



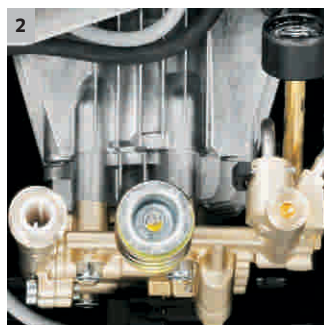
HD 9/19 M

Mobile three phase coldwater high-pressure cleaner, highly equipped



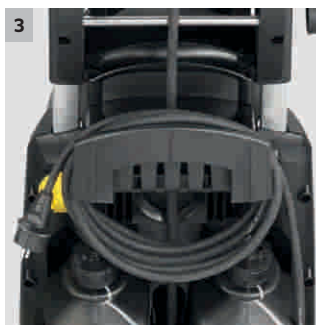
1 SwitchChem

- For precise and infinitely variable cleaning agent dosing.
- Two-way dosing valve for switching between different cleaning agents.



2 Powerful and durable

- Air/water-cooled electric motors for intensive use.
- Four-pole low-speed electric motor.



3 Clever features

- Power cord storage at the rear of the unit.
- Integrated lance holder for transport.



4 Outstanding mobility

- Large wheels for uneven surfaces.
- Upright design for easy, ergonomic transport.



HD 9/19 M

- Three-phase motor: sturdy and robust
- Easy Press trigger gun with soft grip and Servo Control
- SwitchChem dosing

Technical data

| | | |
|-------------------------------|--------------------|------------------|
| Order no. | 1.524-320.0 | |
| EAN code | 4039784732520 | |
| Current type | Ph / V / Hz | 3 / 400 / 50 |
| Flow rate | l/h | 450-890 |
| Working pressure | bar / MPa | 40-185 / 4-18.5 |
| Max. pressure | bar / MPa | 220 / 22 |
| Max. inlet temperature | °C | 60 |
| Connection load | kW | 6.8 |
| Weight | kg | 43 |
| Dimensions (L × W × H) | mm | 467 × 407 × 1010 |

Equipment

| | | |
|-----------------------------------|------------------------|------|
| Spray gun | Easy Press trigger gun | |
| Spray gun with soft grip | ■ | |
| High-pressure hose | m | 10 |
| Spray lance | mm | 1050 |
| Triple nozzle (0°/25°/40°) | Manual | |
| ANTI!Twist | - | |
| Pressure cut-off | - | |
| Servo Control | - | |
| ■ Included in delivery. | | |

ACCESSORIES FOR HD 9/19 M

1.524-320.0

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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 | ID 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 | ID 8 | 315 bar | 15 m | | | ▲ |
| High-pressure hose, 20 m, ID 8, 315 bar, extension piece | 3 | 6.390-031.0 | ID 8 | 315 bar | 20 m | | | ▲ |
| High-pressure hose, 30 m, ID 8, incl. rotary coupling | 4 | 6.390-293.0 | ID 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 | ID 10 | 220 bar | 15 m | | | ▲ |
| Longlife 400 with unions on both sides | | | | | | | | |
| High pressure hose ID 6, 10 m, including rotary coupling | 6 | 6.391-883.0 | ID 6 | 400 bar | 10 m | | With rotary coupling, 2 x M 22 x 1,5 | ▲ |
| High-pressure hose Longlife 400, 10 m, ID 8, including rotary coupling | 7 | 6.388-083.0 | ID 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 | 8 | 6.391-354.0 | ID 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 | 9 | 6.389-709.0 | ID 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 | 10 | 6.390-027.0 | ID 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 | 11 | 6.390-294.0 | ID 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 | 12 | 6.390-178.0 | ID 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 | 13 | 6.389-479.0 | ID 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 | 14 | 6.389-581.0 | ID 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 | 15 | 6.391-864.0 | ID 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 | 16 | 6.391-887.0 | ID 8 | 400 bar | 20 m | | | ▲ |
| Standard | | | | | | | | |
| High-pressure hose, 10 m, ID 6, AVS trigger gun connector | 17 | 6.391-238.0 | ID 6 | 250 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 6/155°C/250 bar. | ■ |
| High-pressure hose, 15 m, ID 6, AVS gun connection | 18 | 6.391-394.0 | ID 6 | 250 bar | 15 m | | | □ |
| High-pressure hose, 10 m, ID 8, AVS trigger gun connector | 19 | 6.390-025.0 | ID 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. | □ |

■ Included in delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M

1.524-320.0

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| | | Order no. | ID | Max. working pressure | Length | Price | Description | |
|---|----|-------------|------|-----------------------|--------|-------|--|--------------------------|
| High-pressure hose, 15 m, ID 8, AVS trigger gun connector | 20 | 6.390-185.0 | ID 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. | <input type="checkbox"/> |
| High-pressure hose, 20 m, ID 8, AVS trigger gun connector | 21 | 6.390-171.0 | ID 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. | <input type="checkbox"/> |
| Longlife 400 | | | | | | | | |
| Longlife 400 high-pressure hose, 10 m, DN 6, M 22 x 1.5 | 22 | 6.391-882.0 | ID 6 | 400 bar | 10 m | | With patented AVS connection in the trigger gun (pivot-mounted). | <input type="checkbox"/> |
| High-pressure hose Longlife 400, 10 m, ID 8, AVS trigger gun connection | 23 | 6.391-351.0 | ID 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 | 24 | 6.390-208.0 | ID 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, 15 m, ID 6, AVS trigger gun connector 11 mm, suitable for food industry, grey | 25 | 6.391-654.0 | ID 6 | 250 bar | 15 m | | 15 m high-pressure hose (DN 6) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. DN 6/155°C/250 bar. | <input type="checkbox"/> |
| High-pressure hose, 10 m, DN 8, AVS trigger gun connection, food, grey | 26 | 6.390-704.0 | ID 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 | 27 | 6.390-705.0 | ID 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 | 28 | 6.391-885.0 | ID 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 | 29 | 6.391-886.0 | ID 8 | 400 bar | 20 m | | | <input type="checkbox"/> |
| Special hoses | | | | | | | | |
| High-pressure hose, 1.5 m, ID 8, incl. connection parts, curved outflow | 30 | 6.388-886.0 | ID 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 delivery. □ Available accessories. ▲ Extension hose.

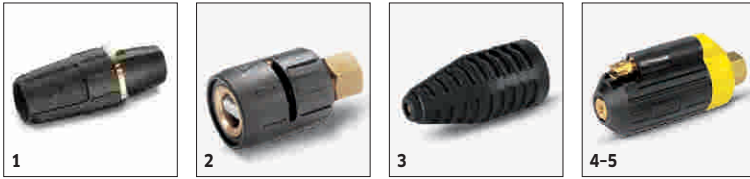
ACCESSORIES FOR HD 9/19 M 1.524-320.0



| | | 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 | | | | | | ■ |
| 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 delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M 1.524-320.0



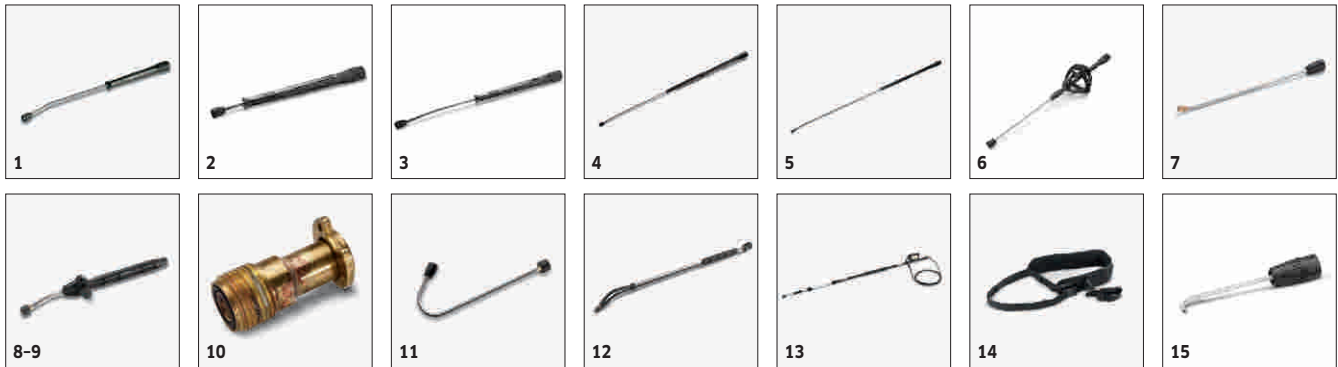
| | | Order no. | Max. working pressure | Nozzle size | | | Price | Description | |
|--|---|-------------|-----------------------|-------------|--|--|-------|--|---|
| Triple nozzles | | | | | | | | | |
| Triple nozzle 053 | 1 | 4.767-155.0 | 300 bar | 53 | | | | Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For machines with an injector, the low-pressure flat stream is useful for cleaning agent suction and application. Connection M 18 x 1.5. | ■ |
| Angled vario nozzle 0-90° | | | | | | | | | |
| Variable angle nozzle 0-90° | 2 | 4.763-058.0 | | 55 | | | | Variable angle nozzle for spray angle adjustment from 0° to 90°. For easy adjustment to all kinds of soiling and surfaces. | □ |
| Dirt blaster, large | | | | | | | | | |
| Dirt blaster | 3 | 4.763-250.0 | 300 bar | 55 | | | | 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. | □ |
| Inaktiv | | | | | | | | | |
| PCH / rotary nozzle 055/060, cleaning agent changeover | 4 | 4.763-949.0 | 300 bar | 55 | | | | | □ |
| Inaktiv | | | | | | | | | |
| Dirt blaster with changeover to fan jet | 5 | 4.763-955.0 | 300 bar | 55 | | | | | □ |

■ Included in delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M

1.524-320.0

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| | | 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 lances | | | | | | | | |
| Vibrasoft lance | 6 | 6.415-951.0 | 250 bar | 950 mm | | | The spring-loaded 360° loop handle significantly reduces the vibrations on the spray lance, reducing the physical burden on the user, e.g. when working with the dirt blaster. | □ |
| Spray lance | | | | | | | | |
| 250 mm lance, non-rotatable | 7 | 4.760-667.0 | | 250 mm | | | 250 mm stainless steel lance. With manual coupling. Non-rotatable. | □ |
| Variable pressure spray lance | | | | | | | | |
| Variable pressure spray lance | 8 | 4.760-362.0 | | 670 mm | | | 670 mm variable pressure lance with integrated pressure gauge. Variable pressure adjustment on the handle. Nozzle connector: M 24 x 1.5. Low pressure detergent application. | □ |
| Variable pressure lance | 9 | 4.760-230.0 | | 1040 mm | | | 1040 mm pressure adjustable lance with integrated pressure gauge. Variable pressure adjustment on the handle. Nozzle connector: M 24 x 1.5. Low pressure detergent application. | □ |
| Adapter for variable pressure spray lance | | | | | | | | |
| Adapter for variable pressure lance | 10 | 4.762-075.0 | | | | | For items 4.760-230 and 4.760-362 for mounting accessories to lance, M 24/18 x 1.5 | □ |
| Angular spray lance | | | | | | | | |
| Spray lance for toilets and rain gutters | 11 | 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 | 12 | 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. | □ |
| Telescopic spray lance | | | | | | | | |
| Telescopic spray lance | 13 | 6.394-690.0 | 225 bar | | | | 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 | 14 | 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 | 15 | 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. | □ |

■ Included in delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M 1.524-320.0



| | | Order no. | Max. working pressure | Length | | | Price | Description | |
|----------------------------------|----|-------------|-----------------------|--------|--|--|-------|---|--------------------------|
| Undercarriage spray lance | | | | | | | | | |
| Underbody lance | 16 | 4.760-245.0 | | 700 mm | | | | Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle. | <input type="checkbox"/> |

■ Included in delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M

1.524-320.0



| | | Order no. | | | | | Price | Description | |
|----------------------|---|-------------|--|--|--|--|-------|--|--------------------------|
| Miscellaneous | | | | | | | | | |
| Backflow check valve | 1 | 6.412-578.0 | | | | | | So that none of the cleaning agent ends up in the drinking water circulation when there is low pressure in the water line. | <input type="checkbox"/> |

■ Included in delivery. □ Available accessories. ▲ Extension hose.

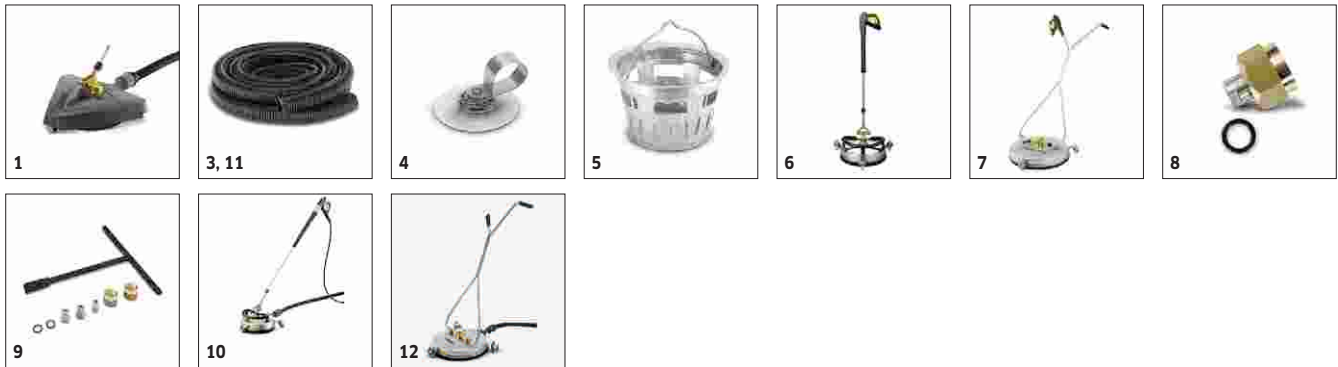
ACCESSORIES FOR HD 9/19 M 1.524-320.0



| | | Order no. | | | | | Price | Description | |
|----------------------|---|-------------|--|--|--|--|-------|--|--------------------------|
| Y distributor | | | | | | | | | |
| Y distributor | 1 | 4.405-048.0 | | | | | | Offers the option to connect two spray units to the machine. Installation on the high pressure outlet. | <input type="checkbox"/> |

■ Included in delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M 1.524-320.0



| | | Order no. | Flow rate | Nozzle size | Diame- ter | 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"/> |
| Rubber lip for FRV 30 | 2 | 2.642-910.0 | | | | | For smooth floors indoors. The squeegee increases the suction performance of the FRV 30 and minimises the amount of water remaining. This means the floor is dry in just a few minutes. | <input type="checkbox"/> |
| Extension hose 5 m | 3 | 4.440-939.0 | | | | | 5m extension hose for FRV 30. Connection sleeve included. | <input type="checkbox"/> |
| Hose fastening attachment kit | 4 | 2.642-528.0 | | | | | Suction cup for fixing the suction hose to smooth surfaces. | <input type="checkbox"/> |
| Dirt trap attachment kit | 5 | 2.642-532.0 | | | | | Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas. | <input type="checkbox"/> |
| FRV 30 Me surface cleaner | | | | | | | | |
| Hard surface cleaner FR 30 Me | 6 | 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 | 7 | 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 | 8 | 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 | 9 | 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 | 10 | 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 | 11 | 4.441-040.0 | | | | | 5 m extension hose for FRV 30 Me. Includes connecting adapter. | <input type="checkbox"/> |
| Surface Cleaner FR 50 Me | | | | | | | | |
| FRV 50 ME | 12 | 2.643-598.0 | | | | | | <input type="checkbox"/> |

■ Included in delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M 1.524-320.0



| | | | | | | | | 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"/> |
| Rotary coupling | | | | | | | | | | | | | | | |
| Rotary coupling | 3 | | 4.401-091.0 | | | | | | | | | | | Reliably prevents twisting of HP hoses. Connection M 22 x 1.5 m. Handle protection | <input type="checkbox"/> |
| Coupling | | | | | | | | | | | | | | | |
| Coupler -2xM22x1,5 | 4 | | 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 | 5 | | 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"/> |
| Adapters | | | | | | | | | | | | | | | |
| Sealing cone complete | 6 | | 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 | 7 | | 4.111-029.0 | | | | | | | | | | | Adapter 1 to connect the old hose with the new hose | <input type="checkbox"/> |
| Adapter 2 M22IG-TR22AG | 8 | | 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 | 9 | | 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 | 10 | | 4.111-032.0 | | | | | | | | | | | Adapter 4 to connect the new gun with the old swivel hose | <input type="checkbox"/> |
| Adapter 5 TR22IG-M22AG | 11 | | 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 | 12 | | 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 | 13 | | 4.111-035.0 | | | | | | | | | | | Adapter 7 to connect the old spray lance with the new nozzle | <input type="checkbox"/> |
| Adapter 8 TR20IG-M18AG | 14 | | 4.111-036.0 | | | | | | | | | | | Adapter 8 to connect the new spray lance with the old nozzle | <input type="checkbox"/> |
| Cleaning agent injector | | | | | | | | | | | | | | | |
| Stainless steel injector kit for HD 9/20-4M | 15 | | 6.645-760.0 | | | | | | | | | | | For a working pressure of 300 bar at 95°C water temperature, this stainless steel injector was developed specifically for the HD 9/20-4 M high-pressure cleaner. With suction hose and vacuum filter. | <input type="checkbox"/> |
| Dosing valve for stainless steel injector | 16 | | 6.500-000.0 | | | | | | | | | | | Retrofittable dosing valve for stainless steel injectors. For easy, convenient and precise cleaning agent dosing adjustment via a control knob. | <input type="checkbox"/> |
| Cleaning agent injector for high pressure (without nozzle) | 17 | | 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) | 18 | | 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 | 19 | | 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 | 20 | | 4.769-047.0 | | | | | | | | | | | | <input type="checkbox"/> |

■ Included in delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M 1.524-320.0



| | | Order no. | | | | | Price | Description | |
|---|----|-------------|--|--|--|--|-------|---|--------------------------|
| Nozzle insert with order no. 4.637-032.0 | | | | | | | | | |
| Nozzle insert up to 1,100 l/h - high pressure | 21 | 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"/> |
| Nozzle insert up to 1,100 l/h - low pressure | 22 | 4.769-001.0 | | | | | | For low pressure with machines up to 1.100 l/h | <input type="checkbox"/> |

■ Included in delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M 1.524-320.0

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| | | Order no. | Max. working pressure | Nozzle size | Diameter | Price | Description | |
|---|----|-------------|-----------------------|-------------|----------|-------|---|--------------------------|
| HKF 50 spray head, brass | | | | | | | | |
| HKF 50 spray head, brass | 1 | 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"/> |
| | 2 | 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 | 3 | 6.415-444.0 | | 30 | | | Nozzle for dual-nozzle operation | <input type="checkbox"/> |
| Cone for plugging into bungholes | 4 | 4.132-002.0 | | | | | Cone for plugging into bungholes | <input type="checkbox"/> |
| Double grip for precise control of spray head | 5 | 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 | 6 | 5.411-061.0 | | | | | Screw plug for using a spray head with one nozzle | <input type="checkbox"/> |
| Nozzle 070 for HKF 50 | 7 | 6.415-077.0 | | 70 | | | Nozzle for dual-nozzle operation | <input type="checkbox"/> |
| Pipe cleaning hose, ID 6 | | | | | | | | |
| Pipe cleaning hose, DN 6, 20 m, max. 120 bar | 8 | 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 | 9 | 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 | 10 | 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 D 25 / 060 | 11 | 6.415-945.0 | | 60 | 25 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 D 30 / 060 | 12 | 6.415-947.0 | | 60 | 30 mm | | | <input type="checkbox"/> |
| Pipe cleaning dirt blaster D 35 / 060 | 13 | 6.415-949.0 | | 60 | 35 mm | | | <input type="checkbox"/> |
| Pipe cleaning nozzle 080 | 14 | 5.763-087.0 | | 80 | 25 mm | | Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle. | <input type="checkbox"/> |
| Pipe cleaning nozzle | 15 | 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"/> |
| | 16 | 5.763-016.0 | | 60 | 16 mm | | | <input type="checkbox"/> |
| | 17 | 5.763-017.0 | | 50 | 30 mm | | | <input type="checkbox"/> |
| Rotating pipe cleaning nozzle | 18 | 6.415-428.0 | | 50 | 16 mm | | Pipe cleaning nozzle with four rotating jets and 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"/> |

■ Included in delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M 1.524-320.0



| | | Order no. | Nozzle size | | | | Price | Description | |
|---|---|-------------|-------------|--|--|--|-------|---|--------------------------|
| HP nozzle spray angle 0° | | | | | | | | | |
| High-pressure nozzle with 0° spray angle | 1 | 2.884-536.0 | 55 | | | | | High-pressure nozzle with powerful jet for extremely stubborn dirt. | <input type="checkbox"/> |
| Power nozzle spray angle 15° | | | | | | | | | |
| Power nozzle spray angle 15° | 2 | 2.883-390.0 | 55 | | | | | Fan jet nozzle with 15° spray angle suitable for stubborn dirt. | <input type="checkbox"/> |
| Power nozzle spray angle 25° | | | | | | | | | |
| Power nozzle spray angle 25° | 3 | 2.883-401.0 | 55 | | | | | | <input type="checkbox"/> |
| 25° power nozzle for cleaning agent suction | 4 | 2.884-521.0 | 250 | | | | | | <input type="checkbox"/> |
| Power nozzle spray angle 40° | | | | | | | | | |
| Power nozzle spray angle 40° | 5 | 2.884-525.0 | 55 | | | | | Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces. | <input type="checkbox"/> |

■ Included in delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M

1.524-320.0

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| | | 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 delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M

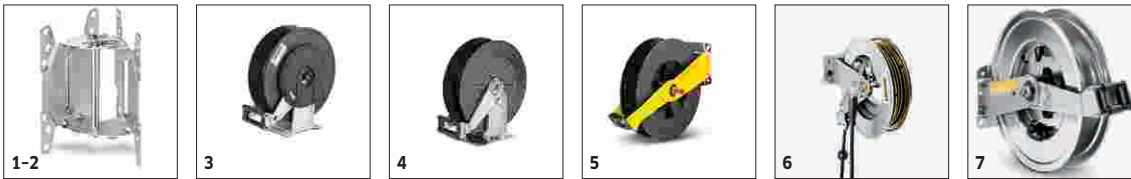
1.524-320.0



| | | Order no. | Flow rate | | | | Price | Description | |
|--|---|-------------|--------------|--|--|--|-------|--|--------------------------|
| Cup foam lance | | | | | | | | | |
| Cup foam lance Advanced 025 | 1 | 6.394-968.0 | | | | | | 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"/> |
| Cup foam lance | 2 | 6.394-668.0 | 1200 l/h | | | | | | <input type="checkbox"/> |
| 1-litre cleaning agent container for foam lance | 3 | 6.414-954.0 | | | | | | Additional 1-litre cleaning agent container for quick replacement of the cleaning agent (for foam lance 6.394-668) | <input type="checkbox"/> |
| Inno Foam Kit | | | | | | | | | |
| Inno Foam Set with detergent injector | 4 | 2.640-151.0 | | | | | | 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 with RM injector | 5 | 2.640-691.0 | | | | | | 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 | 6 | 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 | 7 | 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 delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M 1.524-320.0

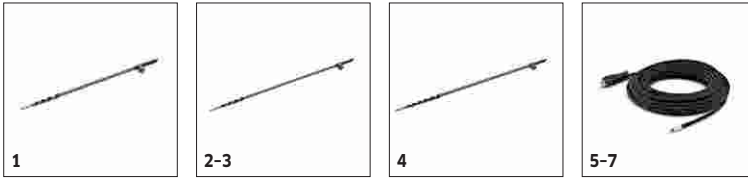


| | | Order no. | Length | | | | Price | Description | |
|--|---|-------------|--------|--|--|--|-------|--|--------------------------|
| Automatic, self-winding hose reels for wall mounting | | | | | | | | | |
| Powder-coated swivel holder | 1 | 2.639-931.0 | | | | | | Swivel holder for automatic hose reel wall mounting. For maximum action radius and flexibility of high-pressure hose. Rotatable 120°. Galvanised steel. | <input type="checkbox"/> |
| Stainless steel swivel holder | 2 | 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"/> |
| Automatic hose reel, powder-coated steel / plastic | 3 | 6.392-975.0 | 20 m | | | | | 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 | 4 | 6.392-965.0 | 20 m | | | | | 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 | 5 | 2.639-919.0 | 20 m | | | | | Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose. | <input type="checkbox"/> |
| Automatic hose reel, stainless steel, includes swivel holder | 6 | 6.391-421.0 | 20 m | | | | | Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose. | <input type="checkbox"/> |
| ABS automatic stainless steel hose drum | 7 | 2.641-866.0 | 20 m | | | | | High-grade, automatic steel hose reel. Especially suitable for use in the food industry. The material and finish provide for a corrosion-resistant, watertight capsuled sprong drive. Connection for HP hoses with nipple. | <input type="checkbox"/> |

■ Included in delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M

1.524-320.0



| | | Order no. | Flow rate | Inlet temperature | Length | Length | Price | Description | |
|---|---|-------------|-----------|-------------------|--------|--------|-------|---|--------------------------|
| Solar cleaning - telescopic lances | | | | | | | | | |
| iSolar TL 7 H (without hose) | 1 | 4.107-054.0 | | 60 °C | | | | Telescopic rod made from a carbon/fibreglass mixture for maximum rigidity with minimum weight. With 7.2 m max. reach and practical quick-release couplings for easy extension and retraction. | <input type="checkbox"/> |
| iSolar TL 10 H (without hose) | 2 | 4.107-053.0 | | 60 °C | | | | Telescopic rod made from a carbon/fibreglass mixture for maximum rigidity with minimum weight. With 10 m max. reach and practical quick-release couplings for easy extension and retraction. | <input type="checkbox"/> |
| iSolar TL 10 C (without hose) | 3 | 4.107-055.0 | | 60 °C | | | | The full carbon telescopic lance offers maximum rigidity with minimal weight. It has a reach of up to 10 m and is fitted with practical quick-release couplings - for convenient extension and retraction. The speed is regulated via ball tap, guaranteeing easy handling. For occupational safety reasons, the lowest lance element is made from a carbon-fibreglass mixture for electrical insulation. | <input type="checkbox"/> |
| iSolar TL 14 C (without hose) | 4 | 4.107-052.0 | | 60 °C | | | | Full carbon telescopic rod for maximum rigidity with minimal weight. With 14 m max. reach and practical quick-release couplings for easy extension and retraction. | <input type="checkbox"/> |
| iSolar HP hose 7 | 5 | 6.392-978.0 | | 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 | 6 | 6.392-977.0 | | 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 | 7 | 6.392-976.0 | | 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 delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M 1.524-320.0



| | | 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"/> |
| | 2 | 4.762-497.0 | | | | | | The wash brush is fitted directly onto the devices' new dual and triple nozzles using clamping. | <input type="checkbox"/> |
| Rotating washing brush | | | | | | | | | |
| Rotating wash brush for > 800 l/h machines | 3 | 4.762-559.0 | 900-1300 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"/> |
| | 4 | 4.762-562.0 | 900-1300 l/h | | | | | | <input type="checkbox"/> |

■ Included in delivery. □ Available accessories. ▲ Extension hose.

ACCESSORIES FOR HD 9/19 M

1.524-320.0

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| | | Order no. | Length | Diameter | | Price | Description | |
|---|----|-------------|--------|----------|--|-------|--|--------------------------|
| Geka coupling | | | | | | | | |
| Geka connector with hose barb, R 1/2" | 1 | 6.388-461.0 | | | | | with hose liner | <input type="checkbox"/> |
| Geka connector with hose barb, R 3/4" | 2 | 6.388-455.0 | | | | | | <input type="checkbox"/> |
| Geka connector with hose barb, R 1" | 3 | 6.388-465.0 | | | | | with hose barb | <input type="checkbox"/> |
| Geka connector with internal thread, R 1" | 4 | 6.388-458.0 | | | | | with female thread | <input type="checkbox"/> |
| Suction filter | | | | | | | | |
| Water suction filter | 5 | 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 | 6 | 4.730-012.0 | | | | | Brass suction filter suitable for ponds, storage tanks, etc. With check valve. | <input type="checkbox"/> |
| Water fine filter | | | | | | | | |
| Water fine filter, with adapter | 7 | 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 supply hose | | | | | | | | |
| Water supply hose | 8 | 4.440-038.0 | 7.5 m | | | | NW 13 R1" / R 3/4", up to 30 °C | <input type="checkbox"/> |
| | 9 | 4.440-207.0 | 7.5 m | | | | NW 19 R1" / R 3/4", up to 85 °C, for pick-up | <input type="checkbox"/> |
| | 10 | 4.440-270.0 | 7.5 m | | | | NW 19 R1" / R1", up to 85 °C | <input type="checkbox"/> |
| Backflow check valve | | | | | | | | |
| Backflow preventer | 11 | 2.641-374.0 | | | | | To prevent detergent getting into the drinking water cycle in case of inlet at low-pressure. - hot water resistant up to 80 °C - tested according to IEC 60335-2-79 - integrated leakage protection | <input type="checkbox"/> |

■ Included in delivery. □ Available accessories. ▲ Extension hose.