

## HDS 8/18-4 C

The HDS 8/18-4 C, the most powerful 3-phase hot water high-pressure cleaner in the compact class. Comes with ecoefficiency and steam stage, 3-piston axial pump and EASY!Force Advanced gun.



Made in Germany



### Order No.

1.174-918.0

- Compact and powerful, water-cooled 4-pole motor with axial pump
- 10-metre-long high-pressure hose, modular electronics like in M/S class, storage compartment for accessories
- EASY!Force Advanced with servo control controller, detergent tank, steam stage

### Technical data

EAN code		4066529057044
Number of phases	Phases	3
Voltage	Volt	400
Frequency	Hertz	50
Flow rate	Litres per hour	300 - 800
Working pressure	Bar / Mega pascal	30 - 180 / 3 - 18
Max. pressure	Bar	220
Temperature (feed 12 °C)	Celsius	Minimum 80 - Maximum 155
Connected load	Kilowatt	6
Consumption of fuel oil at full load	Kilograms per hour	5.2
Heating oil consumption, ecoefficiency	Kilograms per hour	4.2
Power cable	Metre	5
Nozzle size		025
Fuel tank	Litre	15
Weight (with accessories)	Kilogram	119.4
Weight incl. packaging	Kilogram	131.187
Dimensions (L × W × H)	Millimetre	1066 × 650 × 920

This machine requires instruction.

### Scope of supply

Spray gun: EASY!Force Advanced  
 Spray lance: 1050 Millimetre  
 Power nozzle  
 Servo Control

### Equipment

High-pressure hose length: 10 Metre  
 Soft Damping System (SDS)  
 Pressure cut-off



## High efficiency

- eco!efficiency mode - economical and environmentally friendly, even during longer periods of use.
- Reduces fuel consumption and CO<sub>2</sub> emissions by 20%.

## Wide-ranging accessories with EASY!Lock

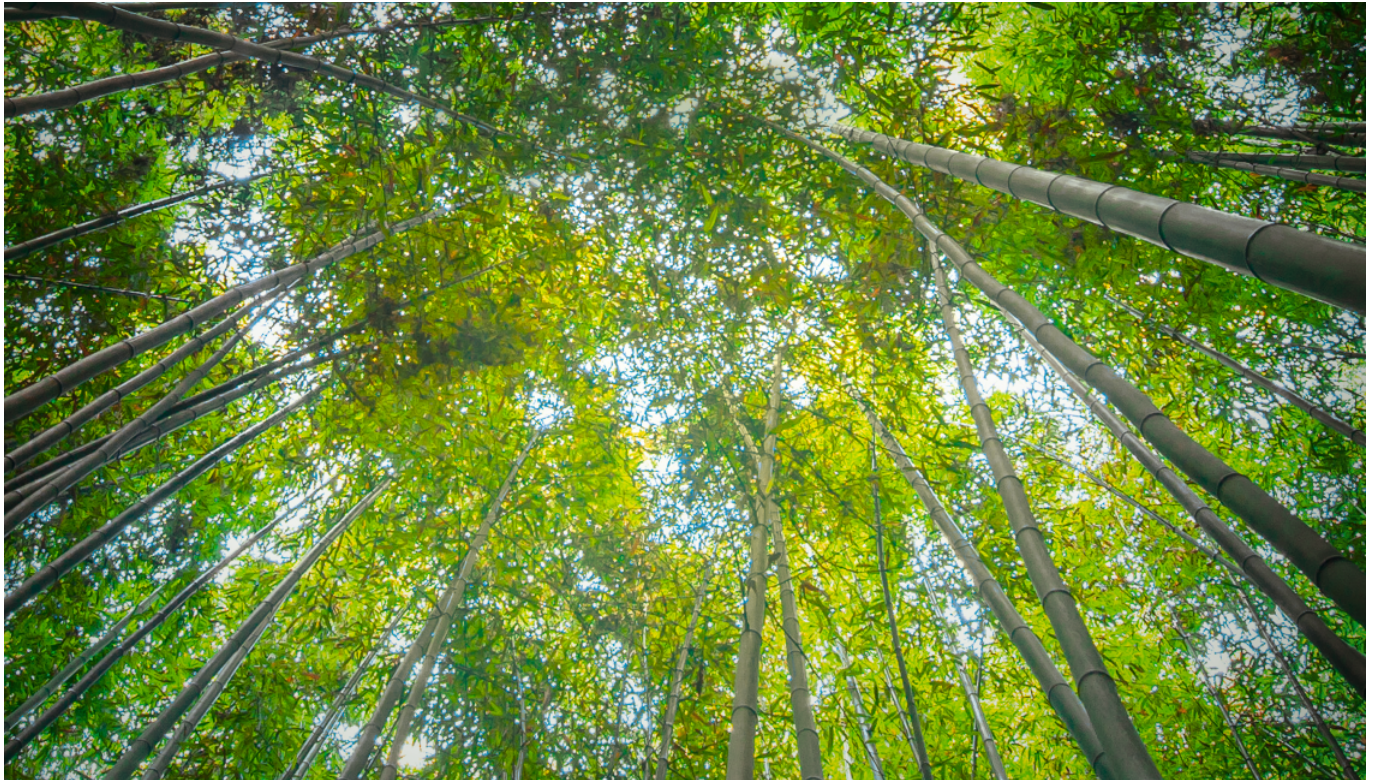
- EASY!Force Advanced for fatigue-free work without any holding force.
- Pressure and water volume can be adjusted on the Servo Control controller positioned between the lance and trigger gun.
- Rotating 1050 mm stainless steel lance.

## Operational reliability

- Easy-to-access water filter protects the pump against dirt particles in the water.
- Safety valves, water shortage and fuel protection ensure the availability of the machine.

**SUSTAINABILITY INFORMATION FROM HDS 8/18-4 C**

**1.174-918.0**



**Sustainability features**

**eco!Mode (energy saving mode)**

<b>Energy saving</b>	<b>Percent</b>	20	Comparison of the maximum level with the manufacturer's eco!Mode setting. Does not apply to individually adjustable eco!Mode.
<b>Fuel efficiency ratio (maximum vs eco!Mode)</b>	<b>Percent</b>	20	Comparison of the maximum flow rate with the manufacturer's eco!Mode setting. Does not apply to the individually adjustable eco!Mode.

## EQUIPMENT FOR HDS 8/18-4 C

### 1.174-918.0



		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.	■
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.	□
Conversion kit 2 from device	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.	□
Conversion kit 3 only EASY!Force	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 Litres per hour	5	4.118-007.0	Servo control for water flow and pressure control (< 750 l/h) on trigger gun.	■
<b>SPRAY LANCES</b>				
<b>Rotating spray lances</b>				
Spray lance, 1050 Millimetre, 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 Millimetre, rotatable	8	4.112-027.0	Spray lance, 250 mm, rotatable, ergonomic	□
Spray lance, 400 Millimetre, rotatable	9	4.112-024.0	Spray lance, 400 mm, rotatable, ergonomic	□
Spray lance, 600 Millimetre, 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 Millimetre, 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 Millimetre, 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 Millimetre, 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 Millimetre	14	4.112-048.0	Spray lance extension with EASY!Lock connection. Length 1000 mm.	□

■ Included in delivery. □ Available accessories.

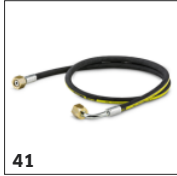
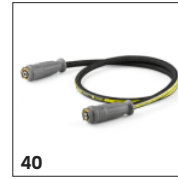
## EQUIPMENT FOR HDS 8/18-4 C 1.174-918.0



		Order No.	Description	
<b>SPRAY LANCES</b>				
<b>Double lance</b>				
Double lance, 960 Millimetre	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 Millimetre	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. Regularly changing your posture relieves the strain on your body, making work more relaxed. Thanks to the 360°-rotatable spray lance, the additional handle can simply be fully rotated whilst working for greater flexibility.	<input type="checkbox"/>
<b>KÄRCHER POWER NOZZLE</b>				
<b>Power nozzle spray angle 25°</b>				
Power nozzle 25Degrees, 043	22	2.113-008.0	Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.	<input checked="" type="checkbox"/>
<b>HP nozzle spray angle 0°</b>				
Power nozzle 0Degrees, 045	23	2.113-033.0	High-pressure nozzle with powerful jet for extremely stubborn dirt.	<input type="checkbox"/>
<b>Power nozzle spray angle 15°</b>				
Power nozzle 15Degrees, 045	24	2.113-046.0	Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	<input type="checkbox"/>
<b>Power nozzle spray angle 40°</b>				
Power nozzle 40Degrees, 045	25	2.113-053.0	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, 10 Metre, DN 6, 250 Bar, 2 × EASY!Lock	26	6.110-035.0	10 m long high-pressure hose (DN 6) equipped with EASY!Lock manual screw fitting on both sides. Suitable up to 250 bar and with ANTI!Twist.	<input checked="" type="checkbox"/>
High-pressure hose, 10 Metre, DN 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 Metre, DN 6, 250 Bar, 2 × EASY!Lock	28	6.110-034.0	10 m long high-pressure hose with EASY!Lock manual screw fitting on both sides. Nominal size DN 6, suitable up to 250 bar.	<input type="checkbox"/>

■ Included in delivery. □ Available accessories.

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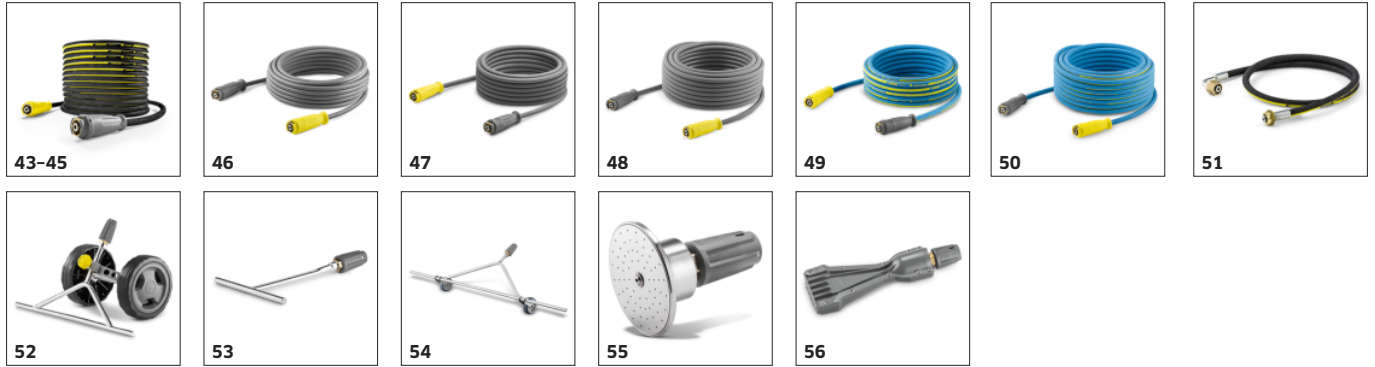


		Order No.	Description	
<b>HIGH-PRESSURE HOSES</b>				
<b>Standard with unions on both sides</b>				
High-pressure hose, 10 Metre, DN 6, 300 Bar, 2 × EASY!Lock	29	6.110-056.0	High-pressure hose (DN 6) equipped with ANTI!Twist and the new EASY!Lock manual screw fitting on both sides. For pressures up to 300 bar. 10 m long.	<input type="checkbox"/>
High-pressure hose, 10 Metre, DN 8, 315 Bar, 2 × EASY!Lock	30	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"/>
High-pressure hose, 15 Metre, DN 8, 315 Bar, 2 × EASY!Lock	31	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 type="checkbox"/>
High-pressure hose, 20 Metre, DN 8, 315 Bar, 2 × EASY!Lock	32	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 Metre, DN 8, 315 Bar, 2 × EASY!Lock	33	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 Metre, DN 10, 220 Bar, 2 × EASY!Lock	34	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 Metre, DN 10, 220 Bar, 2 × EASY!Lock	35	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 Metre, DN 10, 220 Bar, 2 × EASY!Lock	36	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, 40 Metre, DN 10, 220 Bar, 2 × EASY!Lock	37	6.110-045.0	40 m long high-pressure hose with EASY!Lock system for the time-saving manual screw connection (both sides). Nominal size (DN) 10, working pressure up to 220 bar.	<input type="checkbox"/>
High-pressure hose, 15 Metre, DN 12, 210 Bar, 2 × EASY!Lock	38	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 Metre, DN 12, 210 Bar, 2 × EASY!Lock	39	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 Metre, DN 8, 400 Bar, 2 × EASY!Lock	40	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 Metre, DN 8, 400 Bar, 1 × EASY!Lock / 1 × M22 × 1,5	41	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 Metre, DN 8, 400 Bar, 2 × EASY!Lock	42	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"/>

Available accessories.

## EQUIPMENT FOR HDS 8/18-4 C

### 1.174-918.0



		Order No.	Description	
<b>HIGH-PRESSURE HOSES</b>				
<b>Longlife 400 with unions on both sides</b>				
High-pressure hose Longlife, 30 Metre, DN 8, 400 Bar, 2 × EASY!Lock	43	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 Metre, DN 8, 400 Bar, 2 × EASY!Lock	44	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 Metre, DN 8, 400 Bar, 2 × EASY!Lock	45	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>Food industry version with unions on both sides</b>				
High-pressure hose food grade, 15 Metre, DN 6, 250 Bar, 2 × EASY!Lock	46	6.110-063.0	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 food grade, 10 Metre, DN 8, 250 Bar, 2 × EASY!Lock	47	6.110-051.0	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 × 1.5 with anti-kink sleeve.	<input type="checkbox"/>
High-pressure hose food grade, 20 Metre, DN 8, 250 Bar, 2 × EASY!Lock	48	6.110-052.0	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 × 1.5, with kink protection. NW 8/155°C/250 bar.	<input type="checkbox"/>
<b>Longlife food industry version with unions on both sides</b>				
High-pressure hose food grade Longlife, 10 Metre, DN 8, 400 Bar, 2 × EASY!Lock	49	6.110-053.0	Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With rotary coupling, 2 × M 22 × 1,5	<input type="checkbox"/>
High-pressure hose food grade Longlife, 20 Metre, DN 8, 400 Bar, 2 × EASY!Lock	50	6.110-054.0	Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With patented AVS connection in the pistol (pivot mounted)	<input type="checkbox"/>
<b>Special hoses</b>				
High-pressure hose curved, 1.5 Metre, DN 8, 400 Bar, 1 × EASY!Lock / 1 × M22 × 1.5	51	6.110-068.0	For connection to hose reels: high-pressure hose, with M 22 × 1.5 connection and curved EASY!Lock hand screw connection. 1.5 m long, suitable for up to 400 bar working pressure.	<input type="checkbox"/>
<b>WEED CONTROL</b>				
WR 50	52	2.114-013.0	In combination with a hot water high-pressure cleaner from Kärcher, the 50 cm wide weed remover WR 50 is ideal for removing weeds. It comes with an adaptive chassis and nozzle adapter.	<input type="checkbox"/>
WR 20 trapezoidal thread	53	2.114-014.0	For thorough weed removal: The WR 20 weed remover for use with a hot water high-pressure cleaner from Kärcher. Equipped with a 20 cm wide nozzle bar and nozzle adapter.	<input type="checkbox"/>
WR 100	54	2.114-015.0	Comfortable and fast weed removal: WR 100 weed remover with chassis, 100 cm wide nozzle bar and integrated nozzle adapter for use with hot water high-pressure cleaners.	<input type="checkbox"/>
WR 10	55	2.114-016.0	In combination with hot water high-pressure cleaners our WR 10 weed remover enables fast and thorough weed removal. With 10 cm spray head and nozzle adapter.	<input type="checkbox"/>
<b>ECO!BOOSTER</b>				
eco!Booster TR 045	56	2.113-087.0	eco!Booster with 50% more area performance than the Kärcher power nozzle; suitable for delicate surfaces. For cold and hot water high-pressure cleaners (nozzle size 045).	<input type="checkbox"/>

Available accessories.

## EQUIPMENT FOR HDS 8/18-4 C 1.174-918.0



	Order No.	Description	
<b>ECO!BOOSTER</b>			
Eco!Booster MAX TR 045	57	2.113-096.0	<input type="checkbox"/>
<b>QUICK CONNECT</b>			
Quick coupling	58	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 × 1.5 internal thread. <input type="checkbox"/>
Male coupling	59	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 × 1.5 external thread. <input type="checkbox"/>
<b>DRUM AND TANK CLEANING</b>			
Add-on kit mud sucker	60	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>ADD ON KITS</b>			
Elapsed time counter attachment kit	61	2.853-192.0	Elapsed time counter attachment kit for determining the appliance running time. <input type="checkbox"/>
<b>OTHER HP ACCESSORIES</b>			
Jet gun	62	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>FLUE PIPE</b>			
Flue gas adapter	63	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"/>
	64	4.656-080.0	
<b>SEALS FOR TRAPEZOIDAL THREAD</b>			
Gasket set with 9x O-rings for TR thread	65	2.880-001.0	<input type="checkbox"/>
<b>ROTARY NOZZLES (DIRT BLASTERS)</b>			
<b>Dirt blaster, large</b>			
Dirt blaster, large, 045	66	4.114-042.0	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>MULTIPLE-JET NOZZLES</b>			
<b>Angle vario nozzle 0°-90°</b>			
Angled vario nozzle, 055	67	4.113-008.0	Variable angle nozzle for spray angle adjustment from 0° to 90°. For easy adjustment to all kinds of soiling and surfaces. <input type="checkbox"/>
<b>STEAM NOZZLE / NOZZLE PROTECTOR / ROLLOVER NOZZLE</b>			
<b>Steam nozzle</b>			
Steam jet nozzle 50Degrees	68	4.116-000.0	Steam jet nozzle with 50°fan jet. For cleaning and thawing in steam stage. For thawing sand and gravel, de-icing formwork material or de-waxing vehicles. <input type="checkbox"/>
Steam jet nozzle 40Degrees, 050	69	2.114-002.0	Brass steam nozzle for operation of the HDS in steam stage. <input type="checkbox"/>
Steam jet nozzle 40Degrees, 060	70	2.114-004.0	

Available accessories.

## EQUIPMENT FOR HDS 8/18-4 C 1.174-918.0



		Order No.	Description	
<b>STEAM NOZZLE / NOZZLE PROTECTOR / ROLLOVER NOZZLE</b>				
<b>Rollover nozzle holder</b>				
Owner of jets double brass	71	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>				
Protection part TR only for replacement	72	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	73	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, ID 6, 20 m, max. 250 bar	74	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	75	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"/>
<b>Pipe cleaning nozzle</b>				
Dirt blaster pipe cleaning D21/060	76	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	77	4.765-005.0		<input type="checkbox"/>
Nozzle pipe cleaning size 120	78	5.763-089.0	Pipe cleaning nozzle with 24 mm diameter. With 8 nozzles tilted back at a 30° angle.	<input type="checkbox"/>
Pipe cleaning nozzle	79	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"/>
	80	5.763-016.0		<input type="checkbox"/>
	81	5.763-017.0	30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	<input type="checkbox"/>
Rotating pipe cleaning nozzle	82	6.415-440.0	Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.	<input type="checkbox"/>
<b>FLOOR AND HARD SURFACE CLEANER</b>				
<b>Hard Surface Cleaner FRV 30</b>				
Add-on kit hose attachment	83	2.642-528.0	Suction cup for fixing the suction hose to smooth surfaces.	<input type="checkbox"/>
Add-on kit dirt trap	84	2.642-532.0	Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	<input type="checkbox"/>

Available accessories.

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		Order No.	Description	
<b>FLOOR AND HARD SURFACE CLEANER</b>				
<b>Hard surface cleaner FR 30 ME</b>				
FR 30 ME surface cleaner	85	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>				
Surface Cleaner FR 50 Me	86	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, 650 Litres per hour - 850 Litres per hour	87	2.639-187.0	Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (650 to 850 l/h).	<input type="checkbox"/>
<b>Machine-specific nozzle kits for FRV</b>				
Nozzle kit for FRV, 045	88	2.642-432.0	Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	<input type="checkbox"/>
<b>FRV 30 Me surface cleaner</b>				
FRV 30 ME	89	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"/>
Suction hose FRV 30 me	90	4.441-040.0	5 m extension hose for FRV 30 Me. Includes connecting adapter.	<input type="checkbox"/>
<b>FOAM SYSTEMS</b>				
<b>Cup foam lance</b>				
Cup foam lance Advanced 2, 700 Litres per hour - 800 Litres per hour	91	4.112-064.0	Developed for Kärcher high-pressure cleaners without servo control: The cup foam lance Advanced 2 impresses with a main body made of Ecobrass for use with aggressive cleaning agents.	<input type="checkbox"/>
Cup foam lance DUO Advanced 2, 700 Litres per hour - 800 Litres per hour	92	4.112-068.0	For pressure washers without Servo Control: The DUO Advanced 2 cup foam lance is impressive with its option for direct switching to high-pressure cleaning and two-litre detergent tank.	<input type="checkbox"/>
Cup foam lance Basic 2, 700 Litres per hour - 800 Litres per hour	93	4.112-054.0	Newly developed, very robust Basic 2 cup foam lance especially for high-pressure cleaners with a flow rate of 700-800 l/h. For excellent foam quality with half the cleaning agent consumption.	<input type="checkbox"/>
1-litre cleaning agent container for cup foam lance basic	94	5.071-414.0	For the quick change of the cleaning agent: Additional 1 litre cleaning agent container for basic foam lance (2.112-053.0, 2.112-054.0 and 2.112-055.0).	<input type="checkbox"/>
1-litre cleaning agent container for cup foam lance advanced	95	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 Kit</b>				
Inno foam kit with detergent injector	96	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	97	2.112-008.0		<input type="checkbox"/>
<b>Easy Foam Set</b>				
Easy Foam Set with RM injector	98	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"/>

Available accessories.

## EQUIPMENT FOR HDS 8/18-4 C 1.174-918.0



	Order No.	Description	
<b>FOAM SYSTEMS</b>			
<b>Easy Foam Set</b>			
Easy foam set	99	2.112-011.0 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"/>
<b>Nozzle kits for Inno/Easy Foam Set</b>			
Nozzle kit 090 Inno/Easy kit 700 - 1000 l/h	100	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	101	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)	102	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	103	4.637-033.0 Cleaning agent dosage at high pressure 3 - 5 %	<input type="checkbox"/>
Stainless steel injector kit for HD 7/18-4M/HDS 8/18-4C	104	6.645-759.0 The stainless steel injector for HD 7/18-4 M and HDS 8/18-4 C High-pressure cleaners for precise cleaning agent dosage via 10 different inserts.	<input type="checkbox"/>
<b>Machine-specific nozzle kit with order no. 3.637-170</b>			
Nozzle insert trapezoidal thread HDS-GER	105	4.769-011.0 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.	106	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	107	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	108	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	109	4.111-022.0 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	110	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	111	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	112	4.111-029.0 Adapter 1 to connect the old hose with the new hose	<input type="checkbox"/>

Available accessories.

## EQUIPMENT FOR HDS 8/18-4 C 1.174-918.0

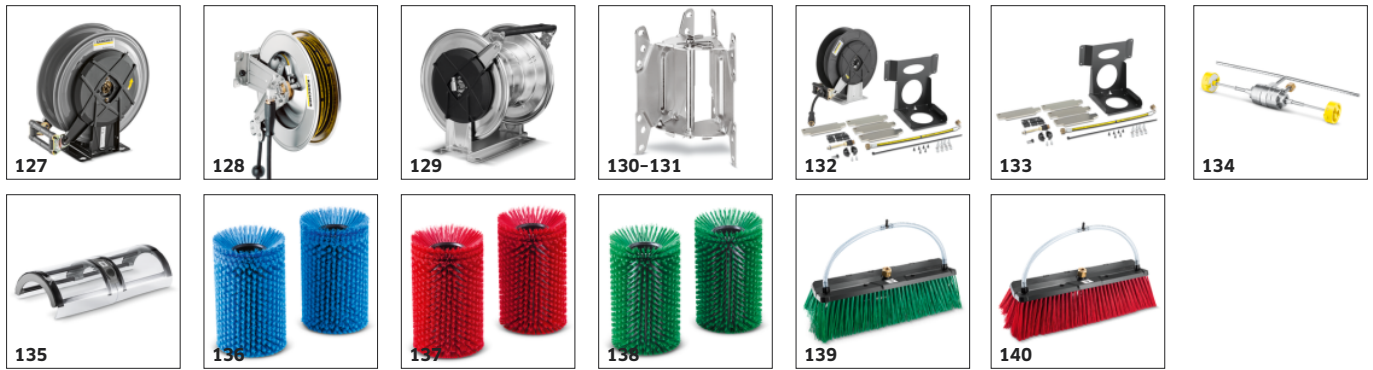


		Order No.	Description	
<b>COUPLING PARTS</b>				
<b>Adapter EASY!Lock</b>				
Adapter 2 M22IG-TR22AG	113	4.111-030.0	Adapter 2 to connect the old device with the new hose and the old gun with the new hose	<input type="checkbox"/>
Adapter 3 M22IG-TR22AG	114	4.111-031.0	Adapter 3 to connect the old gun with the new spray lance and new servo regulator	<input type="checkbox"/>
Adapter M22 - Swivel	115	4.111-032.0	M22 x 1,5female and swivel connection. For extension of high-pressure hoses with AVS connection or for usage of the telescopic lance with a high-pressure hose with AVS connection.	<input type="checkbox"/>
Adapter 5 TR22IG-M22AG	116	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	117	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	118	4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle	<input type="checkbox"/>
Adapter 8 TR20IG-M18AG	119	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle	<input type="checkbox"/>
Coupler -2xM22x1,5	120	4.111-037.0	Adapter 9 to connect the new hose with the new hose	<input type="checkbox"/>
ADAPTER for replacement TR22IG-M22AG Er	121	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 compact class, 20 Metre	122	2.110-010.0	Hose reel attachment kit for installation on the machine. For secure and space-saving storage of the high-pressure hoses (with a connection hose for the machine high-pressure outlet). Rotatable under pressure with connection for male coupling.	<input type="checkbox"/>
<b>Automatic, self-winding hose reels</b>				
Automatic plastic hose reel incl. high-pressure hose, 15 Metre	123	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 Metre	124	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 Metre	125	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 Metre	126	6.392-106.0	Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	<input type="checkbox"/>

Available accessories.

## EQUIPMENT FOR HDS 8/18-4 C

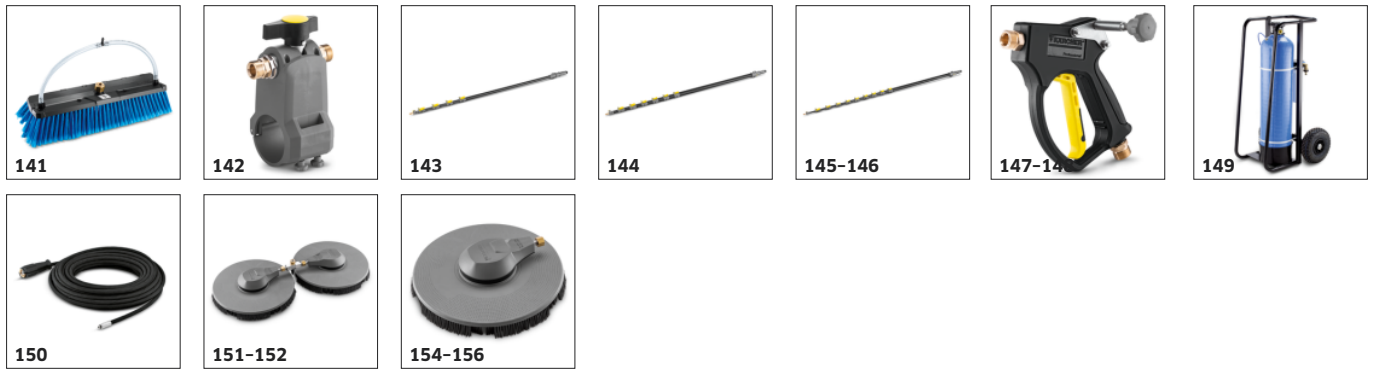
### 1.174-918.0



	Order No.	Description		
<b>HOSE REELS</b>				
<b>Automatic, self-winding hose reels</b>				
Hose reel, automatic, basalt grey-coated, 20 Metre	127	6.392-105.0	Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses. For example: order no. 6.110-011.0 (ID 8, 20 m, 315 bar) or order no. 6.110-028.0 (ID 8, 20 m, 400 bar Longlife).	<input type="checkbox"/>
Automatic hose reel, stainless steel, includes swivel holder, 20 Metre	128	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 Metre	129	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"/>
Zinc-coated swivel holder	130	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	131	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>Automatic, self-winding hose reel attachment kit</b>				
Attachment kit automatic hose reel HDS C	132	2.110-012.0	Complete automatic hose reel attachment kit for HDS compact class. Simple installation and all unit functions are accessible. Offers maximum convenience when winding and unwinding the HP hose. Contains: Automatic hose reel, HP hose and all connection parts.	<input type="checkbox"/>
Attachment kit automatic hose reel holder HDS C	133	2.110-013.0	Holder includes connection material for installing an automatic hose reel to machines from the HDS compact class.	<input type="checkbox"/>
<b>FACADE AND SOLAR PANEL CLEANING</b>				
<b>Brushes</b>				
Transmission brush complete	134	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"/>
Splash guard complete	135	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"/>
Roll soft	136	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"/>
Roll middle	137	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"/>
Roll hard	138	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 rigid hard	139	6.960-133.0	Brush with hard bristles for cleaning industry facades and floor coverings and removing coarse dirt. Simple installation on telescopic lances or high-pressure lances from Kärcher.	<input type="checkbox"/>
Brush rigid middle	140	6.960-134.0	Optimally cleans facades, 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"/>

Available accessories.

## EQUIPMENT FOR HDS 8/18-4 C 1.174-918.0



	Order No.	Description		
<b>FACADE AND SOLAR PANEL CLEANING</b>				
<b>Brushes</b>				
Brush rigid soft	141	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	142	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	143	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>Teleskopstangen</b>				
Ball valve	144	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"/>
Telescope lance glass fibre 7 m	145	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"/>
Telescope lance hybrid 7 m	146	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"/>
Telescope lance hybrid 10 m	147	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"/>
Telescope lance carbon 10 m	148	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 facades, windows or solar panels.	<input type="checkbox"/>
Telescope lance carbon 14 m	149	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"/>
Pistol	150	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	151	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	152	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	153	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>Schläuche</b>				
iSolar HP hose 7	154	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"/>

Available accessories.

## EQUIPMENT FOR HDS 8/18-4 C 1.174-918.0



	Order No.	Description	
<b>FACADE AND SOLAR PANEL CLEANING</b>			
<b>Schläuche</b>			
iSolar HP hose 10	155	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"/>
iSolar HP hose 14	156	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>			
iSolar fall protection	157	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)	158	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)	159	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 0045	160	2.112-022.0	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 4.115-000.0   4.115-006.0. <input type="checkbox"/>
<b>Boron carbide nozzle</b>			
Boron carbide nozzle, for machines as of 1000 l/h	161	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>DRUM AND TANK CLEANING</b>			
<b>Barrel and tank cleaning</b>			
Barrel cleaner BC 14/12	162	2.112-020.0	The BC 14/12 barrel cleaner is a spray unit for the interior cleaning of containers and barrels - especially oak barrels with a capacity of between 225 and 600 litres. <input type="checkbox"/>
Spray head HKF 30/14-E	163	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"/>
<b>Nozzle kit for HKF 50 spray head (3.631-009.0 / 3.631-039.0)</b>			
High-pressure full jet nozzle 030 for interior cleaning heads	164	6.415-444.0	High-pressure full jet nozzle 030 for interior cleaning heads with a spray angle of 0°, made of hardened stainless steel and with 1/8-inch thread. <input type="checkbox"/>
High-pressure full jet nozzle 090 for interior cleaning heads	165	6.415-447.0	High-pressure full jet nozzle 090 for interior cleaning heads with a spray angle of 0°, made of hardened stainless steel and with 1/8-inch thread. <input type="checkbox"/>
Double handle for exact control of the spray head	166	2.863-036.0	Double handle. Precise control of the spray head <input type="checkbox"/>
1/8" screw plug for interior cleaning heads	167	5.411-061.0	Screw plug for high-pressure interior cleaning heads with 1/8-inch thread. <input type="checkbox"/>
<b>ADD ON KITS</b>			
<b>Remote control set</b>			
Add-on kit remote control HDS M/S/C	168	2.394-005.0	<input type="checkbox"/>

Available accessories.

## EQUIPMENT FOR HDS 8/18-4 C

### 1.174-918.0



		Order No.	Description	
<b>WATER CONNECTION</b>				
<b>Geka coupling</b>				
Geka connector with hose barb, R 1/2"	169	6.388-461.0	with hose liner	<input type="checkbox"/>
Geka connector with hose barb, R 3/4"	170	6.388-455.0		<input type="checkbox"/>
Geka connector with hose barb, R 1"	171	6.388-465.0	with hose barb	<input type="checkbox"/>
Geka connector with internal thread, R 1"	172	6.388-458.0	with female thread	<input type="checkbox"/>
<b>Suction filter</b>				
Water suction filter	173	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	174	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	175	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 with adapter	176	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"/>
Fine-mesh water filter, 100 µm, R 1"	177	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"/>
<b>Water supply hose</b>				
Water supply hose	178	4.440-038.0	NW 13 R1" / R 3/4", up to 30 °C	<input type="checkbox"/>
	179	4.440-207.0	NW 19 R1" / R 3/4", up to 85 °C, for pick-up	<input type="checkbox"/>
<b>WASHING BRUSHES</b>				
<b>Push-on washing brush</b>				
Push-on wash brush, M 18 × 1.5	180	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 < 1000 l/h machines, nylon bristles	181	4.113-004.0	The rotating wash brush gently removes fine dust and traffic film from all surfaces. Temperature resistant up to 60°C. (M 18 × 1.5, replaceable brush insert).	<input type="checkbox"/>
Rotating wash brush for machines < 1000 l/h, natural bristles	182	4.113-003.0	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"/>

Available accessories.