

#### HDS 7/10-4 M

Medium class hot water high-pressure cleaner with a host of user-friendly features.

















#### 1 Efficiency

- 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.

#### 2 Maximum efficiency

- Highly efficient burner technology.
- 4-pole, slow-running electric motor guarantees a long working time.

#### 3 Operational reliability

- The large, integrated fine-mesh water filter reliably protects the high-pressure pump against dirt particles.
- An integrated exhaust gas thermostat switches off the drive motor if the exhaust gas temperature exceeds 300°C.

#### 4 Storage

- Safe and ample storage for protective gear, accessories and cleaning agents
- Storage hooks for power cord and high-pressure hose.

### **TECHNICAL DATA AND EQUIPMENT.**





#### HDS 7/10-4 M

- Axial pump with turbo blower
- Economical eco!efficiency mode
- SDS system

Technical data		
Order Number		1.077-901.0
EAN code		4054278140032
Current type	Ph / V / Hz	1 / 240 / 50
Flow rate	I/h	350-700
Pressure	bar / MPa	30-100 / 3-10
Max. temperature	°C	80 / 155
Power rating	kW	3,4
Consumption fuel oil	kg/h	4,6
Fuel tank	1	25
Weight	kg	159,3
Dimensions (L x W x H)	mm	1330 × 750 × 1060

Equipment				
Trigger gun		EASY!Force Advanced	Dry running protection	•
High-pressure hose	m	10 / Longlife		
Spray lance	mm	1050		
Power nozzle				
Servo Control		•		
ANTI!Twist				
Tanks for detergent, scale inhibitor ar fuel can be filled from outside	nd	•		
Control panel with indicator lamps				
Pressure switch control				
Electronic service control with LED display		•		
Two detergent tanks		•		
Included in delivery				

■ Included in delivery.































									$\neg$
				Max. working					
		Order Number	ID	pressure	Length		Price	Description	
Standard with unions on both sides				<b>'</b>					
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 manu-	
								al 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 manu-	
AV3 trigger gori connector								al coupling. Further data: DN 8/155°C/315 bar.	_
High-pressure hose, 20 m DN 8,	3	6.110-032.0	ID 8	315 bar	20 m			20 m high-pressure hose (M 22 x 1.5) with kink protection.	
AVS trigger gun connector								With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	<b>A</b>
High-pressure hose, 30 m DN 8,	4	6.110-014.0	ID 8	315 bar	30 m			With rotary coupling, 2 x M 22 x 1.5	<b>A</b>
including rotary coupling High-pressure hose, 15 m DN 10,	5	6.110-042.0	ID 10	220 bar	15 m			15 m high-pressure hose M 22 x 1.5) with kink protection	$\dashv$
220 bar, extension	J	0.110 042.0	10 10	220 bai	13 111				<b>A</b>
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 v 1.5 with anti-kink protec-	<b>A</b>
High-pressure hose, 25 m DN 10,	7	6.110-044.0	ID 10	220 bar	25 m			1	<b>A</b>
extension, not rotatable								-	
Hose assembly premium DN10 22MPa 40m	8	6.110-045.0	ID 10	220 bar	40 m				<b>A</b>
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	<b>A</b>
Hose assembly premium DN12 21MPa 40m	10	6.110-060.0	ID 12	210 bar	40 m			nrotection	<b>A</b>
Longlife 400 with unions on both si	des			'					
High-pressure hose Longlife 400,	11	6.110-023.0	ID 8	400 bar	30 m			With rotary coupling, 2 x M 22 x 1.5	
30 m DN 8, including rotary coupling									<b>A</b>
High-pressure hose Longlife 400,	12	6.110-027.0	ID 8	400 bar	20 m			with rotary coupling, 2 x M 22 x 1.5	<u> </u>
20 m, DN 8, extension High-pressure hose Longlife 400,	13	6.110-029.0	ID 8	400 bar	15 m			With rotary coupling, 2 x M 22 x 1.5	_
15 m, DN 8, including rotary coup-	15	0.110-025.0	ס טו	400 bai	13 111			1 1 1	<b>A</b>
ling									_
High-pressure hose packaged	14		ID 8	400 bar	10 m				
High-pressure hose 1.5 m, DN 8, including connectors	15	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	
Food industry version with unions		h sides						reels with appropriate connector (M 22 x 1.5).	
Food industry version with unions High-pressure hose, 10 m ID 8,		6.110-051.0	ID 8	250 bar	10 m	1		10 m high-pressure hose (DN 8) with patented (rotating)	
suitable for food industry, extensi-	10	0.110 031.0	10 0	250 001	10 111				<b>A</b>
on piece								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, extensi-	17	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. Con-	
on piece								nectors at both ends, M 22 x 1.5, with kink protection. NW	<b>A</b>
Longlife food industry version with	union	s on both sides						8/155°C/250 bar.	
High pressure hose food DN 8 / 10	1	6.110-053.0	ID 8	400 bar	10 m			Longlife HP hose for use in the food industry. Außende-	
m									<b>A</b>
									_

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.











		Order Number	Flow rate		Price	Description
Trigger guns						
Extended easy press trigger gun	1	4.118-005.0				Extended easy press high-pressure trigger gun for high- pressure hoses with rotating connector.
Servo Control						
Servo control	2	4.118-008.0	750-1100 l/h			
Quick connect						
Quick-fitting pipe union coupler	3	2.115-000.0				
trapezo						
Quick-fitting pipe union plug nipp-	4	2.115-001.0				l In
le tra						

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





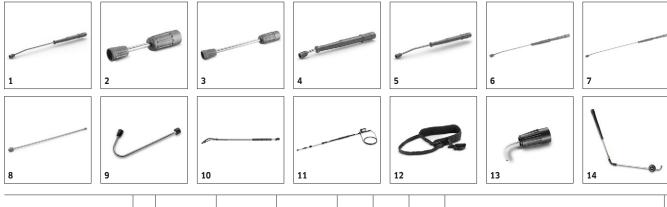
		Order Number	Nozzle size		Price	Description	
Power nozzle spray angle 25°							
	1	2.113-011.0	54				
HP nozzle spray angle 0°							
High-pressure nozzle spray angle °0	2	2.113-035.0	55			High-pressure nozzle with powerful jet for extremely stubborn dirt.	
Power nozzle spray angle 15°							
Power nozzle spray angle 15°	3	2.113-047.0	55			Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	
Power nozzle spray angle 40°							
Power nozzle spray angle 40°	4	2.113-055.0	55			Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





			Max. working					
		Order Number	pressure	Length		Price	Description	
Rotating spray lances		·	·	'				
1050 mm lance, rotatable, ergono-	1	4.112-000.0	300 bar	1050 mm			1050 mm stainless steel lance (manual coupling) with ergo-	
mic							nomic handle for ease of use and protection. Rotatable 360	
	_						under pressure.	
Lance 250 mm, non-rotatable	2		300 bar	250 mm			_	
550 mm lance, non-rotatable	3	4.112-024.0	300 bar	400 mm				
Rotatable lance, 600 mm, ergono-	4	4.112-007.0	300 bar	600 mm			600 mm stainless steel lance (manual coupling) with ergono	
mic							mic handle for ease of use and protection. Rotatable 360° under pressure.	
Lance 850 mm, rotatable, ergono-	5	4.112-006.0	300 bar	840 mm			850 mm stainless steel lance (manual coupling) with ergono	Н
mic							mic handle for ease of use and protection. Rotatable 360°	
							under pressure.	Ш
Lance 1550 mm, rotatable, ergo-	6	4.112-018.0	300 bar	1550 mm			1550 mm stainless steel lance (manual coupling) with ergo-	
nomic							nomic handle for ease of use and protection. Rotatable 360'	
Lance 2050 mm, rotatable, ergo-	7	4.112-021.0	300 bar	2050 mm			under pressure.  2050 mm stainless steel lance (manual coupling) with ergo-	+
nomic	′	4.112 021.0	300 bai	2030 11111			nomic handle for ease of use and protection. Rotatable 360'	
							under pressure.	
Jet pipe extension TR 1000 mm	8	4.112-048.0	300 bar	1000 mm				
Angular spray lance								
WC and gutter lance	9	4.112-029.0					Stainless steel lance WC and gutter with nozzle insert. Spe-	
							cially shaped for effective and hygienic cleaning of gutters	
Flexible spray lance							and toilets.	
Flexible lance 1050 mm	10	4.112-035.0	210 bar	1050 mm		1	1050 mm flexible lance with variable bend from 20° to	
Tiexible lance 1000 mm	10	4.112 055.0	210 bai	1030 11111			140°, ideal for cleaning difficult to reach areas, e.g. gutters.	
Telescopic spray lance			·	'				
Telescopic jet pipe	11	4.112-037.0	225 bar	5400 mm				
Restraint belt for telescopic jet	12	6.373-987.0					Convenient strap for relief when working with the telesco-	
pipe							pic spray lance (6.394-690). The burden is optimally distri-	
							buted on the body and longer periods of use are possible.	Щ
Gutter cleaner		1	I	l	ı	ı		
Gutter cleaning lance	13	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		II.	I.				can be cleaned without ternoving the cover plates.	
Underbody lance	14	4.112-032.0		700 mm			Stainless steel lance for effective and easy underbody and	
							wheel arch cleaning. Without high-pressure nozzle.	
Additional handle								
	15	4.321-380.0						
Weed control								
WR 50 trapezoidal thread	16							
WR 20 trapezoidal thread	17	2.114-014.0						
WR 100	18							
WR 10	19	2.114-016.0						

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.















		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.	
NOCH NICHT GEPFLEGT>	2	2.644-053.0					
Grey wheel kit							
Grey wheel kit HDS M/S	3	2.641-975.0					
Flame monitoring attachment kit							
ABS flame monitor for HDS M/S	4	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							
Y distributor	5	4.111-024.0					
Accumulator kits							
Add-on accumulator for HDS M/S	6	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	7	2.642-157.0					
Coin-op remote control							
Coin-op remote control	8	2.642-158.0					
■ Included in delivery □ Av	21 1 1	accoccorios					

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





















		Order Number	Flow rate	Nozzle size	Diame- ter	Price	Description	
Hard Surface Cleaner FRV 30				,	, ,			
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) 650 - 850 l/h	5	2.639-187.0	650-850 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (650 to 850 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			L		Surface cleaner with integrated waste water pick-up	
Surface Cleaner FR 50 Me								
	9	2.111-024.0						

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.































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		Order Number				Price	Description	
Nozzle union								
Protection part TR only for replacement	1	4.112-011.0						
Spacer (including nozzle union)				T,				
Spacer (incl.nozzle union)	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.	
Rotary coupling								
Rotary coupling	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.	
Coupling								
Coupler -2xM22x1,5	4	4.111-037.0					Brass double connector for connecting and extending high- pressure hoses. With rubber protection. Connector: 2x M 22 x 1.5 m.	- 1
Connector								
Nozzle connector/screw connector	5	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: $1x M 22 \times 1.5$ and $1x M 18 \times 1.5$ .	
	6	4.111-038.0						
Adapter EASY!Lock	ı				1		ı	1-
Adapter 1 M22AG-TR22AG	7	4.111-029.0						
Adapter 2 M22IG-TR22AG Adapter 3 M22IG-TR22AG	8 9	4.111-030.0 4.111-031.0						
Adapter M22 - Swivel	10	4.111-031.0					M22 x 1,5female and swivel connection. For extension of	+
Adapter M22 SWITE	10						high-pressure hoses with AVS connection or for usage of th telescopic lance with a high-pressure hose with AVS connection.	- 1 1
Adapter 5 TR22IG-M22AG	11	4.111-033.0						
Adapter 6 TR22IG-M22AG	12	4.111-034.0						
Adapter 7 M18IG-TR20AG	13	4.111-035.0						
Adapter 8 TR20IG-M18AG	14	4.111-036.0						
ADAPTER for replacement TR22IG-	15	4.111-046.0						
M22AG Er Flue pipe								+
Flue gas adapter	16	4.656-149.0					Flue gas adapter with draught damper for flue pipe connec-	Īг
	17	4.656-080.0					tion (adapter for HDS burners for connection to a stack system).	
HP detergent injector								
Detergent injector for high and low pressure (without nozzles)	18	4.637-032.0					Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	
Detergent injector for high pressu- re	19	4.637-033.0					Cleaning agent dosage at high pressure 3 - 5 %	
Machine-specific nozzle kit with or	der no	. 3.637-170						
Nozzle insert trapezoidal thread HDS-GER	20	4.769-011.0						
Nozzle insert with order no. 3.637-	001							
Nozzle insert for Order No. 3.637- 001, high-pressure for machines up to 1100 l/h.	21	4.769-003.0					Nozzle insert for detergent injector 3.637-001 for high- pressure detergent application. For high-pressure cleaners with a water flow rate up to 1100 l/h.	
■ Included in delivery □ Av	21 1 1	-	A Extension boso					





		Order Number			Price	Description	
Low pressure for units rated up to	22	4.769-001.0				For low pressure with machines up to 1.100 l/h	
1100 l/h							Ш





























		Order Number	Max. working pressure	Nozzle size	Diame- ter	Price	Description	
Barrel and tank cleaning			I				l	1-
HKF 50 spray head, brass	1	2.112-020.0						
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			9.0)					
Nozzle 030 for dual nozzle operation HKF 50	4	6.415-444.0		30			Nozzle for dual-nozzle operation	
Nozzle 090 for single nozzle operation HKF 50	5	6.415-447.0		90			Nozzle for single-nozzle operation	
Cone for plugging into bungholes	6	4.132-002.0					Cone for plugging into bungholes	
Double handle for exact control of the spray head	7	2.863-036.0					Double handle. Precise control of the spray head	
Screw plug for using a spray head with one nozzle	8	5.411-061.0					Screw plug for using a spray head with one nozzle	Г
Nozzle 070 for HKF 50	9	6.415-077.0		70			Nozzle for dual-nozzle operation	
Pipe cleaning hose, ID 6 Hose assembly TR pipe cleaning	10	6.110-046.0	250 bar					
DN6 max.2 Pipe cleaning hose, DN 6, 20 m,	11	6.110-008.0	250 bar				20 m flexible high-pressure hose (DN 6) for cleaning pipes	  -
220 bar Hose assembly TR pipe cleaning	12	6.110-047.0	250 bar				up to 220 bar (threaded connection for R 1/8 nozzle).	
DN6 max.2								Ľ
Pipe cleaning nozzle Drain cleaning dirt blaster D 25/060	13	6.415-945.0		60	25 mm		The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the	
Drain cleaning dirt blaster D 30/060	14	6.415-947.0		60	30 mm		necessary forward movement, as well as convenient hand- ling.	
Drain cleaning dirt blaster D 35/060	15	6.415-949.0		60	35 mm			
Nozzle pipe cleaning size 80	16	5.763-087.0		80	25 mm		Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle.	Г
Nozzle pipe cleaning size 120	17	5.763-089.0		120	16 mm		Pipe cleaning nozzle with 24 mm diameter. With 8 nozzles tilted back at a 30° angle.	
Pipe cleaning nozzle	18	5.763-015.0		55	16 mm		16 mm pipe cleaning nozzle with internal thread. Various je	et 🗀
	19	5.763-016.0		60	16 mm		directions for environmentally-friendly cleaning of blocked drains and pipes.	
	20	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.	
Rotating pipe cleaning nozzle	21	6.415-428.0		50	16 mm		Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.







		Order Number	Max. working pressure	Nozzle size		Price	Description
<b>Angle vario nozzle 0°-90°</b> Variable angle nozzle 0-90°	1	4.113-006.0		80			Variable angle nozzle for spray angle adjustment from 0° to 90°. For easy adjustment to all kinds of soiling and surfaces.
<b>Dirt blaster, large</b> Dirt blaster - without changeover function	2	4.114-036.0	300 bar	55			The dirt blaster with rotating pencil jet offers 10 times better cleaning performance. Ceramic nozzle and bearing ring for a long service life. Further data: Max. 300 bar, 30 MPa, 85°C.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.







		Order Number	Nozzlo sizo			Price	Description
			NUZZIE SIZE			Price	Description
Wet blasting attachment (without r	nozzie)	)		1			
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 0050	3	2.112-023.0	50				
Boron carbide nozzle							
Boron carbide nozzle, for machines as of 1000 l/h	4	6.415-084.0	6 mm				In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





















		Order Number	Flow rate		Price	Description
Cup foam lance						
Foam lance TR	1	4.112-054.0	700-800 l/h			
Packing complete for 6.394-969.0	2	2.112-018.0				
Tank grey only for replacement 1L	3	6.414-050.0				
Tank 1L	4	6.414-954.0				
Inno Foam Set						
Inno foam kit with detergent injector	5	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	6	2.112-008.0				stationary high-pressure and HDS pressure cleaners for cleaning or disinfection.
Easy Foam Set						
Easy Foam Set with RM injector	7	2.112-010.0				HP foam system for use with. HD/HDS units for cleaning and
Easy foam set	8	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 090 Inno/Easy kit 700 - 1000 l/h	9	2.111-019.0	700-1000 l/h			Nozzle kit contains Kärcher power nozzles and nozzle inserts. For Inno/Easy-Foam set 700-1000 l/h. For optimal foam system performance.
Foam nozzle mounting kit						
Foam nozzle kit	10	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.

lacktriangle Included in delivery.  $\Box$  Available accessories. lacktriangle 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.	c. 🗆
	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.	è. 🗆
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						

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.









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		Ouden Nomber	Flanningto		Duise	Bassintian	
		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.	Ш
Rotating washing brush							
	2	4.113-004.0	500-800 l/h				
	3	4.113-003.0	500-800 l/h				

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.

















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		Order Number	Length	Diameter		Price	Description	
Geka coupling								
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".	i- 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	4.440-038.0	7,5 m				NW 13 R1" / R 3/4", up to 30 °C	
	9	4.440-207.0	7,5 m				NW 19 R1" / R 3/4", up to 85 °C, for pick-up	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.