



Our medium and super class hot water pressure washers are rugged, simple to operate, and feature a unique ECO mode that automatically adjusts to the most economical temperature range.









1 LED display

- Clearly arranged centrally at the control panel (HDS 13/20)
- Fuel, cleaning agent, system maintenance indicators.

3 Cleaning agent dosing unit

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

2 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.

TECHNICAL DATA AND EQUIPMENT





HDS 5.0/30 -4S Ec

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

Technical data		
Water Volume	GPM	2,6 / 5
Operating pressure	PSI	450 / 3000
Connected load	Α	21
Power rating	hp	11
Weight	lbs	413
Dimensions (L x W x H)	in	51 × 27 × 33
Power supply	Ph / V / Hz	3 / 460 / 60

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Equipment			
Anti-twist system (AVS)		SDS system	
Low fuel cut-out	•	Scale inhibitor	•
Exhaust gas temperature limiter	•	Switch-CHEM-System	-
Trigger gun	Easy-press trigger gun		
Infinitely variable pressure and water flow control on the unit			
Pressure switch control			
Dry run protection			
Low-speed 4-pole motor			
Steam mode	•		
Power nozzle	•		
Steam nozzle	•		

■ Included in delivery.





















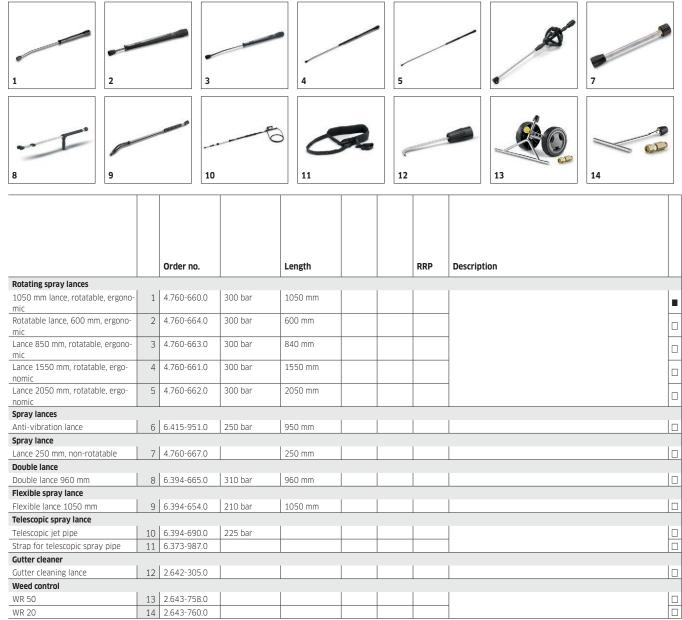




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		Order no.	ID		Length		RRP	Description
Standard with unions on both sides								
High-pressure hose packaged	1	6.391-342.0	ID 8	315 bar	10 m	- 1		
High-pressure hose, 30 m DN 8,	2	6.390-293.0	ID 8	315 bar	30 m			
ncluding rotary coupling		0.390-293.0	10 6	313 ngi	30 111			
onglife 400 with unions on both si	des							
High-pressure hose packaged	3	6.391-354.0	ID 8	400 bar	10 m			
High-pressure hose Longlife 400,	4	6.389-709.0	ID 8	400 bar	15 m			
15 m, DN 8, including rotary coup-	Ť		.5 0	1.00 50.	13			
ing								
High-pressure hose Longlife 400,	5	6.390-294.0	ID 8	400 bar	30 m			
30 m DN 8, including rotary coup-								
ing								
High-pressure hose 1.5 m, DN 8,	6	6.390-178.0	ID 8	400 bar	1,5 m			
including connectors								
Longlife food design with screw co		6.391-864.0	1	400 bar	10 m	1		
High pressure hose food DN 8 / 10	7	6.391-864.0	ID 8	400 bar	10 m			
m High-pressure hose food industry	8	6.391-887.0	ID 8	400 bar	20 m			
400 bar, 20 m, DN 8, including	0	0.391-007.0	10 6	400 bai	20 111			
otary coupling								
onglife 400			·					
High-pressure hose packaged	9	6.391-351.0	ID 8	400 bar	10 m			
onglife food design								
HIgh-pressure hose Longlife 400,	10	6.391-885.0	ID 8	400 bar	10 m			
10 m, DN 8, AVS trigger gun con-								
nection								
High-pressure hose Longlife 400,	11	6.391-886.0	ID 8	400 bar	20 m			
20 m, DN 8, AVS trigger gun con-								
nection								
Special hoses	4.0	1	Lipio	400 have	4 E	1		
High-pressure hose 1.5 m, DN 8,	12	6.388-886.0	ID 8	400 bar	1,5 m			
including connectors, outlet bend Included in delivery	- 21 - 1- 2		▲ Extension					

 $[\]blacksquare$ Included in delivery. $\hfill\Box$ Available accessories. $\hfill \Delta$ Extension hose.





[■] Included in delivery.

Available accessories.

Extension hose.







		Order no.				RRP	Description
Y distributor			<u> </u>	<u>'</u>			·
Y distributor	1	4.405-048.0					
Accumulator kits							
Add-on accumulator for HDS M/S	2	2.641-803.0					

[■] Included in delivery.

Available accessories.

Extension hose.











		Ouden ne	Mater Maluma	Namela sina	Diame-	DDD	Bassintian
		Order no.	Water Volume	Nozzie size	ter	RRP	Description
Hard surface cleaner FRV 30							
FRV 30	1	2.642-999.0					
Add-on kit rubber lip	2	2.642-910.0					
Machine-specific nozzle kits for FR	V						
Nozzle pack 080	3	2.642-982.0		80			
FRV 30 Me surface cleaner							
FRV 30 ME	4	2.642-911.0					
Flächenreiniger FR 50 Me							
FRV 50 ME	5	2.643-598.0					

[■] Included in delivery.

Available accessories.

Extension hose.







		Order no.	Water Volume			RRP	Description
Trigger guns					'		'
High end high-pressure trigger gun	1	4.775-823.0					
Quick connect							
Quick coupling	2	6.401-458.0					
Plug nipple	3	6.401-459.0					

[■] Included in delivery.

Available accessories.

Extension hose.





		Order no.	Nozzle size		RRP	Description	
Power nozzle spray angle 25°							
25° power nozzle for applying cleaning agent	1	2.884-521.0	250				

[■] Included in delivery.

Available accessories.

Extension hose.











		Order no.			RRP	Description
Coupling parts						
	1	6.987-705.0				
Rotary coupling						
Rotary coupling	2	4.401-091.0				
Flue pipe						
Flue gas adapter	3	4.656-079.0				
Cleaning agent injector						
Injector complete HDS 12/18-4S	4	6.645-763.0				
Add-on kit proportioning valve	5	6.500-000.0				

[■] Included in delivery.

Available accessories.

Extension hose.









				Diame-		
		Order no.	Nozzle size	ter	RRP	Description
Pipe cleaning nozzle					1	
Pipe cleaning nozzle 100	1	5.763-088.0	100	24 mm		
Pipe cleaning nozzle 120	2	5.763-089.0	120	16 mm		
Pipe cleaning nozzle	3	5.763-019.0	65	16 mm		
	4	5.763-020.0	65	16 mm		
	5	5.763-021.0	70	30 mm		

[■] Included in delivery.

Available accessories.

Extension hose.





		Oud and a				Parameters.	
		Order no.	Water Volume		RRP	Description	
Cup foam lance							
Tank 1L	1	6.414-954.0					
Cup foam lance	2	6.394-668.0	1200 l/h				

[■] Included in delivery.

Available accessories.

Extension hose.













							\neg
		Order no.	Length		RRP	Description	
Automatic, self-winding hose reels							
, ,	1	1	1				
ABS holder, automatic hose drum HDS M/S	1	2.643-040.0					
Add-on kit hose reel plastics	2	6.392-975.0	20 m				
Add-on kit hose reel	3	6.392-965.0	20 m				
ABS hose reel stainless steel	4	2.641-866.0	20 m				
ABS automatic hose drum HDS M/S	5	2.642-957.0	20 m				

[■] Included in delivery.

Available accessories.

Extension hose.











		Order no.	Water Volume	Water feed temperature	Length	Length	RRP	Description
Solar cleaning - telescopic lances		'	•	1				
iSolar TL 7 H (without hose)	1	4.107-054.0		60 °C				
Telescopic rod complete 10m	2	4.107-053.0		60 °C				
Telescopic rod complete 10m CFK	3	4.107-055.0		60 °C				
Telescopic rod complete 14m	4	4.107-052.0		60 °C				
Hose solar	5	6.392-978.0		155 ℃				
	6	6.392-977.0		155 ℃				
	7	6.392-976.0		155 ℃				

lacktriangle Included in delivery. \Box Available accessories. lacktriangle Extension hose.







		Order no.	Length	Diameter		RRP	Description
Geka coupling							
Geka coupling Geka coupling with hose liner, 1""	1	6.388-465.0					
	1	6.388-465.0					

[■] Included in delivery.

Available accessories.

Extension hose.