



HDS 12/18-4 S

Our new medium and super class hot water pressure washers not only do a first-class job of cleaning, they are also extremely rugged and simple to operate. The new ECO mode, unique to KÄRCHER, makes them truly unbeatable. When the machine is set to this mode it operates automatically in the most economical temperature range. This not only saves running costs, it is also good for the environment.









1 Water treatment unit

- In the Eco setting the unit operates in the most economical temperature range (60°C) with full water flow.
- Burner cycles are optimised to reduce fuel consumption by up to 20% compared to full-load operation.

3 Storage

- Roomy storage compartment for cleaning agents, gloves and tools.
- Within easy reach for left-handed or right-handed users and ideal for two-lance operation.

2 Maximum efficiency

- Highly efficient burner technology.
- 4-pole electric motor with 3 piston axial pump.

4 Detergent application

- Precise metering valve ensures low consumption.
- Easy changeover between cleaning agent tanks 1 and 2.

TECHNICAL DATA AND EQUIPMENT.





HDS 12/18-4 S

- 2-lance operation possible
- Two detergent tanks
- Economical eco!efficiency mode

Technical data		
Order Number		1.071-914.0
EAN code		4054278140360
Current type	Ph/V/Hz	3 / 400 / 50
Flow rate	I/h	600-1200
Pressure	bar / MPa	30-180 / 3-18
Max. temperature	°C	80 / 155
Power rating	kW	8,4
Consumption fuel oil	kg/h	7,7
Fuel tank	1	25
Weight	kg	175,1
Dimensions (L x W x H)	mm	1330 × 750 × 1060

Equipment				
Trigger gun		EASY!Force Advanced	Two detergent tanks	
High-pressure hose	m	10 / Longlife / DN 8,400 bar	Dry running protection	
Spray lance	mm	1050		
Power nozzle				
Servo Control				
ANTI!Twist				
Pressure switch control				
Optional two-lance operation				
Pole reversing plug (three-phase)				
SDS system				
Electronic service control with LED display				

 \blacksquare Included in delivery.































		Order Number	ID	Max. working pressure	Length	Price	Description
Standard with unions on both sides	5			'			<u> </u>
High-pressure hose, 10 m DN 8, AVS trigger gun connector	1	6.110-031.0	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.
High-pressure hose, 15 m DN 8, AVS trigger gun connector	2	6.110-030.0	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.
High-pressure hose, 20 m DN 8, AVS trigger gun connector	3	6.110-032.0	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.
High-pressure hose, 30 m DN 8, including rotary coupling	4	6.110-014.0	ID 8	315 bar	30 m		With rotary coupling, 2 x M 22 x 1.5
High-pressure hose, 15 m DN 10, 220 bar, extension	5	6.110-042.0	ID 10	220 bar	15 m		15 m high-pressure hose M 22 x 1.5) with kink protection and threaded couplings at both ends. Further data: DN 10/155°C/220 bar.
High-pressure hose, 20 m DN 10, 220 bar, extension	6	6.110-043.0	ID 10	220 bar	20 m		with union on both sides, M 22 x 1.5 with anti-kink protection. NW 10/155°C/220 bar
High-pressure hose, 25 m DN 10, extension, not rotatable	7	6.110-044.0	ID 10	220 bar	25 m		
Hose assembly premium DN10 22MPa 40m	8	6.110-045.0	ID 10	220 bar	40 m		
Hose assembly premium DN12 21MPa 15m	9	6.110-059.0	ID 12	210 bar	15 m		High-pressure hose for water volumes greater than 1,800 l / h. With union on both sides. 2x M 22 x 1.5 with anti-kink
Hose assembly premium DN12 21MPa 40m	10	6.110-060.0	ID 12	210 bar	40 m		protection.
Hose assembly TR DN10 22MPa 10m	11	6.110-041.0	ID 10	220 bar	10 m		
Longlife 400 with unions on both s	ides		1	1			
High-pressure hose Longlife 400, 30 m DN 8, including rotary coup- ling	12	6.110-023.0	ID 8	400 bar	30 m		With rotary coupling, 2 x M 22 x 1.5
High-pressure hose Longlife 400, 20 m, DN 8, extension	13	6.110-027.0	ID 8	400 bar	20 m		with rotary coupling, 2 x M 22 x 1.5
High-pressure hose Longlife 400, 15 m, DN 8, including rotary coup- ling	14	6.110-029.0	ID 8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5
High-pressure hose packaged	15	6.110-038.0	ID 8	400 bar	10 m		I
High-pressure hose 1.5 m, DN 8, including connectors	16	6.110-024.0	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	1 1			1			
High-pressure hose, 10 m ID 8, suitable for food industry, extensi- on piece	17	6.110-051.0	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	18	6.110-052.0	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 industry version with		s on both sides		1			
High pressure hose food DN 8 / 10 m	19	6.110-053.0	ID 8	400 bar	10 m		Longlife HP hose for use in the food industry. Außende- cke## animal-grease-resistant, non-colour-bleeding materi- al. With rotary coupling, 2 x M 22 x 1,5











		Order Number	Flow rate		Price	Description
Trigger guns						
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.
Servo Control						
Servo control	2	4.118-009.0	1100 l/h			
Quick connect						
Quick-fitting pipe union coupler trapezo	3	2.115-000.0				
Quick-fitting pipe union plug nipp- le tra	4	2.115-001.0				

[■] Included in delivery.

Available accessories.

Extension hose.





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		Order Number	Nozzle size				Price	Description
Power nozzle spray angle 25°		<u> </u>		'	'			
Power nozzle spray angle 25°	1	2.113-027.0	68					Fan jet nozzle for large-area coverage and stubborn dirt and stains.
HP nozzle spray angle 0°								
High-pressure nozzle spray angle °0	2	2.113-037.0	75					High-pressure nozzle with powerful jet for extremely stubborn dirt. $\hfill\Box$
Power nozzle spray angle 15°								
Power nozzle spray angle 15°	3	2.113-049.0	70					Fan jet nozzle with 15° spray angle suitable for stubborn dirt.
Power nozzle spray angle 40°								
Power nozzle spray angle 40°	4	2.113-056.0	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.































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			Max. working				
		Order Number	_	Length	Price	Description	
Rotating spray lances							Ī
1050 mm lance, rotatable, ergono- mic	1	4.112-000.0	300 bar	1050 mm		1050 mm stainless steel lance (manual coupling) with ergo nomic handle for ease of use and protection. Rotatable 360 under pressure.	
Nozzle light	2	2.680-002.0		125 mm		onder pressure.	-
Lance 250 mm, non-rotatable	3	4.112-027.0	300 bar	250 mm			
550 mm lance, non-rotatable	4	4.112-024.0	300 bar	400 mm		_	
Rotatable lance, 600 mm, ergono- mic	5	4.112-007.0	300 bar	600 mm		600 mm stainless steel lance (manual coupling) with ergon- mic handle for ease of use and protection. Rotatable 360° under pressure.)
Lance 850 mm, rotatable, ergono- mic	6	4.112-006.0	300 bar	840 mm		850 mm stainless steel lance (manual coupling) with ergon- mic handle for ease of use and protection. Rotatable 360° under pressure.)
Lance 1550 mm, rotatable, ergonomic	7	4.112-018.0	300 bar	1550 mm		1550 mm stainless steel lance (manual coupling) with ergo nomic handle for ease of use and protection. Rotatable 360 under pressure.	
Lance 2050 mm, rotatable, ergonomic	8	4.112-021.0	300 bar	2050 mm		2050 mm stainless steel lance (manual coupling) with ergo nomic handle for ease of use and protection. Rotatable 360 under pressure.	
Jet pipe extension TR 1000 mm	9	4.112-048.0	300 bar	1000 mm			
Double lance			•				Ī
Double lance 960 mm	10	2.112-016.0	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).	(
Angular spray lance							Ì
WC and gutter lance	11	4.112-029.0				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	4.112-035.0	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.	
Articulated joint TR 20	13	4.112-057.0	300 bar				
Telescopic spray lance							
Telescopic jet pipe	14	4.112-037.0	225 bar	5400 mm			
Restraint belt for telescopic jet pipe	15	6.373-987.0				Convenient strap for relief when working with the telesco- pic spray lance (6.394-690). The burden is optimally distri- buted on the body and longer periods of use are possible.	
Gutter cleaner							
Gutter cleaning lance	16	2.112-015.0		960 mm		The lance is suited for cleaning of gutter systems. Because of the shape of the lance and the special nozzle the gutter can be cleaned without removing the cover plates.	
Undercarriage spray lance							
Underbody lance	17	4.112-032.0		700 mm		Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	
Additional handle	1						ĺ
Mand southed	18	4.321-380.0					
Weed control	1 40	2114 012 0	I				
WR 50 trapezoidal thread	19					_	
WR 20 trapezoidal thread	20	-				_	
WR 100	21					_	
WR 10	22	2.114-016.0 e accessories.	▲ Extension h				-

















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		Order Number				Price	Description	
Crane lifting kit								
Crane loading kit for HDS middle and super class	1	2.642-424.0					Effortless loading by crane.	ı
NOCH NICHT GEPFLEGT	2	2.644-053.0						
Flame monitoring attachment kit								
ABS flame monitor for HDS M/S	3	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.	
Y distributor								Ī
Y distributor	4	4.111-024.0						[
Accumulator kits								
Add-on accumulator for HDS M/S	5	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.	[
Remote control set								
Remote control set	6	2.642-157.0						l
Coin-op remote control								ĺ
Coin-op remote control	7	2.642-158.0						

[■] Included in delivery.

Available accessories.

Extension hose.





















		Order Number	Flow rate	Nozzle size	Diame- ter	Price	Description	
Hard Surface Cleaner FRV 30		<u> </u>	'					
Add-on kit hose attachment	1	2.642-528.0						
Add-on kit dirt trap	2	2.642-532.0						
Hard surface cleaner FR 30 ME								
FR 30 ME surface cleaner	3	2.111-013.0			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.	
Hard Surface Cleaner FR 50								
FR 50 surface cleaner	4	2.111-023.0			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.	
Machine-specific nozzle kit for FR								
Nozzle kit for surface cleaners (type-specific) 1100 - 1300 l/h	5	2.639-188.0	1100-1300 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (1100 to 1300 l/h).	
Machine-specific nozzle kits for FR	V							
Nozzle pack 080	6	2.642-982.0		80				
Hard surface cleaner FRV 30 Me								
Suction hose FRV 30 me	7	4.441-040.0						
FRV 30 ME	8	2.111-012.0					Surface cleaner with integrated waste water pick-up	
Surface Cleaner FR 50 Me								
	9	2.111-024.0						

[■] Included in delivery.

Available accessories.

Extension hose.































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	Order Number					Price	Description	
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1	4.112-011.0							
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.	
			1					
3	4.111-021.0						Kärcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 x 1.5 m. With grip protection.	
4	4.111-037.0							
			,					ļ.,
5	4.111-022.0							
6	4.111-038.0							
			_		ı			
							1400 450 1 1 1 1 1 5 1 1 6	
10	4.111-032.0						high-pressure hoses with AVS connection or for usage of th	ie c-
11	4.111-033.0							
12	4.111-034.0							Ε
13	4.111-035.0							
14	4.111-036.0							[
15	4.111-046.0							
16	4.656-079.0						Flue gas adapter with draught damper for flue pipe connection (adapter for HDS burners for connection to a stack system).	-
								Ţ
17	6.645-763.0							
18	6.500-000.0							
19	4.637-032.0						Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	
20	4.637-033.0						Cleaning agent dosage at high pressure 3 - 5 %	
ler no	. 3.637-170							
21	4.769-013.0							[
22	4.769-002.0						For high pressure with machines above 1.100 l/h	
	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 2001	1 4.112-011.0 2 5.394-294.0 3 4.111-021.0 4 4.111-037.0 5 4.111-022.0 6 4.111-038.0 7 4.111-029.0 8 4.111-031.0 10 4.111-031.0 10 4.111-032.0 11 4.111-032.0 11 4.111-036.0 12 4.111-036.0 13 4.111-046.0 16 4.656-079.0 17 6.645-763.0 18 6.500-000.0 19 4.637-032.0 20 4.637-033.0 21 4.769-013.0 20 14.769-013.0 20 14.769-013.0	1 4.112-011.0 2 5.394-294.0 3 4.111-021.0 4 4.111-037.0 5 4.111-022.0 6 4.111-038.0 7 4.111-029.0 8 4.111-030.0 9 4.111-031.0 10 4.111-032.0 11 4.111-034.0 13 4.111-035.0 14 4.111-036.0 15 4.111-046.0 16 4.656-079.0 17 6.645-763.0 18 6.500-000.0 19 4.637-032.0 20 4.637-033.0 21 4.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0	1 4.112-011.0 2 5.394-294.0 3 4.111-021.0 4 4.111-037.0 5 4.111-022.0 6 4.111-038.0 7 4.111-029.0 8 4.111-030.0 9 4.111-031.0 10 4.111-032.0 11 4.111-034.0 13 4.111-035.0 14 4.111-036.0 15 4.111-046.0 16 4.656-079.0 17 6.645-763.0 18 6.500-000.0 19 4.637-032.0 20 4.637-033.0 21 4.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0 20 14.769-013.0	1 4.112-011.0 2 5.394-294.0 3 4.111-021.0 4 4.111-037.0 5 4.111-022.0 6 4.111-038.0 7 4.111-039.0 8 4.111-031.0 9 4.111-031.0 10 4.111-032.0 11 4.111-032.0 12 4.111-034.0 13 4.111-035.0 14 4.111-036.0 15 4.111-046.0 16 4.656-079.0 17 6.645-763.0 18 6.500-000.0 19 4.637-032.0 20 4.637-033.0 21 4.769-013.0 20	1 4.112-011.0 2 5.394-294.0 3 4.111-021.0 4 4.111-037.0 5 4.111-022.0 6 4.111-038.0 7 4.111-039.0 8 4.111-031.0 10 4.111-032.0 11 4.111-033.0 12 4.111-034.0 13 4.111-035.0 14 4.111-036.0 15 4.111-046.0 16 4.656-079.0 17 6.645-763.0 18 6.500-000.0 19 4.637-032.0 20 4.637-033.0 Interpretation of the property of th	1 4.112-011.0 2 5.394-294.0 3 4.111-021.0 4 4.111-037.0 5 4.111-022.0 6 4.111-038.0 7 4.111-029.0 8 4.111-030.0 9 4.111-031.0 10 4.111-032.0 11 4.111-032.0 11 4.111-036.0 12 4.111-036.0 13 4.111-046.0 16 4.656-079.0 17 6.645-763.0 18 6.500-000.0 19 4.637-032.0 20 4.637-033.0 ler no. 3.637-170 21 4.769-013.0 lot	1 4.112-011.0





		Order Number			Price	Description	
Low pressure for units rated 1100	23	4.769-006.0				For low pressure with machines above 1.100 l/h	
I/h or more							Ш























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			Max. working		Diame-			
		Order Number	pressure	Nozzle size	ter	Price	Description	
Barrel and tank cleaning								
Barrel cleaner BC 14/12	1	2.112-020.0					The barrel cleaner BC 14/12 is a spray unit for the internal cleaning of containers and drums - in particular oak barrels with a capacity between 225 and 600 liters.	
HKF 50 spray head, brass								
HKF 50 spray head , brass	2	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	
	3	3.631-058.0						
Nozzle kit for HKF 50 spray head (3	.631-0	009.0 / 3.631-039	9.0)					
Nozzle 090 for single nozzle ope- ration HKF 50	4	6.415-447.0		90			Nozzle for single-nozzle operation	
Double handle for exact control of the spray head	5	2.863-036.0					Double handle. Precise control of the spray head	
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	
Pipe cleaning nozzle					,			
Dirt blaster pipe cleaning D21/090	7	4.765-003.0		90	21 mm			
Dirt blaster pipe cleaning D30/090	8	4.765-010.0		90	30 mm			
Nozzle pipe cleaning size 100	9	5.763-088.0		100	24 mm		Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle.	
Pipe cleaning nozzle	10	5.763-019.0		65	16 mm		16 mm pipe cleaning nozzle with internal thread. Various je	t 🗆
	11	5.763-016.0		60	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.	
	12	5.763-021.0		70	30 mm		30 mm pipe cleaning nozzle with internal thread. Various je directions for environmentally-friendly cleaning of blocked drains and pipes.	

[■] Included in delivery.

Available accessories.

Extension hose.







		Order Number	Max. working pressure	Nozzle size		Price	Description
Angle vario nozzle 0°-90° Variable angle nozzle 0-90°	1	4.113-008.0		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 - without changeover function	2	4.114-030.0	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.

[■] Included in delivery.

Available accessories.

Extension hose.









		Order Number	Nozzle size		Price	Description
Wet blasting attachment (without	nozzle))				
Wet blasting attachment with flow control (without nozzles)	1	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.
Wet blasting attachment without flow control (nozzles not included)	2	4.115-006.0				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.
Nozzle pack for wet blasting attach	ment					
Nozzle pack TR wet jet set 0070	3	2.112-027.0	70			
Boron carbide nozzle						
Boron carbide nozzle, for machines as of 1000 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.

[■] Included in delivery.

Available accessories.

Extension hose.





















		Order Number	Flow rate		Price	Description
Cup foam lance						
Foam lance TR	1	4.112-055.0	900-2500 l/h			
Packing complete for 6.394-968.0	2	2.112-017.0				
Tank grey only for replacement 1L	3	6.414-050.0				
Inno Foam Set						
Inno foam kit with detergent injector	4	2.112-000.0				High-pressure foam system with double lance (foam nozzle and high-pressure jet for rinsing). For use with mobile and
Inno foam kit	5	2.112-008.0				stationary high-pressure and HDS pressure cleaners for cleaning or disinfection.
Easy Foam Set						
Easy Foam Set with RM injector	6	2.112-010.0				HP foam system for use with. HD/HDS units for cleaning and \Box
Easy foam set	7	2.112-011.0				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.
Nozzle kits for Inno/Easy Foam Set						
Nozzle kit 110 Inno/Easy set 1000 - 1300 I/h	8	2.111-020.0	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.
Foam nozzle mounting kit						
Foam nozzle kit	9	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.

[■] Included in delivery.

Available accessories.

Extension hose.























		Order Number	Length			Price	Description	
Automatic, self-winding hose reels				•				
Add-on kit hose reel plastics	1	6.392-074.0	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.	
Add-on kit hose reel	2	6.392-083.0	20 m				Automatic hose reel for 20 m high-pressure hose. The console consists of stainless steel, the drum is made from plastic.	
Hose reel, automatic, 20 m, painted	3	6.392-106.0	20 m				Automatic hose reel of durable plastic. Painted steel bracket Suitable for 20 m high-pressure hose.	t. 🗆
	4	6.392-105.0	20 m					
Hose reel, automatic, 20 m, stain- less steel	5	6.392-076.0	20 m				Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	
ABS hose reel stainless steel	6	6.392-122.0	20 m				High-grade, automatic steel hose reel. Especially suitable fo use in the food industry. The material and finish provide for a corrossion-resistant, watertight capsuled sprong drive. Connection for HP hoses with nipple.	
Add-on kit hose reel TR 40m	7	6.392-442.0	40 m					
Swivel holder	8	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.	e. 🗆
ABS wall fastening stainless steel	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.	-
Anbausatz Schlauchtrommel autom	atik			•				
Add-on kit hose reel HDS M/S	10	2.110-011.0					Automatic hose reel as a complete attachment kit that's eas' to mount. Suitable for HDS medium and super class. For maximum convenience when winding and unwinding the high-pressure hose.	y
Add-on kit holder hose reel TR	11	2.110-020.0						

[■] Included in delivery.

Available accessories.

Extension hose.











		Order Number	Flow rate	Water feed temperature	Length	Length	Price	Description
Solar cleaning - telescopic lances				•				
Telescopic rod complete 14m	1	4.110-002.0		max. 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.
Telescopic rod complete 10m CFK	2	4.110-007.0		max. 60 °C				
Telescopic rod complete 10m	3	4.110-003.0		max. 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.
iSolar TL 7 H (without hose)	4	4.110-004.0		max. 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.
Hose solar	5	6.392-978.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 7. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.
	6	6.392-977.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 10. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.
	7	6.392-976.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 14. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.

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









		Order Number	Flow rate		Price	Description	
Push-on washing brush							
Push-on wash brush, M 18 x 1.5	1	4.113-001.0				Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6.	
Rotating washing brush							
	2	4.113-002.0	800-1300 l/h				
	3	4.113-005.0	800-1300 l/h				

[■] Included in delivery.

Available accessories.

Extension hose.

















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		Order Number	Length	Diameter		Price	Description	
Geka coupling								T
With hose nozzle, R 3/4"	1	6.388-455.0					with hose liner	
With hose nozzle, R 1"	2	6.388-465.0						
Hose coupling	3	6.388-458.0					with female thread	
Suction filter								
Water filter	4	6.414-956.0						
Suction filter with check valve	5	4.730-012.0					Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	
Fine-mesh water filter								
Fine-mesh water 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".	_ n
Fine-mesh water 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".	-
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	
	9	4.440-270.0	7,5 m				NW 19 R1" / R1", up to 85 °C	

[■] Included in delivery.

Available accessories.

Extension hose.