

HD 7/16-4 ST

The configurable HD 7/16-4 ST, with a working pressure of 160 bar, is the starting version in the area of stationary high-pressure cleaners with single-lance operation



Made in Germany



3-4 h



EASY!Force



ANTI-TWIST



5x

LIFETIME
FULL CERAMIC
VALVE

Order no.

1.524-950.2

- Compact dimensions
- Incl. complete spray unit
- Single-lance operation

Technical data

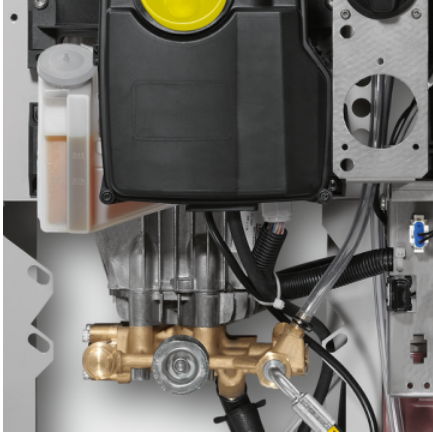
Supply voltage	Ph / V / Hz	3 / 400 / 50
Flow rate	l/h	300 - 700
Working pressure	bar / MPa	30 - 160 / 3 - 16
Max. pressure	bar / MPa	190 / 19
Inlet temperature	°C	70
Connected load	kW	5
Protection	A	16
Water inlet		1"
Number of users		1
Portability		Stationary
Weight (with accessories)	kg	53
Dimensions (L × W × H)	mm	533 × 420 × 790

Equipment

Spray gun		EASY!Force Advanced
High-pressure hose	m	10 / ID 8, 315 bar
Triple nozzle (0°/ 25°/40°)		manual
Stainless steel spray lance	mm	1050
System pressure relief		■
Prepared for remote control		■
Prepared for servo control		■
Pre-equipped for a detergent inlet		■

■ Included in the scope of supply.

Users must receive training on this device.



Always flexible thanks to fast retrofitting capability

- Most functions and accessory parts can be retrofitted at any time.
- Simple Plug 'n' Play saves assembly costs.
- Adjustment to changed requirements instead of a new purchase.

Application-based configuration

- For low investment costs: choose a basic unit and simply select the required equipment features.
- You don't pay for anything that isn't really needed.
- Extensive range of accessories for a wide range of applications.

High flexibility

- Further accessory parts or equipment can be attached.
- Remote controls can be used directly at the point of use.
- Simple pre-connection of a HWE 860 hot water generator possible.

ACCESSORIES FOR HD 7/16-4 ST 1.524-950.2



		Order no.	Description	
TRIGGER GUNS				
Spray 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.	■
EASY!Force conversion kit 1 - from high-pressure hose	2	4.111-050.0	For retrofitting Kärcher high-pressure cleaners with existing high-pressure hose: EASY!Force conversion kit 1 with EASY!Force high-pressure gun, spray lance and all adapters through to the nozzle.	□
EASY!Force conversion kit 2 - from machine	3	4.111-051.0	Developed for retrofitting existing high-pressure cleaners from Kärcher: EASY!Force conversion kit 2 with EASY!Force high-pressure gun, spray lance, high-pressure hose and necessary adapters.	□
EASY!Force conversion kit 3 - high-pressure gun	4	4.111-052.0	Compatible with existing high-pressure hose and spray lance: EASY!Force conversion kit 3, incl. EASY!Force trigger gun and all necessary adapters for upgrading your high-pressure cleaner.	□
Easy Press high-pressure trigger gun with holding force reduction (Kärcher patent)				
Easy Press HP trigger gun with soft grip	5	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.	□
Easy Press HP trigger gun with soft grip, M22 x 1.5	6	4.775-466.0	Easy press high-pressure trigger gun with integrated adapter for connecting to high-pressure hoses M 22 x 1.5.	□
Servo control				
Servo Control, < 750 l/h	7	4.118-007.0	Servo control for water flow and pressure control (< 750 l/h) on trigger gun.	□
Servo Control, 750 l/h - 1100 l/h	8	4.118-008.0	Water quantity and pressure regulated directly from the hand spray gun.	□
	9	4.775-470.0	Water flow and pressure control on the trigger gun.	□
SPRAY LANCES				
Rotating spray lances				
Spray lance, 1050 mm, rotatable	10	4.112-000.0	1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	■
LED nozzle light	11	2.680-002.0	Bright, lightweight LED work light for direct mounting on spray lance of EASY!Force high-pressure gun. Better view in unfavourable lighting conditions for up to 5 working hours.	□
Spray lance, 250 mm, rotatable	12	4.112-027.0	Spray lance, 250 mm, rotatable, ergonomic	□
Spray lance, 400 mm, rotatable	13	4.112-024.0	Spray lance, 400 mm, rotatable, ergonomic	□
Spray lance, 600 mm, rotatable	14	4.112-007.0	600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□

■ Included in the scope of supply. □ Available accessories.

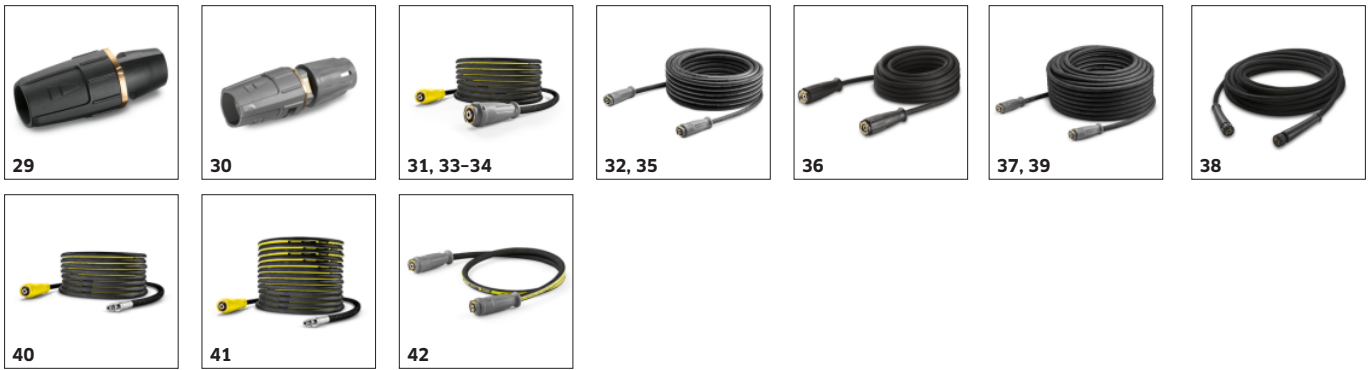
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		Order no.	Description	
SPRAY LANCES				
Rotating spray lances				
Spray lance, 840 mm, rotatable	15	4.112-006.0	850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Spray lance, 1550 mm, rotatable	16	4.112-018.0	1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Spray lance, 2050 mm, rotatable	17	4.112-021.0	2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Spray lance extender, 1000 mm	18	4.112-048.0	Spray lance extension with EASY!Lock connection. Length 1000 mm.	<input type="checkbox"/>
Spray lance, 600 mm, rotatable	19	4.760-664.0	600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	<input type="checkbox"/>
Spray lance, 1050 mm, rotatable	20	4.760-660.0	1050 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	21	2.112-016.0	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"/>
	22	6.394-665.0		<input type="checkbox"/>
Angular spray lance				
Spray lance for toilets and rain gutters	23	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	24	4.112-035.0	1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.	<input type="checkbox"/>
High pressure articulated joint	25	4.112-057.0	For hard-to-reach areas: High-pressure articulated joint with infinite angle adjustment up to 120°. Simply attach directly to the spray lance of the pressure washer.	<input type="checkbox"/>
Gutter cleaner				
Gutter cleaning lance	26	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	27	4.112-032.0	Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	<input type="checkbox"/>
Additional handle				
Additional handle for EASY!Lock spray lances	28	4.321-380.0	Comfortable in every situation - the additional handle is easy to attach to the spray lance of our new EASY!Lock generation and makes work easier by allowing you to adjust your posture to suit the particular task. Regularly changing your posture relieves the strain on your body, making work more relaxed. Thanks to the 360°-rotatable spray lance, the additional handle can simply be fully rotated whilst working for greater flexibility.	<input type="checkbox"/>

■ Included in the scope of supply. □ Available accessories.

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	Order no.	Description	
MULTIPLE-JET NOZZLES			
Triple nozzles			
Triple nozzle, 043	29 4.767-152.0	Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For machines with an injector, the low-pressure flat stream is useful for cleaning agent suction and application.	■
	30 4.117-035.0	Triple nozzle with manual nozzle changeover. Convenient spray adjustment. For machines with an injector, the low-pressure flat stream is useful for cleaning agent suction and application.	■
HIGH-PRESSURE HOSES			
Standard with unions on both sides			
High-pressure hose, 10 m, DN 8, 315 bar, 2 × EASY!Lock	31 6.110-031.0	High-pressure hose (DN 8) suitable up to 315 bar pressure. With innovative EASY!Lock manual screw fitting on both sides, ANTI!Twist and 10 m long.	■
High-pressure hose, 10 m, DN 10, 220 bar, 2 × EASY!Lock	32 6.110-041.0	Impressive values and basic equipment: 10 m long high-pressure hose (DN 10) developed for pressures up to 220 bar.	□
High-pressure hose, 20 m, DN 8, 315 bar, 2 × EASY!Lock	33 6.110-032.0	20 m long high-pressure hose (DN 8) equipped with the time-saving and robust EASY!Lock manual screw fitting on both sides. Approved for pressures up to 315 bar.	□
High-pressure hose, 30 m, DN 8, 315 bar, 2 × EASY!Lock	34 6.110-014.0	Comfortable length (30 m) and innovative EASY!Lock manual screw fitting: High-pressure hose (DN 8) with ANTI!Twist for pressures up to 315 bar.	□
High-pressure hose, 15 m, DN 10, 220 bar, 2 × EASY!Lock	35 6.110-042.0	Equipped with innovative EASY!Lock manual screw fitting and suitable for pressures up to 220 bar: 15 m long high-pressure hose (DN 10).	□
High-pressure hose, 20 m, DN 10, 220 bar, 2 × EASY!Lock	36 6.110-043.0	20 m in length and the extremely time-saving and comfortable EASY!Lock manual screw fitting on both sides are some of the main features of this high-pressure hose (DN 10).	□
High-pressure hose, 25 m, DN 10, 220 bar, 2 × EASY!Lock	37 6.110-044.0	Impressive values and basic equipment: 25 m long high-pressure hose (DN 10) developed for pressures up to 220 bar.	□
High-pressure hose, 15 m, DN 12, 210 bar, 2 × EASY!Lock	38 6.110-059.0	Designed for working pressures up to 250 bar: High-pressure hose (DN 12) with a length of 15 m. Has the comfortable EASY!Lock manual screw fitting on both sides.	□
High-pressure hose, 40 m, DN 12, 210 bar, 2 × EASY!Lock	39 6.110-060.0	With EASY!Lock manual screw fitting and lots of room for manoeuvre thanks to 40 m in length: High-pressure hose (DN 12) with EASY!Lock manual screw fitting on both sides. Suitable for working pressures up to 250 bar.	□
Standard			
High-pressure hose, 20 m, DN 8, 315 bar, 1 × EASY!Lock / 1 × AVS-hose reel connection	40 6.110-011.0	High-pressure hose with AVS hose reel connection and EASY!Lock hand screw connection.	□
Longlife 400			
High-pressure hose Longlife, 20 m, DN 8, 400 bar, 1 × EASY!Lock / 1 × AVS-hose reel connection	41 6.110-028.0	20 m high-pressure hose (ID 8), for up to 400 bar pressure. With AVS hose reel connection and double steel reinforcement. EASY!Lock hand screw connection at other end of the hose.	□
Longlife 400 with unions on both sides			
High-pressure hose Longlife, 1,5 m, DN 8, 400 bar, 2 × EASY!Lock	42 6.110-024.0	1,5 m short high-pressure hose (DN 8). Comfortable EASY!Lock manual screw fitting on both sides for robust and quick connections. Durable and designed for up to 400 bar pressure.	□

■ Included in the scope of supply. □ Available accessories.

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	Order no.	Description	
HIGH-PRESSURE HOSES			
Longlife 400 with unions on both sides			
High-pressure hose Longlife, 1,5 m, DN 8, 400 bar, 1 × EASY!Lock / 1 × M22 × 1.5	43 6.110-069.0	1.5 m long high-pressure hose (DN 8) suitable for up to 400 bar pressure with double steel core. Connections: M 22 × 1.5, as well as the comfortable and quick EASY!Lock manual screw fitting.	<input type="checkbox"/>
High-pressure hose Longlife, 1,5 m, DN 8, 400 bar, 2 × M22 × 1.5	44 6.390-178.0	1.5 m high-pressure hose (DN 8, M 22 × 1.5) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 × 1.5).	<input type="checkbox"/>
High-pressure hose Longlife, 10 m, DN 8, 400 bar, 2 × EASY!Lock	45 6.110-038.0	Durable, 10 m long high-pressure hose (DN 8) with double steel core and EASY!Lock manual screw fitting on both sides and ANTI!Twist. Approved for 400 bar pressure.	<input type="checkbox"/>
High-pressure hose Longlife, 10 m, DN 8, 400 bar, 2 × M22 × 1.5	46 6.388-083.0	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 × 1.5, with kink protection.	<input type="checkbox"/>
High-pressure hose Longlife, 30 m, DN 8, 400 bar, 2 × EASY!Lock	47 6.110-023.0	Robust high-pressure hose with double steel core, ANTI!Twist and EASY!Lock manual screw fitting on both sides. Nominal size DN 8, 30 m long, for up to 400 bar pressure.	<input type="checkbox"/>
High-pressure hose Longlife, 20 m, DN 8, 400 bar, 2 × EASY!Lock	48 6.110-027.0	High-pressure hose with ANTI!Twist, EASY!Lock manual screw fittings and double steel core. 20 m long, nominal size DN 8, EASY!Lock manual screw fitting on both sides.	<input type="checkbox"/>
High-pressure hose Longlife, 15 m, DN 8, 400 bar, 2 × EASY!Lock	49 6.110-029.0	The double steel core ensures a particularly long life of this 15 m long high-pressure hose (DN 8), which is approved for pressures up to 400 bar.	<input type="checkbox"/>
Food industry version with unions on both sides			
High-pressure hose food grade, 15 m, DN 6, 250 bar, 2 × EASY!Lock	50 6.110-063.0	15 m long high-pressure hose (ID 6), food grade, with AVS hose reel connection, EASY!Lock hand screw connection and grey, non-marking outer covering.	<input type="checkbox"/>
High-pressure hose food grade, 10 m, DN 8, 250 bar, 2 × EASY!Lock	51 6.110-051.0	High-pressure hose (ID 6), 10 m long, with grey, non-marking outer covering. Approved for use in the food industry. With quick and robust EASY!Lock hand screw connection at both ends.	<input type="checkbox"/>
High-pressure hose food grade, 20 m, DN 8, 250 bar, 2 × EASY!Lock	52 6.110-052.0	Suitable for use in food industry: 20 m long high-pressure hose (ID 8) with grey, non-marking outer covering, ANTI!Twist and EASY!Lock hand screw connections.	<input type="checkbox"/>
Longlife food design			
High-pressure hose food grade, 20 m, DN 8, 400 bar, 1 × EASY!Lock / 1 × AVS-hose reel connection	53 6.110-075.0		<input type="checkbox"/>
Longlife food design with screw connections at both ends			
High-pressure hose food grade Longlife, 10 m, DN 8, 400 bar, 2 × EASY!Lock	54 6.110-053.0	With blue, non-marking and animal fat resistant outer covering: durable high-pressure hose (ID 8), 10 m long, ANTI!Twist and EASY!Lock hand screw connection at both ends.	<input type="checkbox"/>
High-pressure hose food grade Longlife, 20 m, DN 8, 400 bar, 2 × EASY!Lock	55 6.110-054.0	Durable high-pressure hose with double steel reinforcement and blue, non-marking and animal fat resistant outer covering. 20 m long with EASY!Lock hand screw connections.	<input type="checkbox"/>
High-pressure hose food grade, 10 m, DN 8, 400 bar, 2 × M22 × 1.5	56 6.391-864.0	Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With rotary coupling, 2 × M 22 × 1.5	<input type="checkbox"/>

■ Included in the scope of supply. □ Available accessories.

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		Order no.	Description	
HIGH-PRESSURE HOSES				
Special hoses				
High-pressure hose curved, 1.5 m, DN 8, 400 bar, 1 × EASY!Lock / 1 × M22 × 1.5	57	6.110-068.0	For connection to hose reels: high-pressure hose, with M 22 × 1.5 connection and curved EASY!Lock hand screw connection. 1.5 m long, suitable for up to 400 bar working pressure.	<input type="checkbox"/>
High-pressure hose curved, 1.5 m, DN 8, 400 bar, 1 × M22 × 1.5 / 1 × AVS-hose reel connection	58	6.388-886.0	Connection hose in longlife quality with 2x M22 × 1.5, with angled connection on one side.	<input type="checkbox"/>
STATIONARY HIGH-PRESSURE CLEANERS				
Electric flow heater				
HWE 860	59	3.070-030.0	The electrical hot water generator is used in combination with a pressure washer and can heat water up to 85 °C.	<input type="checkbox"/>
ROTARY NOZZLES (DIRT BLASTERS)				
Dirt blaster, large				
Dirt blaster, large, 045	60	4.114-042.0	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"/>
KÄRCHER POWER NOZZLE				
HP nozzle spray angle 0°				
Power nozzle 0°, 045	61	2.113-033.0	High-pressure nozzle with powerful jet for extremely stubborn dirt.	<input type="checkbox"/>
Power nozzle spray angle 15°				
Power nozzle 15°, 045	62	2.113-046.0	Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	<input type="checkbox"/>
Power nozzle spray angle 25°				
Power nozzle 25°, 043	63	2.883-829.0	Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.	<input type="checkbox"/>
	64	2.113-008.0		<input type="checkbox"/>
Power nozzle spray angle 40°				
Power nozzle 40°, 045	65	2.113-053.0	Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	<input type="checkbox"/>
NOZZLE UNION / SPACER				
Nozzle union				
Nozzle screws	66	4.112-011.0	Nozzle screws with protectors for high-pressure and power nozzles	<input type="checkbox"/>
Nozzle connector	67	5.401-210.0	For protecting and connecting Kärcher power nozzles to spray lances (M 18 × 1.5 IG).	<input type="checkbox"/>
PIPE CLEANING				
Pipe cleaning hose, ID 6				
Pipe cleaning hose, ID 6, 10 m, max. 250 bar	68	6.110-046.0	The 10 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	<input type="checkbox"/>
Pipe cleaning hose, ID 6, 20 m, max. 250 bar	69	6.110-008.0	The 20 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	<input type="checkbox"/>
Pipe cleaning hose, ID 6, 30 m, max. 250 bar	70	6.110-047.0	The 30 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	<input type="checkbox"/>

Available accessories.

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	Order no.	Description	
PIPE CLEANING			
Pipe cleaning hose, ID 6			
Pipe cleaning hose, ID 6, 10 m, max. 140 bar	71	6.110-048.0	10 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle). <input type="checkbox"/>
Pipe cleaning hose, ID 6, 20 m, max. 140 bar	72	6.110-049.0	The 20 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8). <input type="checkbox"/>
Pipe cleaning hose, ID 6, 30 m, max. 140 bar	73	6.110-050.0	30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle). <input type="checkbox"/>
Pipe cleaning nozzle			
Pipe cleaning dirt blaster D21/060	74	4.765-002.0	The forward-tilted rotating pencil jet removes the most stubborn dirt. The three backwards-tilted jets ensure the necessary forward movement, as well as convenient handling. <input type="checkbox"/>
Pipe cleaning dirt blaster D30/060	75	4.765-005.0	<input type="checkbox"/>
Pipe cleaning nozzle	76	5.763-015.0	16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes. <input type="checkbox"/>
	77	5.763-016.0	<input type="checkbox"/>
	78	5.763-017.0	Pipe cleaning nozzle with inner thread. Different spray directions. The hose moves freely through the pipe. (R 1/8" connection, 3 × 30° backwards, diameter 30 mm.) <input type="checkbox"/>
Rotating pipe cleaning nozzle	79	6.415-428.0	Pipe cleaning nozzle with four rotating jets and inner thread. Different spray directions. The hose moves freely through the pipe. With R 1/8" connection. <input type="checkbox"/>
FLOOR AND HARD SURFACE CLEANER			
Hard Surface Cleaner FRV 30			
FRV 30 Surface Cleaner	80	2.111-010.0	With the integrated, automatic suction of the dirty water, the FRV 30 makes surface cleaning even more efficient and can be used in both inside and outside areas. There is no longer a need to rinse the surface after cleaning, since the dirty water can be discharged through the 5 m suction hose supplied. Additional quality features are the non-marking steering rollers and double ceramic bearing. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 1000 l/h / 60°C. <input type="checkbox"/>
Rubber lip for FRV 30	81	2.642-910.0	For smooth floors indoors. The squeegee increases the suction performance of the FRV 30 and minimises the amount of water remaining. This means the floor is dry in just a few minutes. <input type="checkbox"/>
Extension hose 5 m	82	4.440-939.0	5m extension hose for FRV 30. Connection sleeve included. <input type="checkbox"/>
Hose fastening attachment kit	83	2.642-528.0	Suction cup for fixing the suction hose to smooth surfaces. <input type="checkbox"/>
Dirt trap attachment kit	84	2.642-532.0	Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas. <input type="checkbox"/>

Available accessories.

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		Order no.	Description	
FLOOR AND HARD SURFACE CLEANER				
Hard surface cleaner FR 30				
FR 30 Surface Cleaner	85	2.111-011.0	Up to 10 times greater area performance compared with the conventional high-pressure jet. Plastic casing for optimal manoeuvrability, double ceramic bearing for long working times, flexible connection joint for optimal handling and integrated parking position. Machine-specific nozzle kit must be ordered separately. Max. 180 bar / 850 l/h / 60°C.	<input type="checkbox"/>
FR 30 Me surface cleaner				
Hard Surface Cleaner FR 30 Me	86	2.111-013.0	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"/>
Machine-specific nozzle kits for FR				
Nozzle kit for FR, 650 l/h - 850 l/h	87	2.639-187.0	Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (650 to 850 l/h).	<input type="checkbox"/>
Machine-specific nozzle kits for FRV				
Nozzle kit for FRV, 045	88	2.642-432.0	Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	<input type="checkbox"/>
FRV 30 Me surface cleaner				
FRV 30 Me Surface Cleaner	89	2.111-012.0	Thanks to automatic suction of the dirty water, the stainless steel FRV 30 Me Surface Cleaner makes surface cleaning more efficient in both inside and outside areas. Hot water cleaning up to 85°C.	<input type="checkbox"/>
Extension hose FRV 30 Me and FRV 50 Me	90	4.441-040.0	5 m extension hose for FRV 30 Me. Includes connecting adapter.	<input type="checkbox"/>
FOAM SYSTEMS				
Cup foam lance				
Cup foam lance Advanced 2, 700 l/h - 800 l/h	91	4.112-064.0	Developed for Kärcher high-pressure cleaners without servo control: The cup foam lance Advanced 2 impresses with a main body made of EcoBrass for use with aggressive cleaning agents.	<input type="checkbox"/>
Cup foam lance DUO Advanced 2, 700 l/h - 800 l/h	92	4.112-068.0	For pressure washers without Servo Control: The DUO Advanced 2 cup foam lance is impressive with its option for direct switching to high-pressure cleaning and two-litre detergent tank.	<input type="checkbox"/>
Cup foam lance Basic 2, 700 l/h - 800 l/h	93	4.112-054.0	Newly developed, very robust Basic 2 cup foam lance especially for high-pressure cleaners with a flow rate of 700-800 l/h. For excellent foam quality with half the cleaning agent consumption.	<input type="checkbox"/>
Inno Foam Kit				
Inno Foam Set with detergent injector	94	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	95	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"/>
Easy Foam Set	96	2.112-011.0		<input type="checkbox"/>
Nozzle kits for Inno/Easy Foam Set				
Nozzle kit 060 for Inno / Easy Set 600-700 l/h	97	2.111-018.0	Optimal adaptation to different machine outputs for economic use.	<input type="checkbox"/>
Nozzle kit 090 for Inno / Easy Set 700-1,000 l/h	98	2.111-019.0	Nozzle kit contains Kärcher power nozzles and nozzle inserts. For Inno/Easy-Foam set 700-1000 l/h. For optimal foam system performance.	<input type="checkbox"/>

Available accessories.

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		Order no.	Description	
FOAM SYSTEMS				
Foam nozzle mounting kit				
Foam nozzle attachment kit	99	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"/>
MIXERS AND INJECTORS				
Cleaning agent injector				
Cleaning agent injector for high and low pressure (without nozzles)	100	4.637-032.0	Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	<input type="checkbox"/>
Cleaning agent injector for high pressure (without nozzle)	101	4.637-033.0	Cleaning agent dosage at high pressure 3 - 5 %	<input type="checkbox"/>
Machine-specific nozzle kit with order no. 4.637-033.0				
Nozzle kit 750-1000 l/h	102	4.769-011.0	For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + HP power nozzle + union	<input type="checkbox"/>
Nozzle insert with order no. 4.637-032.0				
Nozzle insert up to 1,100 l/h - high pressure	103	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.	<input type="checkbox"/>
Nozzle insert up to 1,100 l/h - low pressure	104	4.769-001.0	For low pressure with machines up to 1.100 l/h	<input type="checkbox"/>
QUICK CONNECT				
Quick coupling	105	2.115-000.0	For fast changes between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface. With M 22 x 1.5 internal thread.	<input type="checkbox"/>
Male coupling	106	2.115-001.0	Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 x 1.5 external thread.	<input type="checkbox"/>
Quick coupling	107	6.401-458.0	For fast changes between different spray lances/accessories. Perfect for Kärcher spray unit, suitable for trigger gun/spray lance interface. With M 22 x 1.5 internal thread.	<input type="checkbox"/>
Male coupling	108	6.401-459.0	Hardened stainless steel male coupling for quick coupling 6.401-458. With M 22 x 1.5 external thread.	<input type="checkbox"/>
DRUM AND TANK CLEANING				
Add-on kit mud sucker	109	2.641-798.0	For connection to the high-pressure hose of Kärcher high-pressure cleaners: Powerful sludge suction cleaner for the retrofitting of high-pressure cleaners to dirt pumps.	<input type="checkbox"/>
OTHER HP ACCESSORIES				
Jet gun	110	2.869-067.0	Short set-up time, easy transport, instant switch off - the jet gun is the affordable cleaning method for all kinds of small to medium-sized areas. Adjustable pressure/water volume.	<input type="checkbox"/>
TAKE-OFF POINT EQUIPMENT				
Hose and spray lance holder VA	111	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.	<input type="checkbox"/>
REMOTE CONTROL				
Junction box for remote control	112	2.209-798.0	Junction box for stationary HD machines from Kärcher. For connecting single and multiple remote controls, control electronics, priority switches and coin remote control. With wiring harness.	<input type="checkbox"/>

Available accessories.

ACCESSORIES FOR HD 7/16-4 ST 1.524-950.2



	Order no.	Description	
REMOTE CONTROL			
ABS: Junction box for remote control/emergency stop	113	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. <input type="checkbox"/>
Multiple coin remote control without coin acceptor	114	2.642-422.0	The multiple coin remote control (without coin acceptor) for simple operation of stationary HD/HDS machines from Kärcher, e.g. in washing bays. For wall mounting, incl. fastening material. <input type="checkbox"/>
Remote control	115	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. <input type="checkbox"/>
Remote control I/O, RM 1/2	116	2.744-014.0	Remote control for switching the machine on and off and dosing of up to 2 cleaning agents. <input type="checkbox"/>
Multiple remote control, electronic version, I/O, cleaning agent 1/2	117	2.744-015.0	Accessories for stationary high-pressure cleaning systems <input type="checkbox"/>
Priority switch	118	2.638-200.0	Priority switch <input type="checkbox"/>
Coin acceptor, 50 cents	119	2.639-912.0	Coin acceptor, 50 cents <input type="checkbox"/>
Coin acceptor, 1 €	120	2.639-913.0	Coin acceptor, € 1 <input type="checkbox"/>
Coin acceptor, 2 €	121	2.639-914.0	Coin acceptor, € 2 <input type="checkbox"/>
Coin acceptor, tokens	122	6.768-063.0	Token <input type="checkbox"/>
CONTROL CABLE			
Control cable	123	6.647-222.0	Connection cable available as bulk stock (12 × 1.0 mm ²) for use as control cable. For all stationary HD/HDS machines from Kärcher. <input type="checkbox"/>
Control cable 3 × 1.5 mm ²	124	6.641-059.0	Connecting cable 3 × 1.5 mm ² . Available by the meter. <input type="checkbox"/>
Control cable 7 × 1.5 m	125	6.641-064.0	Control cable 7 × 1.5 <input type="checkbox"/>
Control cable 10 × 1.5 m	126	6.641-082.0	Control cable 10 × 1.5 <input type="checkbox"/>

Available accessories.

ACCESSORIES FOR HD 7/16-4 ST 1.524-950.2



	Order no.	Description		
CONTROL CABLE				
Conduit	127	2.420-008.0	Conduit for control cable installation. Consisting of 3 m conduit, 5x conduit clips, 5x dowels, 5x screws.	<input type="checkbox"/>
HIGH-PRESSURE PIPEWORK				
High-pressure pipe kit	128	2.420-006.0	High-pressure pipe kit with 3 m stainless pipe Ø 16 × 2 mm, ID 12 and mounting accessories: compression fitting, 4 pipe clamps, 4 hanger bolts and 4 plastic dowels.	<input type="checkbox"/>
Connection piece, pipe/HP hose, stainless steel (Ermeto)	129	2.638-181.0	Stainless steel	<input type="checkbox"/>
Connection piece, pipe/stop cock, stainless steel (Ermeto)	130	2.638-183.0	For stationary HD/HDS machines: Stainless steel transition piece comprising double nipple, union nut and cutting ring. For connecting the pipe to the shut-off valve.	<input type="checkbox"/>
Stop cock, stainless steel (Ermeto)	131	4.580-163.0	Stainless steel shut-off valve with M 22 × 1.5 thread suitable for connecting pipeline and high-pressure hose for stationary high-pressure systems from Kärcher.	<input type="checkbox"/>
Union nut, stainless steel (Ermeto)	132	6.386-428.0	(VA)	<input type="checkbox"/>
T-screw connection, stainless steel (Ermeto)	133	6.386-465.0	Stainless steel	<input type="checkbox"/>
Stainless steel elbow union 90°	134	6.386-466.0	Stainless steel elbow union 90° with compression fitting (Ermeto) at both ends for 16 mm pipes.	<input type="checkbox"/>
Connector, galvanised steel	135	2.638-180.0	Alternativ : stainless steel 2.638-181	<input type="checkbox"/>
Shut-off valve, galvanised steel	136	4.580-144.0	Shut-off valve made from zinc-coated steel for stationary high-pressure systems from Kärcher. For connecting the pipeline to the high-pressure hose.	<input type="checkbox"/>
Pipe kit, galvanised steel, 3 m	137	2.420-004.0	High-pressure pipe kit with 3 m galvanised steel pipe Ø 16 × 2.5 mm, DN 11 and fixing accessories: Compression fitting, 4 pipe clamps, 4 hanger bolts and 4 plastic dowels.	<input type="checkbox"/>
Tee, galvanised steel	138	6.386-269.0	Tee (90°), galvanised steel with compression fitting for 16 mm pipes. Fixing material (Ermeto) included.	<input type="checkbox"/>
Elbow union, galvanised steel	139	6.386-356.0	Elbow union, galvanised steel. With 90° angle piece with compression fitting (Ermeto) at both ends for 16 mm pipes.	<input type="checkbox"/>
Pipe insulation, per running meter	140	6.286-147.0	For thermal insulation of pipes. Pipe cladding. Wall thickness 9 mm. PE foam with moisture barrier. Available per running meter.	<input type="checkbox"/>

Available accessories.

ACCESSORIES FOR HD 7/16-4 ST 1.524-950.2



	Order no.	Description		
HIGH-PRESSURE PIPEWORK				
Adapter piece, galvanised steel	141	2.638-182.0	Alternative: stainless steel 2.638-183	<input type="checkbox"/>
Quick-release coupling, fixed part	142	6.463-025.0	fixed part	<input type="checkbox"/>
Union nut, galvanised steel	143	6.386-423.0	Union nut, galvanised steel. For 16 mm compression fitting.	<input type="checkbox"/>
Cutting ring	144	6.386-357.0	Galvanised steel cutting ring. For 16 mm compression fitting.	<input type="checkbox"/>
PLANT INSTALLATION				
Water feed solenoid valve	145	2.209-788.0	Solenoid valve for set-up of stationary HD machines from Kärcher. Automatically closes the water supply when the machine is at a standstill.	<input type="checkbox"/>
Solenoid valve suction water	146	2.209-805.0	Suction water solenoid valve	<input type="checkbox"/>
Wall bracket	147	2.053-005.0	Wall bracket	<input type="checkbox"/>
HOSE TRACK SYSTEM HIGH-PRESSURE CLEANERS				
C-rail holder	148	6.541-027.0	Wall-mounted C-rail holding clamp for hose guide of Kärcher high-pressure cleaners.	<input type="checkbox"/>
C-rail, per running metre	149	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.	<input type="checkbox"/>
Rail connector	150	6.541-011.0	Rail connector	<input type="checkbox"/>
End stop	151	6.541-025.0	End stop	<input type="checkbox"/>
Cable trolley	152	6.541-026.0	Cable trolley for C-rail profile. 20 kg capacity. Weight 0.11 kg. Galvanised steel ball bearing.	<input type="checkbox"/>
End bracket	153	6.541-028.0	End bracket	<input type="checkbox"/>
Handle	154	6.541-029.0	C-rail profile clamp. Galvanised steel. Plastic clamping parts. Weight 0.06 kg.	<input type="checkbox"/>

Available accessories.

ACCESSORIES FOR HD 7/16-4 ST 1.524-950.2



	Order no.	Description	
HOSE TRACK SYSTEM HIGH-PRESSURE CLEANERS			
Wall bracket	155 6.541-039.0	Wall holder for galvanised steel C-rail profile.	<input type="checkbox"/>
Rail holder wall	156 6.541-012.0	Galvanised steel rail bracket for C-rail profile. Weight 0.235 kg.	<input type="checkbox"/>
Spray lance runner, movable	157 4.042-610.0	moveable	<input type="checkbox"/>
COUPLING PARTS			
Rotary coupling			
Rotary coupling	158 4.111-021.0	Reliably prevents twisting of HP hoses. Connection Easy!Lock. Handle protection	<input type="checkbox"/>
Coupling			
Coupler -2 × M22 × 1,5	159 4.403-002.0	For connecting and extending high-pressure hoses. Connection 2 × M 22 × 1.5.	<input type="checkbox"/>
Connector			
Screw socket for surface cleaners and Servo Control controllers	160 4.111-022.0	For attaching high-pressure nozzles and accessory parts to the HD trigger gun (with nozzle screws) - 1 × M 22 × 1.5/1 × M 18 × 1.5.	<input type="checkbox"/>
Short spray unit	161 4.111-038.0	For attaching high-pressure nozzles and accessory parts to HP trigger gun (with nozzle screws). Not compatible with triple nozzles.	<input type="checkbox"/>
EASY!Lock adapter			
Adapter 1 M22AG-TR22AG	162 4.111-029.0	Adapter 1 to connect the old hose with the new hose	<input type="checkbox"/>
Adapter 2 M22IG-TR22AG	163 4.111-030.0	Adapter 2 to connect the old device with the new hose and the old gun with the new hose	<input type="checkbox"/>
Adapter 3 M22IG-TR22AG	164 4.111-031.0	Adapter 3 to connect the old gun with the new spray lance and new servo regulator	<input type="checkbox"/>
Adapter 4 TR22IG-D11	165 4.111-032.0	Adapter 4 to connect the new gun with the old swivel hose	<input type="checkbox"/>
Adapter 5 TR22IG-M22AG	166 4.111-033.0	Adapter 5 to connect the new gun with the old spray lance and new servo regulator with the old spray lance	<input type="checkbox"/>
Adapter 6 TR22IG-M22AG	167 4.111-034.0	Adapter 6 to connect the new device with the old hose and the old hose with the new gun	<input type="checkbox"/>
Adapter 7 M18IG-TR20AG	168 4.111-035.0	Adapter 7 to connect the old spray lance with the new nozzle	<input type="checkbox"/>

Available accessories.

ACCESSORIES FOR HD 7/16-4 ST 1.524-950.2



		Order no.	Description	
COUPLING PARTS				
EASY!Lock adapter				
Adapter 8 TR20IG-M18AG	169	4.111-036.0	Adapter 8 to connect the new spray lance with the old nozzle	<input type="checkbox"/>
Adapter hose extension 9 TR	170	4.111-037.0	Adapter 9 to connect the new hose with the new hose	<input type="checkbox"/>
HOSE REELS				
Automatic, self-winding hose reels for wall mounting				
Automatic plastic hose reel incl. high-pressure hose, 15 m	171	2.639-257.0	Spring-mounted and ready-to-use automatic hose reel for wall mounting. Simplifies handling of the high-pressure hose, shortens set-up times and increases occupational safety.	<input type="checkbox"/>
Automatic hose reel, powder-coated steel / plastic, 20 m	172	6.392-074.0	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"/>
Automatic stainless steel / synthetic material hose drum, 20 m	173	6.392-083.0	Automatic hose reel for 20 m high-pressure hose. The console consists of stainless steel, the drum is made from plastic.	<input type="checkbox"/>
Automatic hose reel, coated, 20 m	174	6.392-106.0	Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	<input type="checkbox"/>
Hose reel, automatic, basalt grey-coated, 20 m	175	6.392-105.0	Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses. For example: order no. 6.110-011.0 (ID 8, 20 m, 315 bar) or order no. 6.110-028.0 (ID 8, 20 m, 400 bar Longlife).	<input type="checkbox"/>
Automatic hose reel, stainless steel, includes swivel holder, 20 m	176	6.392-076.0	Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	<input type="checkbox"/>
Powder-coated swivel holder	177	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"/>
Stainless steel swivel holder	178	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"/>
FACADE AND SOLAR PANEL CLEANING				
Brushes				
Drive for roller brush 500	179	4.762-584.0	Hydraulic drive for rotating roller brushes. For cleaning façades or solar power installations with our professional high-pressure cleaners. Installation on spray lance or telescopic lance.	<input type="checkbox"/>
Splash guard for roller brush 500	180	4.762-621.0	Splash guard with velcro fastening for rotating roller brush. Clear view of the brush thanks to transparent film, with protection against splashes at the same time.	<input type="checkbox"/>
Roller brush 500 soft	181	4.762-623.0	Soft brush attachment for use with hydraulic drive (4.762-584.0). Ideal for glass and solar power installation cleaning. Easy quick-change system and secure mounting on drive.	<input type="checkbox"/>
Roller brush 500 medium	182	4.762-624.0	Medium-hard brush attachment for use with hydraulic drive (4.762-584.0). Suitable for sensitive façades, foils and fabrics. Easy and safe quick-change system.	<input type="checkbox"/>

Available accessories.

ACCESSORIES FOR HD 7/16-4 ST 1.524-950.2



	Order no.	Description		
FACADE AND SOLAR PANEL CLEANING				
Brushes				
Roller brush 500 hard	183	4.762-625.0	Hard brush attachment for use with hydraulic drive (4.762-584.0). For rough façades, stone and wooden patios. Safe and easy quick-change system.	<input type="checkbox"/>
Brush hard	184	6.960-133.0	Brush with hard bristles for cleaning industry façades and floor coverings and removing coarse dirt. Simple installation on telescopic lances or high-pressure lances from Kärcher.	<input type="checkbox"/>
Brush medium	185	6.960-134.0	Optimally cleans façades, roller shutters and textile fabrics: the brush with medium-hard bristles for fast and simple attachment to telescopic lances or high-pressure lances from Kärcher.	<input type="checkbox"/>
Brush soft	186	6.960-135.0	For simple installation on telescopic lances or high-pressure lances from Kärcher: brush with soft bristles for deep cleaning of sensitive surfaces such as glass or solar systems.	<input type="checkbox"/>
Telescopic lances				
TL low pressure adapter	187	4.580-097.0	TL low-pressure adapter comprising ball valve for tool-free installation on telescopic lances. Ideal for applications with rotating high-pressure brushes.	<input type="checkbox"/>
Telescopic lance TL 7 F	188	4.762-609.0	Telescopic lance TL 7 F with up to 7 m reach made from robust and lightweight glass fibre. With practical quick-release fasteners for simple retraction and extension.	<input type="checkbox"/>
Telescopic lance TL 7 H	189	4.762-610.0	Multifunctional hybrid telescopic lance TL 7 H made of rigid and lightweight carbon-glass fibre mix. Telescopic thanks to quick-release fastenings. Up to 7 m reach.	<input type="checkbox"/>
Telescopic lance TL 10 H	190	4.762-611.0	Up to 10 m reach: hybrid telescopic lance TL 10 H. Comprising carbon-glass fibre mix and suitable for multifunctional use. Simple retraction and extension thanks to quick-release fasteners.	<input type="checkbox"/>
Telescopic lance TL 10 C	191	4.762-612.0	Carbon fibre telescopic lance TL 10 C. With up to 10 m reach and practical quick-release fasteners. Multifunctional use for cleaning façades, windows or solar panels.	<input type="checkbox"/>
Telescopic lance TL 14 C	192	4.762-613.0	Maximum rigidity with minimum weight: telescopic lance TL 14 C made from carbon fibre. Enormous reach of 14 m, multifunctional use and easy to use thanks to quick-release fasteners.	<input type="checkbox"/>
TL high pressure adapter	193	4.775-154.0	TL high-pressure adapter, flexible high-pressure gun for high-pressure cleaning with telescopic lances. Ergonomic, easy to install, suitable for right- and left-handed individuals.	<input type="checkbox"/>
WET BLASTING ATTACHMENT				
Wet blasting attachment (without nozzle)				
Wet blasting attachment with flow control (without nozzles)	194	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)	195	4.115-006.0	Addition of spray agent to the high pressure jet. For paint stripping, rust removal and descaling. Assembly on spray lance instead of high-pressure nozzle. Without water flow regulation	<input type="checkbox"/>
Boron carbide nozzle				
Boron carbide nozzle, for machines up to 1,000 l/h	196	6.415-084.0	In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.	<input type="checkbox"/>

Available accessories.