



HD 16/15-4 Cage Plus

Special class 3-phase cold water pressure washer for continuous operation in tough operating conditions. With tough steel frame, 150 bar pressure and 1600 litres per hour water flow.



1 Cage frame

- Robust, tubular outer frame.
- Integrated crane attachment point and accessory compartment.

2 Electronic monitoring for greater operating safety

- Leakage protection and soft start.
- Overvoltage and undervoltage protection.



HD 16/15-4 Cage Plus

- Powder-coated tubular steel frame
- 4-pole air-cooled electric motor
- Puncture proof wheels for maximum mobility

Technical data

Order Number		1.353-905.0
EAN code		4054278157894
Current type	Ph / V / Hz	3 / 400 / 50
Flow rate	l/h	500-1600
Operating pressure	bar / MPa	30-150 / 3-15
Max. pressure	bar / MPa	190 / 19
Max. water feed temperature	°C	60
Power rating	kW	7,5
Weight	kg	110
Dimensions (L x W x H)	mm	957 × 686 × 1080

Equipment

Trigger gun		EASY!Force Advanced
High-pressure hose	m	15 / Premium quality
Spray lance	mm	1050
Power nozzle		■
Dirt Blaster spray lance		■
ANTI!Twist		-
Pressure switch control		■
Infinitely variable pressure and water flow control on the unit		■
High pressure lance		■
Servo Control		■

■ Included in delivery.

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		Order Number	ID	Max. working pressure	Length		Price	Description	
Standard with unions on both sides									
High-pressure hose, 20 m DN 10, 220 bar, extension	1	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	2	6.110-044.0	ID 10	220 bar	25 m				▲
Hose assembly premium DN12 21MPa 15m	3	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 protection.	▲
Hose assembly premium DN12 21MPa 40m	4	6.110-060.0	ID 12	210 bar	40 m				▲
High-pressure hose, 15 m DN 10, 220 bar, extension	5	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.	■
Hose assembly TR DN10 22MPa 10m	6	6.110-041.0	ID 10	220 bar	10 m				□
Longlife 400 with unions on both sides									
High-pressure hose 1.5 m, DN 8, including connectors	7	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).	□
Longlife 400 high-pressure hose, 1 x EASY!Lock, 1 x M22 x 1.5, DN 8, 400 bar, 1,5 m	8	6.110-069.0	ID 8	400 bar	1,5 m				□

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

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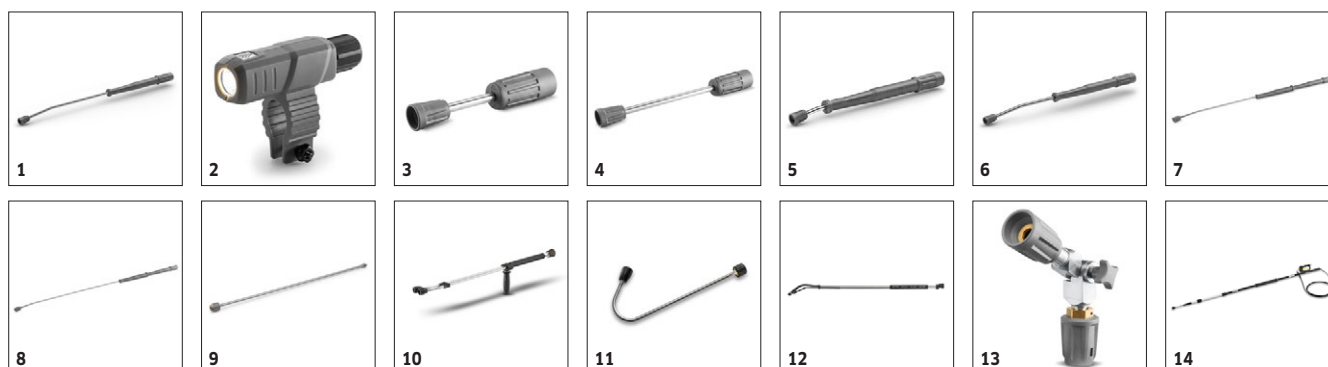
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		Order Number	Flow rate				Price	Description	
Trigger guns									
EASY!Force Advanced	1	4.118-005.0						Effortless, not energy-sapping: the EASY!Force high-pressure gun uses the recoil force of the high-pressure jet to reduce the holding force for the operator to zero.	■
Conversion kit 1 from high pressure hose	2	4.111-050.0						A conversion kit which enables secure connection from an M22 hose onto our innovative EASY!Force trigger gun. The kit includes the EASY!Force Trigger gun, adaptors and lance.	□
Conversion kit 2 from device	3	4.111-051.0						Provides all the parts required to utilise our EASY!Force technology even on our non-Easy!Force machines. Including adaptors, lance, Easy!Force trigger gun and hose.	□
Conversion kit 3 only EASY!Force	4	4.111-052.0						A conversion kit for the EASY!Force gun, which includes the correct adaptors to connect to the M22 style lance and hose.	□
Servo Control									
Servo Control controller with EASY!Lock	5	4.118-009.0	1100 l/h					Servo control for water flow and pressure control (> 1100 l/h) on the trigger gun.	■
Quick connect									
Quick-fitting pipe union coupler trapezo	6	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.	□
Quick-fitting pipe union plug nipple tra	7	2.115-001.0						Hardened stainless steel male coupling for quick coupling 2.115-000. With M 22 x 1.5 external thread.	□

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		Order Number	Max. working pressure	Length				Price	Description
Rotating spray lances									
1050 mm lance, rotatable, ergonomic	1	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. ■
Nozzle Light	2	2.680-002.0		125 mm					LED work light for assembly on EASY!Force spray lances, providing a clear view in poor lighting conditions ensuring controlled cleaning results. □
Lance 250 mm, non-rotatable	3	4.112-027.0	300 bar	250 mm					600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure. □
550 mm lance, non-rotatable	4	4.112-024.0	300 bar	400 mm					□
Rotatable lance, 600 mm, ergonomic	5	4.112-007.0	300 bar	600 mm					□
Lance 850 mm, rotatable, ergonomic	6	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. □
Lance 1550 mm, rotatable, ergonomic	7	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. □
Lance 2050 mm, rotatable, ergonomic	8	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. □
Jet pipe extension TR 1000 mm	9	4.112-048.0	300 bar	1000 mm					Spray lance extension with EASY!Lock connection. Length 1000 mm. □
Double lance									
Double lance 960 mm	10	2.112-016.0	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). □
Angular spray lance									
WC and gutter lance	11	4.112-029.0							Stainless steel lance WC and gutter with nozzle insert. Specially shaped for effective and hygienic cleaning of gutters and toilets. □
Flexible spray lance									
Flexible lance 1050 mm	12	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. □
Articulated joint TR 20	13	4.112-057.0	300 bar						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. □
Telescopic spray lance									
Telescopic jet pipe	14	4.112-037.0	225 bar	5400 mm					Can be continuously extended from 1.8 to 5.4 m. For cleaning areas that are difficult to reach, such as ceilings or facades. With integrated HD trigger gun, M 22 x 1.5 connection with rotary coupling. Connection for M 18 x 1.5 nozzles. □
Restraint belt for telescopic jet pipe	15	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. □
Gutter cleaner									
Gutter cleaning lance	16	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									
Underbody lance	17	4.112-032.0		700 mm					Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle. □

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

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		Order Number	Max. working pressure	Length			Price	Description	
Additional handle									
Additional handle for EASY!Lock spray lances	18	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.	<input type="checkbox"/>

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		Order Number	Max. working pressure	Nozzle size			Price	Description	
Dirt blaster, large									
Dirt blaster - without changeover function	1	4.114-048.0	300 bar	100				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.	■

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 □ Available accessories.
 ▲ Extension hose.

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		Order Number	Nozzle size				Price	Description	
Power nozzle spray angle 25°									
Power nozzle 25° - 100	1	2.113-017.0	100					Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.	■
HP nozzle spray angle 0°									
High-pressure nozzle spray angle 0°	2	2.113-039.0	110					Solid jet for very stubborn dirt and stains.	□
Power nozzle spray angle 15°									
Power nozzle spray angle 15°	3	2.113-052.0	100					Fan jet nozzle for stubborn dirt and stains.	□

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		Order Number						Price	Description	
Nozzle union										
Nozzle screws	1	4.112-011.0							Nozzle screws with protectors for high-pressure and power nozzles	<input type="checkbox"/>
HP detergent injector										
Cleaning agent dosing kit for HD 25/15-4 and HD 20/15-4 Cage Plus	2	4.637-031.0							Adds up to 5% detergent in high and low pressure modes. Consists of detergent injector + nozzle insert + low pressure nozzle + rollover nozzle holder (for comfortable switch between high and low pressure).	<input type="checkbox"/>
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.	<input type="checkbox"/>
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.	<input type="checkbox"/>
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 x 1.5 and 1x M 18 x 1.5.	<input type="checkbox"/>
Y distributor	6	4.111-024.0							Offers the option to connect two spray units to the machine. Installation on the high pressure outlet.	<input type="checkbox"/>
Short spray unit	7	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"/>
Adapter EASY!Lock										
Adapter 1 M22AG-TR22AG	8	4.111-029.0							Adapter 1 to connect the old hose with the new hose	<input type="checkbox"/>
Adapter 2 M22IG-TR22AG	9	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	10	4.111-031.0							Adapter 3 to connect the old gun with the new spray lance and new servo regulator	<input type="checkbox"/>
Adapter M22 - Swivel	11	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.	<input type="checkbox"/>
Adapter 5 TR22IG-M22AG	12	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	13	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	14	4.111-035.0							Adapter 7 to connect the old spray lance with the new nozzle	<input type="checkbox"/>
Adapter 8 TR20IG-M18AG	15	4.111-036.0							Adapter 8 to connect the new spray lance with the old nozzle	<input type="checkbox"/>
ADAPTER for replacement TR22IG-M22AG Er	16	4.111-046.0							Rotatable adapter for connecting EASY!Force high-pressure gun and high-pressure hoses with M 22x1.5 connection	<input type="checkbox"/>

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

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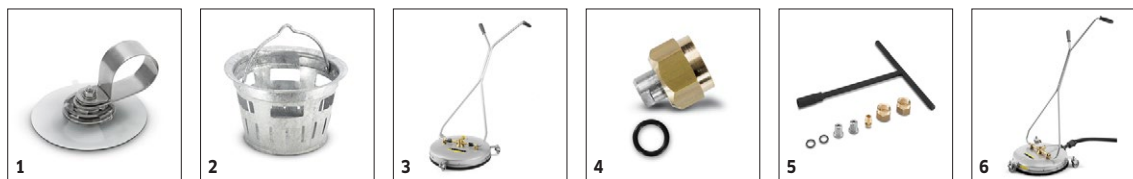
		Order Number	Max. working pressure	Nozzle size	Diameter		Price	Description	
Pipe cleaning hose, ID 6									
Hose assembly TR pipe cleaning DN6 max.2	1	6.110-046.0	250 bar					The 10 m pipe cleaning hose is a highly flexible high pressure hose for pipe interior cleaning (threaded connection for nozzle R 1/8).	<input type="checkbox"/>
Pipe cleaning hose, 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					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"/>
Pipe cleaning nozzle									
Dirt blaster pipe cleaning D21/090	4	4.765-003.0		90	21 mm			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"/>
Dirt blaster pipe cleaning D30/090	5	4.765-010.0		90	30 mm				<input type="checkbox"/>
Nozzle pipe cleaning size 100	6	5.763-088.0		100	24 mm			Pipe cleaning nozzle with 24 mm diameter. With 4 nozzles tilted back at a 30° angle.	<input type="checkbox"/>

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		Order Number	Flow rate	Nozzle size	Diameter	Price	Description	
Hard Surface Cleaner FRV 30								
Add-on kit hose attachment	1	2.642-528.0					Suction cup for fixing the suction hose to smooth surfaces.	<input type="checkbox"/>
Add-on kit dirt trap	2	2.642-532.0					Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	<input type="checkbox"/>
Hard Surface Cleaner FR 50								
FR 50 surface cleaner	3	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 pack for hard surface cleaners (machine-specific) 1300 - 1.800 l/h	4	2.640-781.0	1300-1800 l/h				Machine-specific nozzle kit Kärcher power nozzle for hard surface cleaners	<input type="checkbox"/>
Machine-specific nozzle kits for FRV								
Nozzle kit 100 - for FRV	5	2.643-769.0		100			Machine-specific nozzle kit Kärcher power nozzles and jet nozzle for FRV 30 and FRV 50.	<input type="checkbox"/>
Surface Cleaner FR 50 Me								
FRV 50 Me surface cleaner	6	2.111-024.0					Surface cleaning with automatic suction of the dirty water for very large surfaces. Hot water cleaning up to 85°C.	<input type="checkbox"/>

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		Order Number	Flow rate				Price	Description	
Cup foam lance									
Cup foam lance Basic 3	1	4.112-055.0	900-2500 l/h					For high-pressure cleaners with a flow rate of 900-2500 l/h: new, robust and very high-quality foam cup lance with outstanding foam quality while consuming half as much cleaning agent.	<input type="checkbox"/>
Cup foam lance Advanced 025	2	2.112-017.0						Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.	<input type="checkbox"/>
1-litre cleaning agent container for foam lance	3	6.414-954.0						Additional 1-litre cleaning agent container for quick replacement of the cleaning agent (for foam lance 6.394-668)	<input type="checkbox"/>
Tank grey only for replacement 1L	4	6.414-050.0						Additional 1-litre cleaning agent container for quick replacement of the cleaning agent (for foam lance 2.112-017.0 and 2.112-018.0).	<input type="checkbox"/>
Foam nozzle mounting kit									
Foam nozzle kit	5	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"/>

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

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		Order Number	Length					Price	Description	
Hose reel add-on kit										
Hose reel kit, powder-coated, for HD Cage super class	1	2.110-002.0	40 m						Hose reel attachment kit for installation on the machine. For secure and space-saving storage of the high-pressure hose (with a connection hose for the machine high-pressure output).	<input type="checkbox"/>
Automatic, self-winding hose reels										
Add-on kit hose reel plastics	2	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	3	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	4	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"/>
Hose reel, automatic, basalt grey-coated	5	6.392-105.0	20 m						Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses.	<input type="checkbox"/>
Hose reel, automatic, 20 m, stainless steel	6	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	7	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"/>
Add-on kit hose reel TR 40m	8	6.392-442.0	40 m						Automatic hose reels provide the highest level of safety and convenience for winding and unwinding HP hoses. Compatible high-pressure hose, e.g. order no. 6.110-076.0 (ID 8, 40 m, 400 bar, 1x hose reel connection attachment kit).	<input type="checkbox"/>
Swivel holder	9	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	10	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"/>

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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 pack TR wet jet set 0100	3	2.112-030.0	100					Consisting of wet jet nozzle and nozzle insert – only for use in combination with wet jet unit 4.115-000.0 4.115-006.0.	<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"/>

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		Order Number					Price	Description	
Set of puncture-proof wheels									
Set of puncture-proof wheels	1	2.851-067.0						The foam-filled wheels combine the ride comfort of pneumatic wheels and the puncture protection of solid rubber wheels.	<input type="checkbox"/>

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		Order Number	Length	Diameter			Price	Description	
Geka coupling									
With hose nozzle, R 1"	1	6.388-465.0						with hose barb	<input type="checkbox"/>
Hose coupling	2	6.388-458.0						with female thread	<input type="checkbox"/>
Backflow check valve									
Backflow preventer	3	2.641-374.0						To prevent detergent getting into the drinking water cycle in case of inlet at low-pressure. - hot water resistant up to 80 °C - tested according to IEC 60335-2-79 - integrated leakage protection	<input type="checkbox"/>
Other HP Accessories									
Add-on kit coin acceptor	4	2.644-029.0						Coin remote control with electronic coin acceptor for connecting a high-pressure cleaner as a pre-wash device. Please have the power outlet and cable provided on site.	<input type="checkbox"/>

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		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.	<input type="checkbox"/>
Rotating washing brush									
Rotating wash brush for > 800 l/h machines, nylon bristles	2	4.113-002.0	800-1300 l/h					Driven by water stream. Gently removes fine dust and traffic film from any surface. Temperature resistant up to 60°C, M 18 x 1.5 (replaceable brush insert).	<input type="checkbox"/>
Rotating wash brush for > 800 l/h machines, natural bristles	3	4.113-005.0	800-1300 l/h						<input type="checkbox"/>

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