



HDS 12/14-4 ST

Stationary diesel-fired high performance hot water high-pressure cleaner



1 Water-cooled 4-pole electric motor (oil-heated)

- Long service life.
- Improved efficiency.

2 Innovative burner technology

- High heat output.
- Spiral heating coil for a compact design.

3 Water treatment unit

- Truckwash

4 Water treatment unit

- Truckwash



HDS 12/14-4 ST

- Integral pressure relief system
- SDS system
- Dry running protection

Technical data

Order Number	1.699-921.0	
EAN code	4054278169521	
Current type	Ph / V / Hz	3 / 400 / 50
Fuse protection	A	min. 20
Flow rate	l/h	600-1200
Pressure	bar / MPa	30-140 / 3-14
Max. temperature	°C	155 / 80
Power rating	kW	7,5
Consumption, heating oil/gas	kg/h	7,3
Weight	kg	160
Dimensions (L x W x H)	mm	1110 × 565 × 700

Equipment

SDS system	■
System pressure relief	■
Flame monitor	■
Ready for Servo Control	■
Ready for remote control	■
■ Included in delivery.	

ACCESSORIES FOR HDS 12/14-4 ST

1.699-921.0

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		Order Number	ID	Max. working pressure	Length	Price	Description	
Standard with unions on both sides								
High-pressure hose, 15 m DN 10, 220 bar, extension	1	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	2	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	3	6.110-044.0	ID 10	220 bar	25 m			▲
Hose assembly premium DN12 21MPa 15m	4	6.110-059.0	ID 12	250 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 protection.	▲
Hose assembly premium DN12 21MPa 40m	5	6.110-060.0	ID 12	250 bar	40 m			▲
Longlife 400 with unions on both sides								
High-pressure hose Longlife 400, 30 m DN 8, including rotary coupling	6	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	7	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 coupling	8	6.110-029.0	ID 8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5	▲
High-pressure hose 1.5 m, DN 8, including connectors	9	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).	□
	10	6.110-069.0	ID 8	400 bar	1.5 m			□
High-pressure hose packaged	11	6.110-038.0	ID 8	400 bar	10 m			□
Food industry version with unions on both sides								
High-pressure hose, 10 m ID 8, suitable for food industry, extension piece	12	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	13	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 unions on both sides								
High pressure hose food DN 8 / 10 m	14	6.110-053.0	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 Longlife 400, 15 m, ID 6, AVS trigger gun connection	15	6.110-054.0	ID 8	400 bar	20 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)	□

□ Available accessories. ▲ Extension hose.

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		Order Number	Flow rate	Nozzle size	Diame- ter	Price	Description	
Hard surface cleaner FR 30 ME								
FR 30 ME surface cleaner	1	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.	<input type="checkbox"/>
Hard Surface Cleaner FR 50								
FR 50 surface cleaner	2	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.	<input type="checkbox"/>
Machine-specific nozzle kit for FR								
Nozzle kit for surface cleaners (type-specific) 1100 - 1300 l/h	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"/>
Machine-specific nozzle kits for FRV								
Nozzle pack 080	4	2.642-982.0		80				<input type="checkbox"/>
Hard surface cleaner FRV 30 Me								
Suction hose FRV 30 me	5	4.441-040.0						<input type="checkbox"/>
FRV 30 ME	6	2.111-012.0						<input type="checkbox"/>
Surface Cleaner FR 50 Me								
	7	2.111-024.0						<input type="checkbox"/>

Available accessories. ▲ Extension hose.

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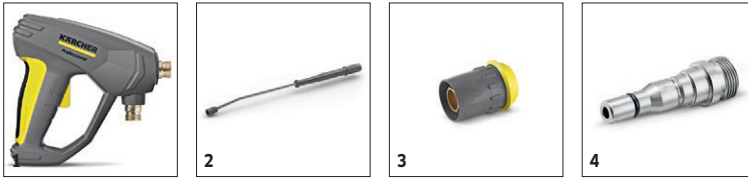


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		Order Number	Nozzle size				Price	Description	
HP nozzle spray angle 0°									
High-pressure nozzle spray angle 0°	1	2.113-038.0	80					High-pressure nozzle with powerful jet for extremely stubborn dirt.	<input type="checkbox"/>
Power nozzle spray angle 15°									
Power nozzle spray angle 15°	2	2.113-051.0	80					Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	<input type="checkbox"/>
Power nozzle spray angle 25°									
Triple nozzle, touchless change-over	3	2.113-015.0	80						<input type="checkbox"/>
Power nozzle spray angle 40°									
Power nozzle spray angle 40°	4	2.113-057.0	80					Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	<input type="checkbox"/>

Available accessories. ▲ Extension hose.

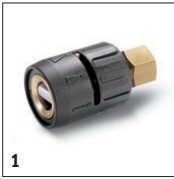
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		Order Number	Flow rate				Price	Description	
Trigger guns									
Extended easy press trigger gun	1	4.118-005.0						Extended easy press high-pressure trigger gun for high-pressure hoses with rotating connector.	<input type="checkbox"/>
Servo Control									
Servo control	2	4.118-009.0	1100 l/h						<input type="checkbox"/>
Quick connect									
Quick-fitting pipe union coupler trapezo	3	2.115-000.0							<input type="checkbox"/>
Quick-fitting pipe union plug nipple tra	4	2.115-001.0							<input type="checkbox"/>

Available accessories. ▲ Extension hose.

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		Order Number	Max. working pressure	Nozzle size			Price	Description
Angle vario nozzle 0°-90°								
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. <input type="checkbox"/>
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. <input type="checkbox"/>

Available accessories. ▲ Extension hose.

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		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.	<input type="checkbox"/>
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.	<input type="checkbox"/>
Nozzle pack for wet blasting attachment									
Nozzle kit for wet blasting attachment 080	3	2.637-908.0	80					Nozzle pack for wet-blasting nozzle for items 28 / 29 Consisting of wet-blasting nozzle and nozzle insert - only in conjunction with wet-blasting attachment 4.762-010/ -022	<input type="checkbox"/>
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.	<input type="checkbox"/>

Available accessories. ▲ Extension hose.

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		Order Number	Max. working pressure	Nozzle size	Diame-ter		Price	Description	
Pipe cleaning hose, ID 6									
Hose assembly TR pipe cleaning DN6 max.2	1	6.110-046.0	250 bar						<input type="checkbox"/>
Pipe cleaning hose, DN 6, 20 m, 220 bar	2	6.110-008.0	250 bar					20 m flexible high-pressure hose (DN 6) for cleaning pipes up to 220 bar (threaded connection for R 1/8 nozzle).	<input type="checkbox"/>
Hose assembly TR pipe cleaning DN6 max.2	3	6.110-047.0	250 bar						<input type="checkbox"/>

Available accessories. Extension hose.

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		Order Number	Flow rate				Price	Description	
Cup foam lance									
Packing complete for 6.394-968.0	1	2.112-017.0							<input type="checkbox"/>
Tank 1L	2	6.414-954.0							<input type="checkbox"/>
Inno Foam Set									
Inno foam kit with detergent injector	3	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"/>
Easy Foam Set									
Easy Foam Set with RM injector	4	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"/>
Nozzle kits for Inno/Easy Foam Set									
Nozzle kit 110 Inno/Easy set 1000 - 1300 l/h	5	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.	<input type="checkbox"/>
Foam nozzle mounting kit									
Foam nozzle kit	6	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"/>

Available accessories. ▲ Extension hose.

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		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.	<input type="checkbox"/>
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.	<input type="checkbox"/>
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.	<input type="checkbox"/>
	4	6.392-105.0	20 m						<input type="checkbox"/>
Hose reel, automatic, 20 m, stainless steel	5	6.392-076.0	20 m					Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	<input type="checkbox"/>
ABS hose reel stainless steel	6	6.392-122.0	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"/>
Swivel holder	7	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"/>
ABS wall fastening stainless steel	8	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"/>

Available accessories. ▲ Extension hose.

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			Order Number	Max. working pressure	Length			Price	Description	
Rotating spray lances										
Lance 250 mm, non-rotatable	1	4.112-027.0	300 bar	250 mm						<input type="checkbox"/>
550 mm lance, non-rotatable	2	4.112-024.0	300 bar	400 mm						<input type="checkbox"/>
Rotatable lance, 600 mm, ergonomic	3	4.112-007.0	300 bar	600 mm					600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Lance 850 mm, rotatable, ergonomic	4	4.112-006.0	300 bar	840 mm					850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
1050 mm lance, rotatable, ergonomic	5	4.112-000.0	300 bar	1050 mm					1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Lance 1550 mm, rotatable, ergonomic	6	4.112-018.0	300 bar	1550 mm					1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Lance 2050 mm, rotatable, ergonomic	7	4.112-021.0	300 bar	2050 mm					2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Double lance										
Double lance 960 mm	8	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).	<input type="checkbox"/>
Angular spray lance										
WC and gutter lance	9	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"/>
Flexible spray lance										
Flexible lance 1050 mm	10	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.	<input type="checkbox"/>
Telescopic spray lance										
Telescopic jet pipe	11	4.112-037.0	225 bar	5400 mm						<input type="checkbox"/>
Restraint belt for telescopic jet pipe	12	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.	<input type="checkbox"/>
Gutter cleaner										
Gutter cleaning lance	13	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"/>
Undercarriage spray lance										
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.	<input type="checkbox"/>
Additional handle										
	15	4.321-380.0								<input type="checkbox"/>

Available accessories. ▲ Extension hose.

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		Order Number	Flow rate				Price	Description	
Push-on washing brush									
Push-on washing brush	1	4.762-497.0						With clamp for mounting directly to units' double or triple nozzle. Fits on new double and triple nozzles.	<input type="checkbox"/>
Rotating washing brush									
	2	4.113-002.0	800-1300 l/h						<input type="checkbox"/>
	3	4.113-005.0	800-1300 l/h						<input type="checkbox"/>

Available accessories. ▲ Extension hose.

ACCESSORIES FOR HDS 12/14-4 ST 1.699-921.0



		Order Number	Length	Diameter		Price	Description	
Geka coupling								
Hose coupling	1	6.388-458.0					with female thread	<input type="checkbox"/>

Available accessories. Extension hose.