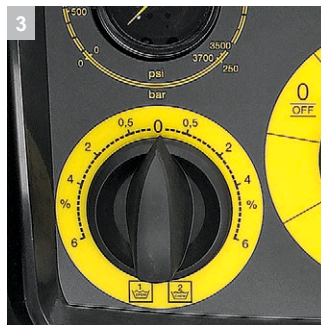




Our new medium and super class hot water high-pressure cleaners not only clean exceptionally well, they are also extremely rugged and simple to operate. The new ECO mode is unique to Kärcher. If the equipment is running on this setting, it automatically works at the most economical temperature range. This not only saves running costs, it is also good for the environment.



1 Service switch

- Water hardness can be set to four different levels.
- Access to machine operation information on duration of use and necessary service intervals.

2 LED display

- Clearly and centrally arranged on the control panel (HDS 13/20).
- Filling level display for fuel, cleaning agents and system care.

3 Detergent dosing unit

- Accurate dosing valve ensures a low consumption rate.
- Easily switched between detergent tanks 1 and 2.

4 Accessory storage

- Integrated hose reel and spray lance intake on both sides for secure transport.
- Easily accessible for left/right-handed people and perfect for two-lance operation.



HDS 12/18-4 S

- Two-spray lance operation possible
- Two cleaning agent tanks
- Economical eco/efficiency mode

Technical data

Order no.	1.071-620.0	
EAN code	4039784730908	
Supply voltage	Ph / V / Hz	3 / 400 / 50
Flow rate	l/h	600–1200
Pressure	bar / MPa	30–180 / 3–18
Max. temperature	°C	80 / 155
Connection load	kW	8.4
Heating oil consumption, full load	kg/h	7.7
Fuel tank	l	25
Weight	kg	178
Dimensions (L × W × H)	mm	1330 × 750 × 1060
Cleaning agent tank	l	20 + 10

Equipment

Spray gun	Easy Press trigger gun	
Spray gun with soft grip	■	
High-pressure hose	m	10 / Longlife / DN 8,400 bar
Spray lance	mm	1050
Power nozzle	■	
Servo Control	■	
Anti-twist system	■	
Three-piston axial pump	with ceramic piston	
Pressure switch-off	■	
Pole reversing plug (3-phase)	■	
Soft Damping System (SDS)	■	
Electronic service control	■	

■ Included in delivery.

Accessories for HDS 12/18-4 S

1.071-620.0

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		Order no.	ID	Max. working pressure	Length	Price	Description	
Standard with unions on both sides								
High-pressure hose, 15 m, ID 8, 315 bar, including rotary coupling	1	6.390-010.0	ID 8	315 bar	15 m			▲
High-pressure hose, 20 m, ID 8, 315 bar, extension piece	2	6.390-031.0	ID 8	315 bar	20 m			▲
High-pressure hose, 15 m, ID 10, 220 bar, extension piece	3	6.390-023.0	ID 10	220 bar	15 m			▲
High-pressure hose, 10 m, ID 8, 315 bar, extension piece	4	6.391-342.0	ID 8	315 bar	10 m			▲
High-pressure hose, 30 m, ID 8, including rotary coupling	5	6.390-293.0	ID 8	315 bar	30 m			▲
Longlife 400 with unions on both sides								
High-pressure hose Longlife 400, 10 m, ID 8, including rotary coupling	6	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, 20 m, ID 8, extension	7	6.390-027.0	ID 8	400 bar	20 m		with rotary coupling, 2 x M 22 x 1.5	▲
Longlife 400 high-pressure hose, 10 m, DN 8, extension piece	8	6.391-354.0	ID 8	400 bar	10 m			▲
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, 30 m, ID 8, including rotary coupling	10	6.390-294.0	ID 8	400 bar	30 m			▲
High-pressure hose 1.5 m, ID 8, including connectors	11	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	12	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	13	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	14	6.391-864.0	ID 8	400 bar	10 m		Longlife HP hose for use in the food industry. Außendecke## 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	ID 8	400 bar	20 m			▲
Longlife 400								
Longlife 400 high-pressure hose, 10 m, DN 8,	16	6.391-351.0	ID 8	400 bar	10 m			■
High-pressure hose Longlife 400, 20 m, DN 8, AVS trigger gun connector	17	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.	□
Food industry version								
High-pressure hose, 10 m, DN 8, AVS trigger gun connection, food, grey	18	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	□
High-pressure hose, 20 m, ID 8, AVS trigger gun connector, suitable for food industry, grey	19	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.	□

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

Accessories for HDS 12/18-4 S 1.071-620.0



		Order no.	ID	Max. working pressure	Length	Price	Description	
Longlife food design								
High-pressure hose Longlife 400, 10 m, ID 8, AVS trigger gun connection	20	6.391-885.0	ID 8	400 bar	10 m		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"/>
High-pressure hose Longlife 400, 20 m, ID 8, AVS trigger gun connection	21	6.391-886.0	ID 8	400 bar	20 m			<input type="checkbox"/>
Special hoses								
High-pressure hose 1.5 m, ID 8, including connectors, outlet bend	22	6.388-886.0	ID 8	400 bar	1.5 m			<input type="checkbox"/>

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

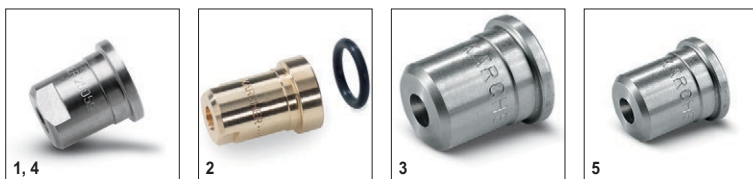
Accessories for HDS 12/18-4 S 1.071-620.0



		Order no.	Flow rate				Price	Description	
Easy Press high-pressure trigger gun with holding force reduction (Kärcher patent)									
Easy Press HP trigger gun with softgrip	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	4.775-471.0	1100 l/h						■
Trigger guns									
High-end HP trigger gun	3	4.775-823.0							□
Quick connect									
Quick coupling	4	6.401-458.0						For quick change of different spray lances and accessories. Optimum adaption to Kärcher accessories, especially for connection between trigger gun and spray lance. With M22 x 1,5 female.	□
Male coupling	5	6.401-459.0						Hardened stainless steel nipple for quick coupling 6.401-458. With M22 x 1,5 male.	□

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

Accessories for HDS 12/18-4 S 1.071-620.0



		Order no.	Nozzle size				Price	Description	
Power nozzle spray angle 25°									
Power nozzle spray angle 25°	1	2.885-133.0	68					Fan jet nozzle for large-area coverage and stubborn dirt and stains.	■
25° power nozzle for cleaning agent suction	2	2.884-521.0	250						□
HP nozzle spray angle 0°									
High-pressure nozzle with 0° spray angle	3	2.884-540.0	75					High-pressure nozzle with powerful jet for extremely stubborn dirt.	□
Power nozzle spray angle 15°									
Power nozzle spray angle 15°	4	2.883-392.0	70					Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	□
Power nozzle spray angle 40°									
Power nozzle spray angle 40°	5	2.884-526.0	75					Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	□

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

Accessories for HDS 12/18-4 S 1.071-620.0

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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.	□
850 mm spray pipe, rotatable	3	4.760-663.0	300 bar	850 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.	□
Variable pressure spray lance								
Variable pressure spray lance	6	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	7	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	8	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	9	4.760-073.0					Stainless steel lance WC and gutter with nozzle insert. Specially shaped for effective and hygienic cleaning of gutters and toilets.	□
Undercarriage spray lance								
Underbody lance	10	4.760-245.0		700 mm			Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	□
Spray lances								
Vibrasoft lance	11	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	12	4.760-667.0		250 mm			250 mm stainless steel lance. With manual coupling. Non-rotatable.	□
Double lance								
Double lance 960 mm	13	6.394-665.0	310 bar	960 mm			960 mm double lance for variable pressure adjustment on handle at full water flow rate. Suitable for agricultural use (e.g. stable cleaning).	□
Flexible spray lance								
Flexible lance 1050 mm	14	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	15	6.394-690.0	225 bar					□
Strap for telescopic spray pipe	16	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.	□

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

Accessories for HDS 12/18-4 S 1.071-620.0



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		Order no.	Max. working pressure	Length			Price	Description
Gutter cleaner								
Gutter cleaning lance	17	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. <input type="checkbox"/>

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

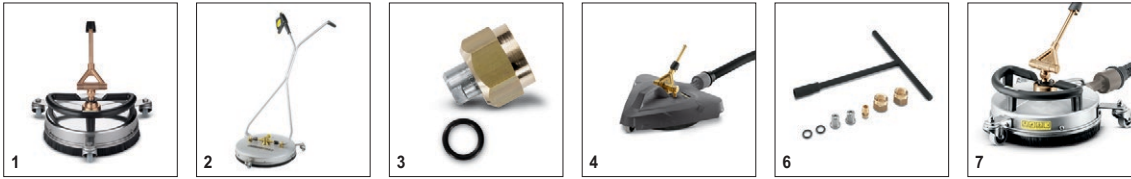
Accessories for HDS 12/18-4 S 1.071-620.0



		Order no.					Price	Description	
Grey wheel kit									
Grey wheel kit HDS M/S	1	2.641-975.0							<input type="checkbox"/>
Flame monitoring attachment kit									
Flame monitoring attachment kit for HDS M/S	2	2.641-796.0						More safety thanks to ABS HDS M/S flame monitoring system: A light sensor monitors the burner flame. The fuel supply cuts out automatically if the flame extinguishes.	<input type="checkbox"/>
Attachment kit for 2-spray lance operation									
Attachment kit, two-spray lance operation	3	2.641-805.0						For users who want to use two spray systems with one machine. The kit contains a Y distributor, a spray system consisting of a HP hose, spray lance, and trigger gun as well as two aligned power nozzles.	<input type="checkbox"/>
Remote control set									
Remote control attachment kit, HDS-M class	4	2.642-157.0							<input type="checkbox"/>
Coin-op remote control									
Coin remote control attachment kit, HDS-M class	5	2.642-158.0							<input type="checkbox"/>
Crane lifting kit									
Crane loading attachment kit for HDS medium and super class	6	2.642-424.0						Effortless loading by crane.	<input type="checkbox"/>
Y distributor									
Y distributor	7	4.405-048.0							<input type="checkbox"/>
Accumulator kits									
Add-on accumulator for HDS M/S	8	2.641-803.0						The accumulator can be mounted on the HDS machine in order to dampen pressure surges, which conserves the machine's line system.	<input type="checkbox"/>

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

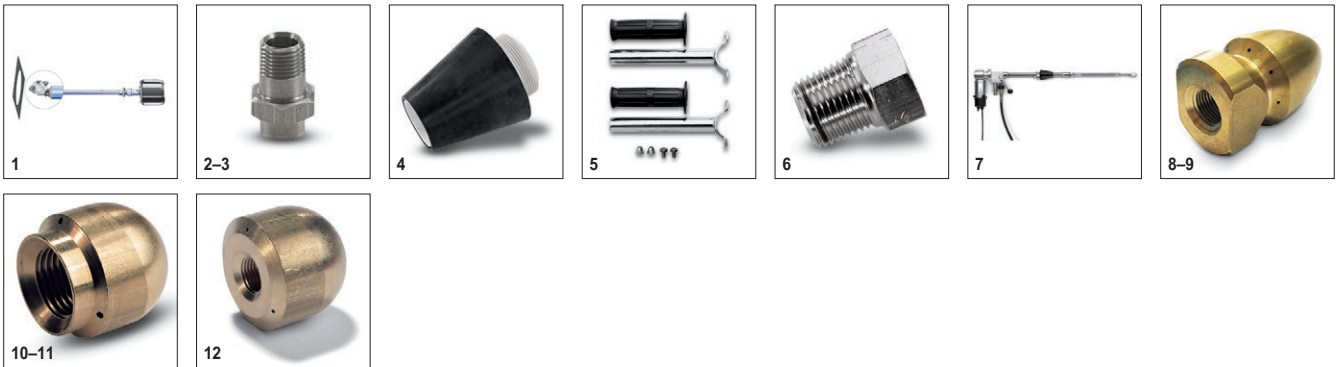
Accessories for HDS 12/18-4 S 1.071-620.0



		Order no.	Flow rate	Nozzle size	Diameter	Price	Description	
FR 30 Me surface cleaner								
Hard surface cleaner FR 30 Me	1	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	2	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	3	2.639-188.0	1100-1300 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (1100 to 1300 l/h).	<input type="checkbox"/>
Hard surface cleaner FRV 30								
FRV 30 surface cleaner	4	2.642-999.0						<input type="checkbox"/>
Rubber lip for FRV 30	5	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"/>
Machine-specific nozzle kits for FRV								
Nozzle kit 080 – for FRV 30	6	2.642-982.0		80				<input type="checkbox"/>
FRV 30 Me surface cleaner								
FRV 30 Me	7	2.642-911.0						<input type="checkbox"/>

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

Accessories for HDS 12/18-4 S 1.071-620.0



		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"/>
Nozzle kit for spray head HKF 50 (3.631-009.0 / 3.631-039.0)								
Nozzle 045 for 2-nozzle operation HKF 50	2	6.415-446.0		45			Nozzle for dual-nozzle operation	<input type="checkbox"/>
Nozzle 090 for 1-nozzle operation HKF 50	3	6.415-447.0		90			Nozzle for single-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"/>
Barrel and tank cleaning								
Barrel cleaner BC 14/12	7	2.641-740.0	120 bar				The BC 14/12 is an spray system for the efficient interior cleaning of containers and barrels, specially oak barrels with a volume of between 225 and 600 litres. One cleaning cycle is completed within 36 seconds and every spot in the container is covered by a water jet. After cleaning is finished the BC 14/12 can easily and conveniently take up the dirty water. The transformer included with the BC 14/12 makes it possible to use it worldwide (110 - 240 V, 50 - 60 Hz). The nozzle kits included make possible use with high-pressure cleaners with a water volume of 600 to 1400 l/h. Electrical components are protected in accordance with IP 55.	<input type="checkbox"/>
Pipe cleaning nozzle								
Pipe cleaning nozzle 100	8	5.763-088.0		100	24 mm		Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle.	<input type="checkbox"/>
Pipe cleaning nozzle 120	9	5.763-089.0		120	16 mm		Pipe cleaning nozzle with 24 mm diameter. With 8 nozzles tilted back at a 30° angle.	<input type="checkbox"/>
Pipe cleaning nozzle	10	5.763-019.0		65	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"/>
	11	5.763-020.0		65	16 mm			<input type="checkbox"/>
	12	5.763-021.0		70	30 mm		30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	<input type="checkbox"/>

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

Accessories for HDS 12/18-4 S 1.071-620.0



		Order no.	Max. working pressure	Nozzle size		Price	Description	
Angled vario nozzle 0-90°								
Variable angle nozzle 0-90°	1	4.763-036.0		80			Variable angle nozzle for spray angle adjustment from 0° to 90°. For easy adjustment to all kinds of soiling and surfaces.	<input type="checkbox"/>
Dirt blaster, large								
Dirt blaster	2	4.763-254.0	300 bar	70			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"/>
Dirt blaster – with changeover to low pressure cleaning agent intake								
Dirt blaster - with changeover to low pressure cleaning agent intake	3	4.763-952.0	300 bar	70			Dirt blaster – rotating pencil jet – 10x cleaning power. Ceramic nozzle and bearing ring for long service life. Changeover to detergent intake (low pressure) max. 300 bar/30 MPa, 85 °C	<input type="checkbox"/>
Dirt blaster with changeover to fan jet								
Dirt blaster with changeover to fan jet	4	4.763-958.0	300 bar	70			Dirt blaster – rotating pencil jet – 10x cleaning power. Ceramic nozzle and bearing ring for long service life. Changeover to high-pressure fan jet max. 300 bar/30 MPa, 85 °C	<input type="checkbox"/>

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

Accessories for HDS 12/18-4 S 1.071-620.0

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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 kits for wet jet unit 070	3	2.637-906.0	70					Consisting of wet-blasting nozzle and nozzle insert, only for use with wet-blasting attachment 4762-010/-022	<input type="checkbox"/>
Boron carbide nozzle									
Boron carbide, for machines from 1,000 l/h	4	6.415-083.0	8 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 HDS 12/18-4 S 1.071-620.0



		Order no.	Flow rate			Price	Description	
Inno Foam Kit								
Inno Foam Set	1	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	2	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 110 for Inno / Easy Set 1,000-1,300 l/h	3	2.640-689.0	1000-1300 l/h				Nozzle kit 110 contains Kärcher power nozzles and nozzle inserts. For Inn/Easy-Foam set 1000-1300 l/h. For optimal foam system performance.	<input type="checkbox"/>
Foam nozzle mounting kit								
Foam nozzle attachment kit	4	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"/>
Cup foam lance								
Cup foam lance	5	6.394-668.0	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"/>
1-litre cleaning agent container for foam lance	6	6.414-954.0						<input type="checkbox"/>

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

Accessories for HDS 12/18-4 S 1.071-620.0



		Order no.	Length				Price	Description	
Automatic, self-winding hose reels									
Automatic hose reel, coated	1	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"/>
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"/>
Automatic hose reel, stainless steel, includes swivel holder	3	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 hose drum HDS M/S	4	2.642-957.0	20 m					Automatic hose reel as a complete attachment kit that's easy to mount. Suitable for HDS medium and super class. For maximum convenience when winding and unwinding the high-pressure hose.	<input type="checkbox"/>
ABS holder, automatic hose drum HDS M/S	5	2.643-040.0							<input type="checkbox"/>
Automatic hose reel, powder-coated steel / plastic	6	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	7	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"/>
ABS automatic stainless steel hose drum	8	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"/>
ABS pivoting stainless steel wall bracket	9	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 delivery. □ Available accessories. ▲ Extension hose.

Accessories for HDS 12/18-4 S 1.071-620.0



		Order no.	Flow rate				Price	Description	
Push-on washing brush									
Push-on washing brush	1	4.762-016.0						Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6.	<input type="checkbox"/>
Rotating washing brush									
Rotating washing brush for > 800 l/h machines	2	4.762-559.0	900-1300 l/h						<input type="checkbox"/>
	3	4.762-562.0	900-1300 l/h						<input type="checkbox"/>

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

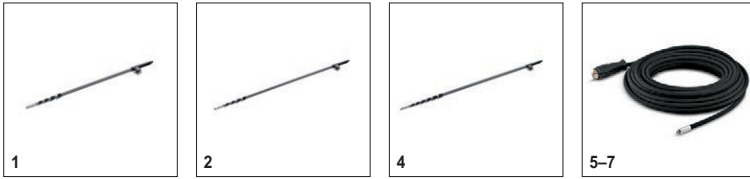
Accessories for HDS 12/18-4 S 1.071-620.0



		Order no.	Length	Diameter			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 inner thread, R 1"	2	6.388-458.0						with female thread	<input type="checkbox"/>
Geka connector with hose barb, R 1"	3	6.388-465.0							<input type="checkbox"/>
Suction filter									
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 suction filter	5	6.414-956.0							<input type="checkbox"/>
Water fine filter									
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	7.5 m					NW 19 R1" / R 3/4", up to 85 °C, for pick-up	<input type="checkbox"/>
	9	4.440-270.0	7.5 m					NW 19 R1" / R1", up to 85 °C	<input type="checkbox"/>

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

Accessories for HDS 12/18-4 S 1.071-620.0



		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					<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.