet jet set 0050                                     | 138 | 2.112-023.0 | Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kärcher wet blasting attachment performance. Only in combination with wet blasting attachment .            | <input type="checkbox"/> |
| <b>Boron carbide nozzle</b>   |     |             |   |                          |
| Boron carbide nozzle, for machines as of 1000 l/h                   | 139 | 6.415-084.0 | In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.   | <input type="checkbox"/> |
| <b>ADD-ON KITS</b>  |     |             |   |                          |
| <b>Wheel mounting kit</b>   |     |             |   |                          |
| Practical kit with pneumatic tyres                                  | 140 | 2.637-820.0 | Practical kit with pneumatic tyres for HDS 1000 BE and HDS 1000 DE high-pressure cleaners. For improved manoeuvrability.  | <input type="checkbox"/> |

Available accessories.

## EQUIPMENT FOR HDS 1000 DE 1.811-943.0



|  |     | Order no.   | Description  |                          |
|--|-----|-------------|--|--------------------------|
| <b>WATER CONNECTION</b>                                      |     |             |  |                          |
| <b>Geka coupling</b>   |     |             |  |                          |
| With hose nozzle, R 1"                                       | 141 | 6.388-465.0 | with hose barb   | <input type="checkbox"/> |
| With female thread, R 3/4"                                   | 142 | 6.388-473.0 | with female thread   | <input type="checkbox"/> |
| <b>Suction filter</b>  |     |             |  |                          |
| Water filter   | 143 | 6.414-956.0 | Suitable for ponds, storage tanks or similar, polyamide filter casing, stainless steel strainer, 800 µm mesh, R 3/4" and R 1" connection, without non-return valve   | <input type="checkbox"/> |
| Suction filter with check valve                              | 144 | 4.730-012.0 | Brass suction filter suitable for ponds, storage tanks, etc. With check valve.   | <input type="checkbox"/> |
| <b>Fine-mesh water filter</b>                                |     |             |  |                          |
| Add-on kit water filter universal                            | 145 | 2.637-020.0 | Water fine filter, mesh size 25 µm, max. temperature 50 °C. Protects the machine from small dirt particles in the water. Water volume up to 1200 l/h. 3/4" connection, with 1" adapter.  | <input type="checkbox"/> |
| Fine-mesh water filter, 100 µm, R 3/4"                       | 146 | 2.637-691.0 | Fine-mesh water filter, 100 µm, max. temperature 60°C. Protects the high-pressure cleaner from dirt particles contained in the water. Transparent filter cup. Water flow rate up to 1200 l/h. Connector 3/4".                          | <input type="checkbox"/> |
| Fine-mesh water filter with adapter                          | 147 | 4.730-102.0 | Fine-mesh water filter, 125 µm, max. temperature 50°C. Protects the high-pressure cleaner from dirt particles contained in the water. Water flow rate up to 1200 l/h. Connection 3/4", with adapter, 1".                               | <input type="checkbox"/> |
| <b>WASHING BRUSHES</b>                                       |     |             |  |                          |
| <b>Push-on washing brush</b>                                 |     |             |  |                          |
| Push-on wash brush, M 18 × 1.5                               | 148 | 4.113-001.0 | For universal use for surface cleaning. Mounted using clamp directly at the spray lance. TR thread connection  | <input type="checkbox"/> |
| <b>Rotating washing brush</b>                                |     |             |  |                          |
| Rotating wash brush for > 800 l/h machines, nylon bristles   | 149 | 4.113-002.0 | Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to 60°C, M 18 × 1.5 (replaceable brush insert).   | <input type="checkbox"/> |
| Rotating wash brush for > 800 l/h machines, natural bristles | 150 | 4.113-005.0 |  | <input type="checkbox"/> |
| <b>DRUM AND TANK CLEANING</b>                                |     |             |  |                          |
| <b>Barrel and tank cleaning</b>                              |     |             |  |                          |
| Rotary cleaner head M63E                                     | 151 | 6.751-061.0 | Compact interior cleaning head made of stainless steel for cleaning the interiors of drums and containers with openings of 65 mm or more. Offers an impressively low weight and constant rotation speed by means of an electric motor. | <input type="checkbox"/> |

Available accessories.