



HDS 1000 De

Diesel-fuelled hot-water high-pressure cleaner with float tank, anti-scale protection, fuel shortage safeguard, steam level and infinitely variable pressure and water flow rate. Detergent mixture at high pressure. Electric and manual start.



1 Optimum ease of use

- Automatic burner cut-out in case of water shortage and overheating.
- The ergonomically designed spray gun reduces holding and pulling force.

2 Maximum performance

- High-output burner with upright heating coil and detonation-free continuous ignition.
- For removing stubborn encrustations.



HDS 1000 De

- Diesel engine with electro start
- Easy Press trigger gun with soft grip and Servo Control
- Professional high-performance hot water machine

Technical data

| | | |
|--|------------------|-------------------|
| Order no. | 1.811-938.0 | |
| EAN code | 4039784730571 | |
| Pressure | bar / MPa | 40 - 200 / 4 - 20 |
| Pressure | PSI | 2900 |
| Flow rate | l/h | 450 - 900 |
| Temperature (for supply 12 °C) | °C | 80 / 98 |
| Consumption of heating oil or gas at full load | kg/h | 5.6 |
| Motor type | L 100 N / diesel | |
| Motor manufacturer | Yanmar | |
| Motor rating | kW / hp | 7.4 / 10 |
| Number of simultaneous users | 1 | |
| Mobility | Low | |
| Weight | kg | 185 |
| Dimensions (L × W × H) | mm | 1100 × 750 × 785 |

Equipment

| | | |
|--|----|------------------------|
| Equipment | | |
| Spray gun | | Easy Press trigger gun |
| Spray gun with soft grip padding | | ■ |
| High-pressure hose | m | 15 |
| Spray lance | mm | 1050 |
| Cage frame | | ■ |
| Anti-twist system (AVS) | | - |
| Electro start | | ■ |
| Power nozzle | | ■ |
| Servo control | | ■ |
| sturdy tubular steel frame for handling with crane | | ■ |
| ■ Included in the scope of supply. | | |

HDS 1000 DE

1.811-938.0

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| | | Order no. | ID | Max. working pressure | Length | Price | Description | |
|---|----|-------------|----|-----------------------|--------|-------|--|---|
| Standard with unions on both sides | | | | | | | | |
| High-pressure hose, 10 m, ID 8, 315 bar, extension | 1 | 6.391-342.0 | 8 | 315 bar | 10 m | | To extend the operating radius with the high-pressure cleaner. Connection on both sides M22 x 1.5. | ▲ |
| High-pressure hose, 15 m, ID 8, 315 bar, including rotary coupling | 2 | 6.390-010.0 | 8 | 315 bar | 15 m | | With screw connections on both sides, M 22 x 1.5 with bend protection. | ▲ |
| High-pressure hose, 20 m, ID 8, 315 bar, extension piece | 3 | 6.390-031.0 | 8 | 315 bar | 20 m | | Screw connections at both ends, M 22 x 1.5, with kink protection. | ▲ |
| High-pressure hose, 30 m, ID 8, incl. rotary coupling | 4 | 6.390-293.0 | 8 | 315 bar | 30 m | | To extend the operating radius with the high-pressure cleaner. Connection on both sides M22 x 1.5. | ▲ |
| High-pressure hose, 15 m, ID 10, 220 bar, extension piece | 5 | 6.390-023.0 | 10 | 220 bar | 15 m | | Connectors at both ends, M 22 x 1.5, with kink protection. | ▲ |
| Longlife 400 with unions on both sides | | | | | | | | |
| High-pressure hose Longlife 400, 10 m, ID 8, including rotary coupling | 6 | 6.388-083.0 | 8 | 400 bar | 10 m | | 10 m high-pressure hose Longlife 400 (DN 8) with rotary coupling, two layer high-strength steel wire reinforced. Connectors at both ends. M 22 x 1.5, with kink protection. | ▲ |
| High-pressure hose Longlife 400, 10 m, ID 8, extension | 7 | 6.391-354.0 | 8 | 400 bar | 10 m | | To extend the operating radius with the high-pressure cleaner. Connection on both sides M22 x 1.5. | ▲ |
| High-pressure hose Longlife 400, 15 m, ID 8, including rotary coupling | 8 | 6.389-709.0 | 8 | 400 bar | 15 m | | With rotary coupling, 2 x M 22 x 1.5 | ▲ |
| High-pressure hose Longlife 400, 20 m, ID 8, extension | 9 | 6.390-027.0 | 8 | 400 bar | 20 m | | with rotary coupling, 2 x M 22 x 1.5 | ▲ |
| High-pressure hose Longlife 400, 30 m, ID 8, including rotary coupling | 10 | 6.390-294.0 | 8 | 400 bar | 30 m | | With rotary coupling, 2 x M 22 x 1.5 | ▲ |
| High-pressure hose 1.5 m, ID 8, including connectors | 11 | 6.390-178.0 | 8 | 400 bar | 1.5 m | | 1.5 m high-pressure hose (DN 8, M 22 x 1.5) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 x 1.5). | □ |
| Food industry version with unions on both sides | | | | | | | | |
| High-pressure hose, 10 m, DN 8, suitable for the food industry, extension piece | 12 | 6.389-479.0 | 8 | 250 bar | 10 m | | 10 m high-pressure hose (DN 8) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. M 22 x 1.5 with anti-kink sleeve. | ▲ |
| High-pressure hose, 20 m, ID 8, suitable for food industry, extension piece | 13 | 6.389-581.0 | 8 | 250 bar | 20 m | | 20 m high-pressure hose (DN 8) with swivel coupling. Non-discolouring outer layer for use in the food industry. Connectors at both ends, M 22 x 1.5, with kink protection. NW 8/155°C/250 bar. | ▲ |
| Longlife food design with screw connections at both ends | | | | | | | | |
| High pressure hose food ID 8, 10 m | 14 | 6.391-864.0 | 8 | 400 bar | 10 m | | Longlife HP hose for use in the food industry. Außen-decke## animal-grease-resistant, non-colour-bleeding material. With rotary coupling, 2 x M 22 x 1.5 | ▲ |
| High-pressure hose food industry 400 bar, 20 m, ID 8, including rotary coupling | 15 | 6.391-887.0 | 8 | 400 bar | 20 m | | | ▲ |
| Standard | | | | | | | | |
| High-pressure hose, 15 m, ID 8, AVS trigger gun connector | 16 | 6.390-185.0 | 8 | 315 bar | 15 m | | 15 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar. | ■ |
| High-pressure hose, 10 m, ID 8, AVS trigger gun connector | 17 | 6.390-025.0 | 8 | 315 bar | 10 m | | 10 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar. | □ |
| High-pressure hose, 20 m, ID 8, AVS trigger gun connector | 18 | 6.390-171.0 | 8 | 315 bar | 20 m | | 20 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar. | □ |

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.



| | | Order no. | ID | Max. working pressure | Length | | Price | Description | |
|---|----|-------------|----|-----------------------|--------|--|-------|--|--------------------------|
| Longlife 400 | | | | | | | | | |
| High-pressure hose Longlife 400, 10 m, ID 8, AVS trigger gun connection | 19 | 6.391-351.0 | 8 | 400 bar | 10 m | | | With patented AVS connection in the trigger gun (rotatable) and hand screw connection, M 22 x 1.5 with kink protection. With double steel reinforcement. | <input type="checkbox"/> |
| High-pressure hose Longlife 400, 20 m, DN 8, AVS trigger gun connector | 20 | 6.390-208.0 | 8 | 400 bar | 20 m | | | 20 m high-pressure hose Longlife 400 (DN 8) with patented (rotating) AVS trigger gun connector and manual coupling. Two layer high-strength steel wire reinforced. | <input type="checkbox"/> |
| Food industry version | | | | | | | | | |
| High-pressure hose, 10 m, DN 8, AVS trigger gun connection, food, grey | 21 | 6.390-704.0 | 8 | 250 bar | 10 m | | | Food industry version, AVS connection in the trigger gun. grey NW 8/155 °C/250 bar | <input type="checkbox"/> |
| High-pressure hose, 20 m, ID 8, AVS trigger gun connector, suitable for food industry, grey | 22 | 6.390-705.0 | 8 | 250 bar | 20 m | | | 20 m high-pressure hose (DN 8) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. NW 8/155°C/250 bar. | <input type="checkbox"/> |
| Longlife food design | | | | | | | | | |
| High-pressure hose Longlife 400, 10 m, ID 8, AVS trigger gun connection | 23 | 6.391-885.0 | 8 | 400 bar | 10 m | | | Longlife HP hose for use in the food industry. Außen-decke## animal-grease-resistant, non-colour-bleeding material. With patented AVS connection in the pistol (pivot mounted) | <input type="checkbox"/> |
| High-pressure hose Longlife 400, 20 m, ID 8, AVS trigger gun connection | 24 | 6.391-886.0 | 8 | 400 bar | 20 m | | | | <input type="checkbox"/> |
| Special hoses | | | | | | | | | |
| High-pressure hose, 1.5 m, ID 8, incl. connection parts, curved outflow | 25 | 6.388-886.0 | 8 | 400 bar | 1.5 m | | | Connection hose in longlife quality with 2x M22 x 1.5, with angled connection on one side. | <input type="checkbox"/> |

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

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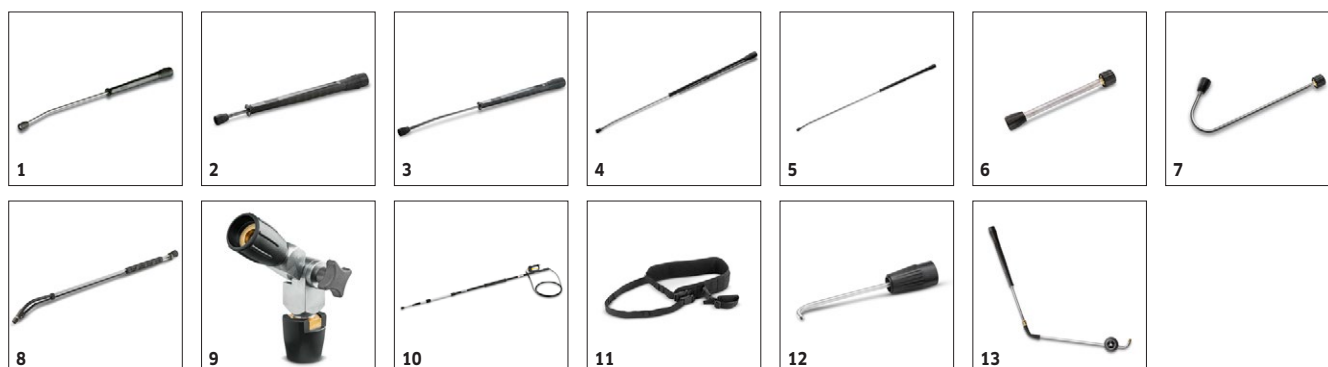
1.811-938.0

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| | | Order no. | Flow rate | | | | Price | Description | |
|---|---|-------------|----------------|--|--|--|-------|---|---|
| Easy Press high-pressure trigger gun with holding force reduction (Kärcher patent) | | | | | | | | | |
| Easy Press HP trigger gun with soft grip | 1 | 4.775-463.0 | | | | | | Easy press high-pressure trigger gun with softgrip. For high-pressure hoses DN 6 and DN 8 with 11 mm swivel diameter. | ■ |
| Servo control | | | | | | | | | |
| Servo control | 2 | 4.775-470.0 | 750 - 1100 l/h | | | | | Water flow and pressure control on the trigger gun. | ■ |
| Trigger guns | | | | | | | | | |
| High-end HP trigger gun | 3 | 4.775-823.0 | | | | | | High-end spray guns with optimised flow. Small pressure losses also with water volumes up to 2500 l/h. Robustness and durability for professional use. Food-safe and saltwater-resistant materials offer the best conditions for use in the food sector and in industry. Connector for HP hoses M 22 x 1.5. | □ |
| Quick connect | | | | | | | | | |
| Quick coupling | 4 | 6.401-458.0 | | | | | | 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. | □ |
| Male coupling | 5 | 6.401-459.0 | | | | | | Hardened stainless steel male coupling for quick coupling 6.401-458. With M 22 x 1.5 external thread. | □ |

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

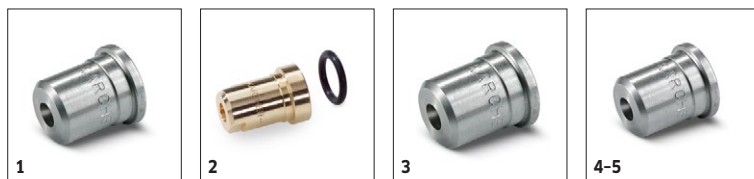


| | | Order no. | Max. working pressure | Length | | | Price | Description | |
|--|----|-------------|-----------------------|---------|--|--|-------|---|---|
| Rotating spray lances | | | | | | | | | |
| 1050 mm spray pipe, rotatable | 1 | 4.760-660.0 | 300 bar | 1050 mm | | | | 1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure. | ■ |
| 600 mm spray pipe, rotatable | 2 | 4.760-664.0 | 300 bar | 600 mm | | | | 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 | 3 | 4.760-663.0 | 300 bar | 840 mm | | | | 850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure. | □ |
| 1550 mm spray pipe, rotatable | 4 | 4.760-661.0 | 300 bar | 1550 mm | | | | 1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure. | □ |
| 2050 mm spray pipe, rotatable | 5 | 4.760-662.0 | 300 bar | 2050 mm | | | | 2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure. | □ |
| Spray lance | | | | | | | | | |
| 250 mm lance, non-rotatable | 6 | 4.760-667.0 | | 250 mm | | | | 250 mm stainless steel lance. With manual coupling. Non-rotatable. | □ |
| Angular spray lance | | | | | | | | | |
| Spray lance for toilets and rain gutters | 7 | 4.760-073.0 | | | | | | Stainless steel lance WC and gutter with nozzle insert. Specially shaped for effective and hygienic cleaning of gutters and toilets. | □ |
| Flexible spray lance | | | | | | | | | |
| Flexible lance 1050 mm | 8 | 6.394-654.0 | 210 bar | 1050 mm | | | | 1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters. | □ |
| High-pressure M18x1.5 articulated joint | 9 | 4.481-039.0 | 300 bar | | | | | High-pressure articulated joint: Thanks to infinite angle adjustment up to 120°, this tool is ideal to effortlessly clean hard-to-reach areas. Simply attach to the spray lance of the pressure washer. | □ |
| Telescopic spray lance | | | | | | | | | |
| Telescopic spray lance | 10 | 6.394-690.0 | 225 bar | 5400 mm | | | | Can be continuously extended from 1.8 to 5.4 m. For cleaning areas that are difficult to reach, such as ceilings or facades. With integrated HD trigger gun, M 22 x 1.5 connection with rotary coupling. Connection for M 18 x 1.5 nozzles. | □ |
| Strap for telescopic spray pipe | 11 | 6.373-987.0 | | | | | | Convenient strap for relief when working with the telescopic spray lance (6.394-690). The burden is optimally distributed on the body and longer periods of use are possible. | □ |
| Gutter cleaner | | | | | | | | | |
| Gutter cleaning lance | 12 | 2.642-305.0 | | | | | | 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. | □ |
| Undercarriage spray lance | | | | | | | | | |
| Underbody lance | 13 | 4.760-245.0 | | 700 mm | | | | Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle. | □ |

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

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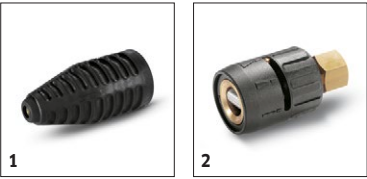


| | | Order no. | Nozzle size | | | | Price | Description | |
|-------------------------------------|---|-------------|-------------|--|--|--|-------|--|---|
| Power nozzle spray angle 25° | | | | | | | | | |
| Power nozzle | 1 | 2.883-894.0 | 47 | | | | | Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains. | ■ |
| Chemical nozzle | 2 | 2.884-521.0 | 250 | | | | | Brass power nozzle for low pressure operation and cleaning agent suction. | □ |
| HP nozzle spray angle 0° | | | | | | | | | |
| Power nozzle | 3 | 2.884-536.0 | 55 | | | | | High-pressure nozzle with powerful jet for extremely stubborn dirt. | □ |
| Power nozzle spray angle 15° | | | | | | | | | |
| Power nozzle | 4 | 2.883-390.0 | 55 | | | | | Fan jet nozzle with 15° spray angle suitable for stubborn dirt. | □ |
| Power nozzle spray angle 40° | | | | | | | | | |
| Power nozzle | 5 | 2.884-524.0 | 50 | | | | | Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces. | □ |

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

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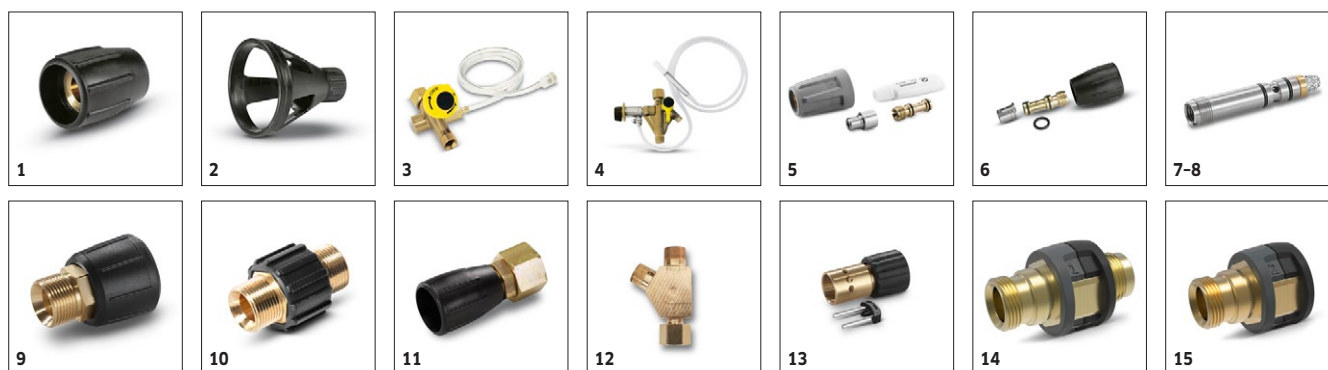


| | | Order no. | Max. working pressure | Nozzle size | | | Price | Description | |
|----------------------------------|---|-------------|-----------------------|-------------|--|--|-------|---|--------------------------|
| Dirt blaster, large | | | | | | | | | |
| Dirt blaster | 1 | 4.763-253.0 | 300 bar | 50 | | | | 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"/> |
| Angled vario nozzle 0-90° | | | | | | | | | |
| Angled Vario nozzle | 2 | 4.763-039.0 | | 50 | | | | Variable angle nozzle for spray angle adjustment from 0° to 90°. For easy adjustment to all kinds of soiling and surfaces. | <input type="checkbox"/> |

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

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| | | Order no. | | | | | | Price | Description | |
|---|----|-------------|--|--|--|--|--|-------|--|--------------------------|
| Nozzle union | | | | | | | | | | |
| Nozzle connector | 1 | 5.401-210.0 | | | | | | | For protecting and connecting Kärcher power nozzles to spray lances (M 18 x 1.5 IG). | <input type="checkbox"/> |
| Spacer (including nozzle union) | | | | | | | | | | |
| Spacer (includes nozzle screws) | 2 | 5.394-294.0 | | | | | | | Guarantees constant safety clearance, e.g. for tyres and bodywork. Helps prevent damage to sensitive surfaces. Mounts directly to lance. | <input type="checkbox"/> |
| Cleaning agent injector | | | | | | | | | | |
| Cleaning agent injector for high pressure (without nozzle) | 3 | 3.637-170.0 | | | | | | | Cleaning agent dosage at high pressure 3 - 5 % | <input type="checkbox"/> |
| Cleaning agent injector for high and low pressure (without nozzles) | 4 | 3.637-001.0 | | | | | | | Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%. | <input type="checkbox"/> |
| Machine-specific nozzle kit with order no. 4.637-033.0 | | | | | | | | | | |
| Nozzle kit 750-1000 l/h | 5 | 4.769-011.0 | | | | | | | For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + HP power nozzle + union | <input type="checkbox"/> |
| Nozzle kit 750-1000 l/h | 6 | 4.769-047.0 | | | | | | | | <input type="checkbox"/> |
| Nozzle insert with order no. 4.637-032.0 | | | | | | | | | | |
| Nozzle insert from 1,100 l/h - HD | 7 | 4.769-002.0 | | | | | | | For high pressure with machines above 1.100 l/h | <input type="checkbox"/> |
| Nozzle insert from 1,100 l/h - ND | 8 | 4.769-006.0 | | | | | | | For low pressure with machines above 1.100 l/h | <input type="checkbox"/> |
| Rotary coupling | | | | | | | | | | |
| Rotary coupling | 9 | 4.401-091.0 | | | | | | | Reliably prevents twisting of HP hoses. Connection M 22 x 1.5 m. Handle protection | <input type="checkbox"/> |
| Coupling | | | | | | | | | | |
| Coupler -2 x M22 x 1,5 | 10 | 4.403-002.0 | | | | | | | For overriding the dismantled heating coil for cleaning alternative: 4.111-029.0 adapter 1 - hose old / hose new | <input type="checkbox"/> |
| Connector | | | | | | | | | | |
| Nozzle screws / screw socket | 11 | 4.402-022.0 | | | | | | | Nozzle connector/screw connector for connecting high-pressure nozzles and accessories to the high-pressure trigger gun (with nozzle connector). Connectors: 1x M 22 x 1.5 and 1x M 18 x 1.5. | <input type="checkbox"/> |
| Y distributor | 12 | 4.405-048.0 | | | | | | | Offers the option to connect two spray units to the machine. Installation on the high pressure outlet. | <input type="checkbox"/> |
| Adapters | | | | | | | | | | |
| Sealing cone complete | 13 | 4.424-004.0 | | | | | | | In order to install high-pressure hose with male coupling on thread with M22 x 1.5 Alternative: 4.111-032.0 Adapter 4 - Device new / Hose old Swivel | <input type="checkbox"/> |
| EASY!Lock adapter | | | | | | | | | | |
| Adapter 1 M22AG-TR22AG | 14 | 4.111-029.0 | | | | | | | Adapter 1 to connect the old hose with the new hose | <input type="checkbox"/> |
| Adapter 2 M22IG-TR22AG | 15 | 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 | 16 | 4.111-031.0 | | | | | | | Adapter 3 to connect the old gun with the new spray lance and new servo regulator | <input type="checkbox"/> |
| Adapter 4 TR22IG-D11 | 17 | 4.111-032.0 | | | | | | | Adapter 4 to connect the new gun with the old swivel hose | <input type="checkbox"/> |
| Adapter 5 TR22IG-M22AG | 18 | 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 | 19 | 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 | 20 | 4.111-035.0 | | | | | | | Adapter 7 to connect the old spray lance with the new nozzle | <input type="checkbox"/> |
| Adapter 8 TR20IG-M18AG | 21 | 4.111-036.0 | | | | | | | Adapter 8 to connect the new spray lance with the old nozzle | <input type="checkbox"/> |

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

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| | | Order no. | | | | | Price | Description | |
|------------------|----|-------------|--|--|--|--|-------|---|--------------------------|
| Flue pipe | | | | | | | | | |
| Flue gas adapter | 22 | 4.656-149.0 | | | | | | Flue gas adapter with draught damper for flue pipe connection (adapter for HDS burners for connection to a stack system). | <input type="checkbox"/> |
| | 23 | 4.656-080.0 | | | | | | | <input type="checkbox"/> |

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.



| | | Order no. | Max. working pressure | Nozzle size | Diameter | Price | Description | |
|---|----|-------------|-----------------------|-------------|----------|-------|---|--------------------------|
| Pipe cleaning hose, ID 6 | | | | | | | | |
| Pipe cleaning hose, DN 6, 20 m, max. 120 bar | 1 | 6.390-028.0 | 120 bar | | | | 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"/> |
| Pipe cleaning hose, DN 6, 30 m, max. 120 bar | 2 | 6.390-029.0 | 120 bar | | | | 30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle). | <input type="checkbox"/> |
| Pipe cleaning hose, DN 6, 20 m, max. 250 bar | 3 | 6.390-030.0 | 250 bar | | | | 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"/> |
| Pipe cleaning nozzle | | | | | | | | |
| Pipe cleaning dirt blaster D21/060 | 4 | 4.765-002.0 | | 60 | 21 mm | | 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"/> |
| Pipe cleaning dirt blaster D30/060 | 5 | 4.765-005.0 | | 60 | 30 mm | | | <input type="checkbox"/> |
| Pipe cleaning nozzle 080 | 6 | 5.763-087.0 | | 80 | 24 mm | | Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle. | <input type="checkbox"/> |
| Pipe cleaning nozzle | 7 | 5.763-015.0 | | 55 | 16 mm | | 16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes. | <input type="checkbox"/> |
| | 8 | 5.763-016.0 | | 60 | 16 mm | | | <input type="checkbox"/> |
| | 9 | 5.763-017.0 | | 50 | 30 mm | | Pipe cleaning nozzle with inner thread. Different spray directions. The hose moves freely through the pipe. (R 1/8" connection, 3 x 30° backwards, diameter 30 mm.) | <input type="checkbox"/> |
| Drum and tank cleaning | | | | | | | | |
| Add-on kit mud sucker | 10 | 2.641-798.0 | | | | | | <input type="checkbox"/> |
| HKF 50 spray head, brass | | | | | | | | |
| HKF 50 spray head, brass | 11 | 3.631-039.0 | | | | | Depth of immersion 850 mm. Interior cleaning head for barrels and containers with bungholes of 50 mm and more. Can be directly connected to the high-pressure cleaner. Electric motor drive. Operation is possible both vertically and horizontally | <input type="checkbox"/> |
| | 12 | 3.631-058.0 | | | | | Depth of immersion 150 mm. Interior cleaning head for barrels and containers with bungholes of 50 mm and more. Can be directly connected to the high-pressure cleaner. Electric motor drive. Operation is possible both vertically and horizontally | <input type="checkbox"/> |
| Nozzle kit for spray head HKF 50 (3.631-009.0 / 3.631-039.0) | | | | | | | | |
| Nozzle 030 for 2-nozzle operation HKF 50 | 13 | 6.415-444.0 | | 30 | | | Nozzle for dual-nozzle operation | <input type="checkbox"/> |
| Double grip for precise control of spray head | 14 | 2.863-036.0 | | | | | Double handle. Precise control of the spray head | <input type="checkbox"/> |
| Screw plug for using a spray head with one nozzle | 15 | 5.411-061.0 | | | | | Screw plug for using a spray head with one nozzle | <input type="checkbox"/> |

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

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| | | Order no. | Flow rate | Nozzle size | Diameter | Price | Description | |
|---|---|-------------|----------------|-------------|----------|-------|---|--------------------------|
| Hard Surface Cleaner FRV 30 | | | | | | | | |
| FRV 30 surface cleaner | 1 | 2.642-999.0 | | | | | With the integrated and automatic suction of the dirty water, the FRV 30 makes surface cleaning even more efficient. There is no longer a need to rinse the surface after cleaning, as the dirty water can be removed through the 5m suction hose, which is supplied. Additional features include the non-marking steering rollers and double ceramic bearings. Machine specific nozzle kit must be ordered separately. | <input type="checkbox"/> |
| Extension hose 5 m | 2 | 4.440-939.0 | | | | | 5m extension hose for FRV 30. Connection sleeve included. | <input type="checkbox"/> |
| FR 30 Me surface cleaner | | | | | | | | |
| Hard surface cleaner FR 30 Me | 3 | 2.640-355.0 | | | 300 mm | | 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"/> |
| Hard Surface Cleaner FR 50 | | | | | | | | |
| Hard surface cleaner FR 50 | 4 | 2.640-679.0 | | | 500 mm | | 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"/> |
| Machine-specific nozzle kits for FR | | | | | | | | |
| Nozzle kit for surface cleaners | 5 | 2.640-442.0 | 850 - 1100 l/h | | | | Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (850 to 1100 l/h). | <input type="checkbox"/> |
| Machine-specific nozzle kits for FRV | | | | | | | | |
| Nozzle kit 050 - for FRV | 6 | 2.642-433.0 | | 50 | | | Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30. | <input type="checkbox"/> |
| FRV 30 Me surface cleaner | | | | | | | | |
| FRV 30 Me | 7 | 2.642-911.0 | | | | | 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 | 8 | 4.441-040.0 | | | | | 5 m extension hose for FRV 30 Me. Includes connecting adapter. | <input type="checkbox"/> |

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

HDS 1000 DE 1.811-938.0

KÄRCHER



| | | Order no. | Flow rate | | | | Price | Description | |
|--|---|-------------|----------------|--|--|--|-------|---|--------------------------|
| Cup foam lance | | | | | | | | | |
| Cup foam lance | 1 | 6.394-668.0 | max. 1200 l/h | | | | | Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design. | <input type="checkbox"/> |
| Inno Foam Kit | | | | | | | | | |
| Inno Foam Set | 2 | 2.640-692.0 | | | | | | 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"/> |
| Easy Foam Set | | | | | | | | | |
| Easy Foam Set | 3 | 2.640-693.0 | | | | | | 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"/> |
| Nozzle kits for Inno/Easy Foam Set | | | | | | | | | |
| Nozzle kit 090 for Inno / Easy Set 700-1,000 l/h | 4 | 2.640-688.0 | 700 - 1000 l/h | | | | | 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"/> |
| Foam nozzle mounting kit | | | | | | | | | |
| Foam nozzle attachment kit | 5 | 2.637-926.0 | | | | | | 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"/> |

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

HDS 1000 DE

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| | | Order no. | Length | | | | Price | Description | |
|---|---|-------------|--------|--|--|--|-------|--|--------------------------|
| Automatic, self-winding hose reels for wall mounting | | | | | | | | | |
| Add-on kit hose reel stainless steel K/P | 1 | 6.391-520.0 | 20 m | | | | | | <input type="checkbox"/> |
| Powder-coated swivel holder | 2 | 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 | 3 | 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"/> |

■ Included in the scope of supply.
 ☐ Available accessories.
 ▲ Extension hose.

HDS 1000 DE

1.811-938.0



1-3

| | | Order no. | Flow rate | Inlet temperature | Length | Length | Price | Description | |
|-------------------|---|-------------|-----------|-------------------|--------|--------|-------|--|--------------------------|
| Schläuche | | | | | | | | | |
| iSolar HP hose 7 | 1 | 6.392-978.0 | | max. 155 °C | | | | 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"/> |
| iSolar HP hose 10 | 2 | 6.392-977.0 | | max. 155 °C | | | | 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"/> |
| iSolar HP hose 14 | 3 | 6.392-976.0 | | max. 155 °C | | | | 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"/> |

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

HDS 1000 DE

1.811-938.0

KÄRCHER



| | | Order no. | Nozzle size | | | | Price | Description | |
|---|---|-------------|-------------|--|--|--|-------|--|--------------------------|
| Wet blasting attachment (without nozzle) | | | | | | | | | |
| Wet blasting attachment with flow control (without nozzles) | 1 | 4.762-010.0 | | | | | | 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) | 2 | 4.762-022.0 | | | | | | Paint, rust and scale removal made easy: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet. Without flow control. | <input type="checkbox"/> |
| Nozzle kits for wet jet unit | | | | | | | | | |
| Nozzle kit for wet jet unit 050 | 3 | 2.637-902.0 | 50 | | | | | 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 4.762-010/-022. | <input type="checkbox"/> |
| Boron carbide nozzle | | | | | | | | | |
| Boron carbide nozzle, for machines up to 1,000 l/h | 4 | 6.415-084.0 | 6 mm | | | | | In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation. | <input type="checkbox"/> |

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

HDS 1000 DE

1.811-938.0



| | | Order no. | | | | | Price | Description | |
|---|---|-------------|--|--|--|--|-------|--|--------------------------|
| Wheel mounting kit | | | | | | | | | |
| Wheel attachment kit for HDS 1000 Be/De | 1 | 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"/> |

■ Included in the scope of supply.
 ☐ Available accessories.
 ▲ Extension hose.



| | | Order no. | | | | | Price | Description | |
|---------------------------------------|---|-------------|--|--|--|--|-------|--|--------------------------|
| Geka coupling | | | | | | | | | |
| Geka connector with hose barb, R 3/4" | 1 | 6.388-455.0 | | | | | | with hose liner | <input type="checkbox"/> |
| Geka connector with hose barb, R 1" | 2 | 6.388-465.0 | | | | | | with hose barb | <input type="checkbox"/> |
| Suction filter | | | | | | | | | |
| Water suction filter | 3 | 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 | 4 | 4.730-012.0 | | | | | | Brass suction filter suitable for ponds, storage tanks, etc. With check valve. | <input type="checkbox"/> |
| Water fine filter | | | | | | | | | |
| Universal water fine filter, 25 µm | 5 | 2.637-020.0 | | | | | | Fine-mesh water filter, 25 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"/> |
| Water fine filter, with adapter | 6 | 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"/> |
| Water fine filter, 100 µm, R 1" | 7 | 2.638-270.0 | | | | | | Fine-mesh water filter, 100 µm, max. temperature 60°C. Connects to high-pressure cleaner. Protects the high-pressure cleaner from dirt particles contained in the water. Water flow rate up to 1200 l/h. Connector 1". | <input type="checkbox"/> |
| Water supply hose | | | | | | | | | |
| Water supply hose | 8 | 4.440-207.0 | | | | | | NW 19 R1" / R 3/4", up to 85 °C, for pick-up | <input type="checkbox"/> |
| | 9 | 4.440-270.0 | | | | | | NW 19 R1" / R1", up to 85 °C | <input type="checkbox"/> |

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

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KÄRCHER



| | | Order no. | Flow rate | | | | Price | Description | |
|--|---|-------------|---------------|--|--|--|-------|--|--------------------------|
| Push-on washing brush | | | | | | | | | |
| Push-on wash brush | 1 | 4.762-016.0 | | | | | | For general-purpose cleaning of all surfaces. Clamps directly onto the spray lance. Connection M 18 x 1.5 | <input type="checkbox"/> |
| Rotating washing brush | | | | | | | | | |
| Rotating wash brush for < 800 l/h machines, nylon bristles | 2 | 4.762-561.0 | 500 - 800 l/h | | | | | The rotating wash brush gently removes fine dust and traffic film from all surfaces. Temperature resistant up to 60°C. (M 18 x 1.5, replaceable brush insert). | <input type="checkbox"/> |
| Rotating wash brush for < 800 l/h machines, natural bristles | 3 | 4.762-560.0 | 500 - 800 l/h | | | | | Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to 60°C, M 18 x 1.5 (replaceable brush insert). | <input type="checkbox"/> |

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

HDS 1000 De, 1.811-938.0, 2021-01-19