

HD 7/16-4 ST

The space-saving stationary high-pressure cleaners from Kärcher with up to 6 supply points can be individually configured according to requirements and impress with low wear and tear.







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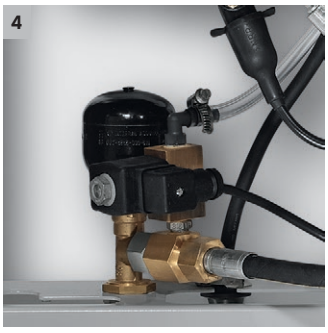
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1 Adaptation according to requirements thanks to retrofitting capability

- Almost all equipment features and accessories can be retrofitted

2 Especially hot and effective cleaning thanks to high-temperature hot water feed

- Up to 70°C water supply temperature even in the basic model.
- Brass cylinder head and special seals ensure minimal wear and tear

3 Individual configurability saves investment costs

- Choice of three basic units
- Choice of seven additional kits

4 Long service life guarantees high value retention

- Robust ceramic pistons.

HD 7/16-4 ST, 1.524-500.2, 2017-03-09

TECHNICAL DATA AND EQUIPMENT

KÄRCHER



HD 7/16-4 ST

- Compact model
- Single-lance operation

Technical data

Order No.		1.524-500.2
Type of current	**Ph / V / Hz**	3 / 400 / 50
Flow rate	**l/h**	300–700
Operating pressure	**bar / MPa**	30–160 / 3–16
Max. pressure	**bar / MPa**	190 / 19
Max. feed temperature	**°C**	70
Power rating	**kW**	4,4
Weight	**kg**	53
Dimensions (L x W x H)	**mm**	533 × 420 × 790

Equipment

Trigger gun		Easy-press trigger gun
Trigger gun with Softgrip insert		■
Servo Control		–
High-pressure hose	**m**	10 / ID 8, 315 bar
Triple nozzle (0°/25°/40°)		Manual
Anti-twist system		■
Stainless steel spray lance	**mm**	1050
Ready for Servo Control		■

■ **Included in delivery.**

HD 7/16-4 ST, 1.524-500.2, 2017-03-09

ACCESSORIES FOR HD 7/16-4 ST 1.524-500.2

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		Order No.	ID	Max. working pressure	Length		Price	Description	
Standard with unions on both sides									
High-pressure hose packaged	1	6.391-342.0	ID 8	315 bar	10 m				
Longlife 400 with unions on both sides									
High-pressure hose packaged	2	6.391-354.0	ID 8	400 bar	10 m				
	3	6.392-282.0	ID 8	400 bar	1,5 m				□
High-pressure hose 1.5 m, ID 8, including connectors	4	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).	□
High-pressure hose Longlife 400, 10 m, ID 8, including rotary coupling	5	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.	□
Longlife food industry version with unions on both sides									
High pressure hose food ID 8 / 10 m	6	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	7	6.391-887.0	ID 8	400 bar	20 m				
Standard									
High-pressure hose, 10 m DN 8, AVS trigger gun connector	8	6.390-025.0	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.	■
Longlife 400									
High-pressure hose packaged	9	6.391-351.0	ID 8	400 bar	10 m				□
Longlife food industry version									
HIgh-pressure hose Longlife 400, 10 m, ID 8, AVS trigger gun connection	10	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)	□
Special hoses									
High-pressure hose 1.5 m, ID 8, including connectors, outlet bend	11	6.388-886.0	ID 8	400 bar	1,5 m				□

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

ACCESSORIES FOR HD 7/16-4 ST 1.524-500.2

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		Order No.	Flow rate				Price	Description	
Easy Press high-pressure gun with holding power reduction (Kärcher patent)									
Easy press high-pressure 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	4.775-470.0	750–1100 l/h						□
Quick connect									
Quick coupling	3	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.	□
Plug nipple	4	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 HD 7/16-4 ST 1.524-500.2

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		Order No.	Max. working pressure	Nozzle size			Price	Description	
Triple nozzles									
Triple nozzle 043	1	4.767-152.0	300 bar	43				Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For high-pressure cleaners with injector; low-pressure fan jet for detergent removal and application. Connector M 18x1.5.	■
Triple jet nozzle only for replacement 1	2	4.767-205.0	300 bar	100					□

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

ACCESSORIES FOR HD 7/16-4 ST 1.524-500.2

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		Order No.	Max. working pressure	Length			Price	Description	
Rotating spray lances									
1050 mm lance, rotatable, ergonomic	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.	■
Rotatable lance, 600 mm, ergonomic	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.	□

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

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

ACCESSORIES FOR HD 7/16-4 ST 1.524-500.2

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		Order No.					Price	Description	
HP stationary attachment kit									
Pressure relief kit	1	2.209-773.0						"Pressure relief" kit for effective system care.	☐
Water softener dosing unit	2	2.209-777.0						Kit for avoiding limescale deposits in the system.	☐
Operating hour counter	3	2.209-778.0						"Operating hour counter" kit for documenting device operating time.	☐
ABS: Remote control preparation, one cleaning agent, low-pressure application, remote control preparation, high-pressure, one cleaning agent	4	2.209-779.0						"Remote control preparation" kit for one cleaning agent for low-pressure application.	☐
ABS: Remote control preparation, two cleaning agents, low-pressure application	5	2.209-780.0						"Remote control preparation" kit for two cleaning agents for low-pressure application.	☐
ABS: Remote control preparation, one cleaning agent, high-pressure application	6	2.209-799.0						"Remote control preparation" kit for one cleaning agent for high-pressure application.	☐
ABS: Remote control preparation, two cleaning agents, high-pressure application	7	2.209-800.0						"Remote control preparation" kit for two cleaning agents for high-pressure application.	☐

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

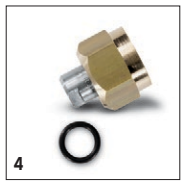
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		Order No.	Flow rate	Nozzle size	Diame-ter		Price	Description	
Hard surface cleaner FR 30									
FR 30	1	2.642-997.0			300 mm				☐
Hard surface cleaner FR 30 ME									
FR 30 ME surface cleaner	2	2.640-355.0			300 mm			Hot water resistant stainless steel surface cleaner with double ceramic bearings, non-marking swivel castors and suction hose connection. Ideal for indoor cleaning, e.g. food industry.	☐
Hard Surface Cleaner FR 50									
FR 50 surface cleaner	3	2.640-679.0			500 mm			Hot water resistant stainless steel surface cleaner with 500 mm working width. Ideal for large areas.With double ceram-ic 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	4	2.639-187.0	650–850 l/h					Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (650 to 850 l/h).	☐

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

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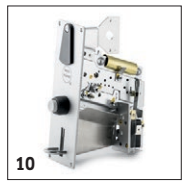

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		Order No.					Price	Description	
Nozzle union									
Nozzle connector	1	5.401-210.0						For protecting and connecting Kärcher power nozzles to spray lances (M 18 x 1.5 IG).	☐
Take-off point equipment									
Hose and spray lance holder VA	2	2.042-003.0						Hose and spray lance wall holder for practical and safe storage of high-pressure hoses or spray lances. Stainless steel wall holder.	☐
Remote control									
Remote control	3	2.637-491.0						Easy to use remote control for stationary high-pressure cleaners. With rocker switch, ISO housing for wall mounting and fixing material.	☐
Remote control I-O, RM 1+2	4	2.744-014.0							☐
Remote control, I-O, RM 1+2	5	2.744-015.0						Accessories for stationary high-pressure cleaning systems	☐
Priority switch	6	2.638-200.0							☐
Coin acceptor, 50 cents	7	2.639-912.0							☐
Coin acceptor, 1 €	8	2.639-913.0							☐
Coin acceptor, 2 €	9	2.639-914.0							☐
Coin acceptor, tokens	10	6.768-063.0						Token	☐
Junction box for remote control	11	2.209-798.0							☐
Cable harness add-on kit	12	2.209-807.0						The remote unlocking junction box attachment kit is used to connect a button for remote unlocking or an emergency stop switch.	☐
Multiple coin remote control without coin acceptor	13	2.642-422.0							☐
Control electronics multiple remote control	14	2.744-036.0							☐
Emergency stop switch - for installation in remote control 2.744-015	15	6.635-434.0							☐
	16	6.651-485.0							☐
Plant installation									
Water supply hose; 1.5 m: DN 19 R1	17	4.440-733.0							☐
Detergent tank, 60 l, empty	18	5.070-078.0						60 l cleaning agent container, empty	☐
Emergency Stop switch	19	2.744-002.0						Emergency Stop switch with ISO housing for wall mounting. With 0.4 m power cord and fixing material.	☐
Water feed solenoid valve	20	2.209-788.0							☐
Solenoid valve suction water	21	2.209-805.0							☐
Fine-mesh water filter	22	2.209-806.0							☐
Floor rack, varnished	23	2.210-058.0							☐
Floor rack, stainless steel	24	2.210-059.0							☐
Filter cartridge 100 µm for 2.209-806	25	6.414-977.0							☐
High-pressure pipework									
Connector, galvanised steel	26	2.638-180.0						Alternativ : stainless steel 2.638-181	☐
Shut-off valve, galvanised steel	27	4.580-144.0						Shut-off valve, galvanised steel. Connects between high-pressure pipe system and high-pressure hose. Connectors: 1x M22 x 1.5 and 1x M24 x 1.5. With wall mounting plate and fixing material.	☐
Pipe kit, galvanised steel, 3 m	28	2.420-004.0						High-pressure pipe kit with 3 m galvanised steel pipe Ø 16 x 2.5 mm, DN 11 and fixing accessories: Compression fitting, 4 pipe clamps, 4 hanger bolts and 4 plastic dowels.	☐

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

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		Order No.					Price	Description	
Tee, galvanised steel	29	6.386-269.0						Tee (90°), galvanised steel with compression fitting for 16 mm pipes. Fixing material (Ermeto) included.	□
Elbow union, galvanised steel	30	6.386-356.0						Elbow union, galvanised steel. With 90° angle piece with compression fitting (Ermeto) at both ends for 16 mm pipes.	□
Pipe insulation, per running meter	31	6.286-147.0						For thermal insulation of pipes. Pipe cladding. Wall thickness 9 mm. PE foam with moisture barrier. Available per running meter.	□
Adapter piece, galvanised steel	32	2.638-182.0						Alternative: stainless steel 2.638-183	□
Quick-release coupling, fixed part	33	6.463-025.0						fixed part	□
Union nut, galvanised steel	34	6.386-423.0						Union nut, galvanised steel. For 16 mm compression fitting.	□
Cutting ring	35	6.386-357.0						Galvanised steel cutting ring. For 16 mm compression fitting.	□
High-pressure pipe kit	36	2.420-006.0						High-pressure pipe kit with 3 m stainless pipe Ø 16 x 2 mm, ID 12 and mounting accessories: compression fitting, 4 pipe clamps, 4 hanger bolts and 4 plastic dowels.	□
Connector pipe/high-pressure hose, stainless steel	37	2.638-181.0						Stainless steel	□
Connector pipe/stop valve, stainless steel	38	2.638-183.0							□
Shut-off valve, stainless steel	39	4.580-163.0							□
	40	6.386-428.0						(VA)	□
Union nut, stainless steel	41	6.386-465.0						Stainless steel	□
Stainless steel elbow union 90°	42	6.386-466.0						Stainless steel elbow union 90° with compression fitting (Ermeto) at both ends for 16 mm pipes.	□
Quick-release coupling, moveable part	43	6.463-023.0						loose part	□
Coupling									
Coupler -2xM22x1,5	44	4.403-002.0						Brass double connector for connecting and extending high-pressure hoses. With rubber protection. Connector: 2x M 22 x 1.5 m.	□
Adapter EASY!Lock									
Adapter 1 M22AG-TR22AG	45	4.111-029.0							□
Adapter 2 M22IG-TR22AG	46	4.111-030.0							□
Adapter 3 M22IG-TR22AG	47	4.111-031.0							□
Adapter M22 - Swivel	48	4.111-032.0						M22 x 1,5female and swivel connection. For extension of high-pressure hoses with AVS connection or for usage of the telescopic lance with a high-pressure hose with AVS connection.	□
Adapter 5 TR22IG-M22AG	49	4.111-033.0							□
Adapter 6 TR22IG-M22AG	50	4.111-034.0							□
Adapter 7 M18IG-TR20AG	51	4.111-035.0							□
Adapter 8 TR20IG-M18AG	52	4.111-036.0							□
Hose track system high-pressure cleaners									
C-rail, per running metre	53	6.233-017.0						C-rail profile as a guide track. 30x32 mm, 2 mm wall thickness 1.56 kg/m. Available per running metre.	□
Rail connector	54	6.541-011.0							□
Hose drum, automatic, 10 m	55	2.637-750.0						20m	□
End stop	56	6.541-025.0							□
Cable trolley	57	6.541-026.0						Cable trolley for C-rail profile. 20 kg capacity. Weight 0.11 kg. Galvanised steel ball bearing.	□
End bracket	58	6.541-028.0							□

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

ACCESSORIES FOR HD 7/16-4 ST 1.524-500.2

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		Order No.					Price	Description	
Handle	59	6.541-029.0						C-rail profile clamp. Galvanised steel. Plastic clamping parts. Weight 0.06 kg.	☐
Wall bracket	60	6.541-039.0						Wall holder for galvanised steel C-rail profile.	☐
Rail holder wall	61	6.541-012.0						Galvanised steel rail bracket for C-rail profile. Weight 0.235 kg.	☐
Spring balancer	62	6.542-001.0							☐
Spray lance runner, movable	63	4.042-610.0						moveable	☐
Swinging boom, column	64	2.637-121.0						Swinging boom, column	☐
Hose drum, automatic, 10 m	65	2.637-238.0						Hose reel, automatic, 10 m	☐
Hose reel, manual, 20 m, painted	66	2.637-577.0							☐
Hose reel, manual, 20 m, stainless steel	67	2.637-566.0							☐
Rail holder	68	6.541-027.0							☐
Control cable									
Control cable 3 x 1.5 mm²	69	6.641-059.0						Connecting cable 3 x 1.5 mm². Available by the meter.	☐
Control cable 5 x 1.5 m	70	6.641-061.0							☐
Control cable 7 x 1.5 m	71	6.641-064.0							☐
Control cable 10 x 1.5 m	72	6.641-082.0							☐
Control cable 12 x 0.75 m	73	6.641-815.0							☐
Conduit	74	2.420-008.0						Conduit for control cable installation. Consisting of 3 m conduit, 5x conduit clips, 5x dowels, 5x screws.	☐
Clamp for conduit (use 5 every 3 metres)	75	6.373-377.0							☐
	76	6.647-222.0							☐

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

ACCESSORIES FOR HD 7/16-4 ST 1.524-500.2

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		Order No.	Nozzle size				Price	Description	
Power nozzle spray angle 25°									
Power nozzle, spray angle 25°	1	2.883-831.0	42						☐

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

ACCESSORIES FOR HD 7/16-4 ST 1.524-500.2

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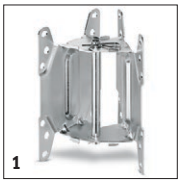

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		Order No.	Flow rate				Price	Description	
Cup foam lance									
Cup foam lance	1	6.394-668.0	1200 l/h					Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.	☐
Inno Foam Kit									
Inno foam kit with detergent injector	2	2.640-151.0						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.	☐
Easy Foam Set									
Easy Foam Set with RM injector	3	2.640-691.0						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.	☐

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

ACCESSORIES FOR HD 7/16-4 ST 1.524-500.2

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		Order No.	Length				Price	Description	
Automatic, self-winding hose reels									
Swivel holder	1	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.	☐
Add-on kit hose reel plastics	2	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.	
Add-on kit hose reel	3	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.	
Hose reel, automatic, 20 m, painted	4	2.639-919.0	20 m					Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	☐
Hose reel, automatic, 20 m, stainless steel	5	6.391-421.0	20 m					Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	☐

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

ACCESSORIES FOR HD 7/16-4 ST 1.524-500.2

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		Order No.					Price	Description	
Wash bay equipment									
Swivelling boom 360° for high-pressure tool	1	4.058-106.0						Swivelling boom for HP-working hose (360° turning circle). Mounted above the washing bay.	☐

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

ACCESSORIES FOR HD 7/16-4 ST 1.524-500.2

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		Order No.					Price	Description	
Other HP Accessories									
	1	2.637-774.0						Week / daily programme	☐

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