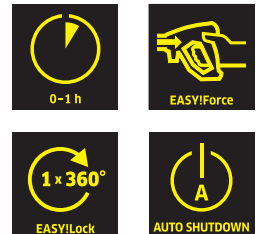




## HD 4/9 P 110V

Tough, highly portable professional cold-water pressure washer with upright or lie-flat operation. With 110V power supply for safe site use.



### 1 Save energy and time: EASY!Force high-pressure guns and EASY!Lock quick-release locks.

- At last – work without getting tired: the EASY!Force high-pressure gun.
- EASY!Lock quick-release locks: durable and robust. And five times faster than screws.

### 2 First-class mobility

- The integrated carrying handle on the front of the machine enable easy loading and convenient transport.
- Compact design and low weight.

### 3 Flexibility

- Vertical and horizontal operation possible.
- Separate parking and transport position for the spray unit.

### 4 Quality

- The automatic pressure relief protects the components and extends the service life.
- High-quality brass cylinder head.



## HD 4/9 P 110V

- Automatic pressure relief
- For horizontal and vertical operation
- Save energy and time: EASY!Force high-pressure guns and EASY!Lock quick-release locks.

### Technical data

Order Number	1.520-965.0	
EAN code	4054278147161	
Current type	Ph / V / Hz	1 / 110 / 50
Flow rate	l/h	390
Operating pressure	bar / MPa	90 / 9
Max. pressure	bar / MPa	120 / 12
Max. water feed temperature	°C	60
Power rating	kW	1,4
Weight	kg	15,9
Dimensions (L x W x H)	mm	351 × 312 × 904

### Equipment

Trigger gun	EASY!Force	
High-pressure hose	m	10 / ID 6, 250 bar
Spray lance	mm	840
ANTI!Twist	-	
Pressure switch control	■	
Servo Control	-	

■ Included in delivery.

# ACCESSORIES FOR HD 4/9 P 110V

## 1.520-965.0

**KÄRCHER**



		Order Number	ID	Max. working pressure	Length	Price	Description	
<b>Standard with unions on both sides</b>								
High-pressure hose, 10 m DN 8, AVS trigger gun connector	1	6.110-031.0	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.	▲
High-pressure hose, 15 m DN 8, AVS trigger gun connector	2	6.110-030.0	ID 8	315 bar	15 m		15 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.	▲
High-pressure hose, 20 m DN 8, AVS trigger gun connector	3	6.110-032.0	ID 8	315 bar	20 m		20 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.	▲
High-pressure hose, 30 m DN 8, including rotary coupling	4	6.110-014.0	ID 8	315 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	▲
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.	▲
High-pressure hose, 20 m DN 10, 220 bar, extension	6	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	7	6.110-044.0	ID 10	220 bar	25 m			▲
Hose assembly premium DN10 22MPa 40m	8	6.110-045.0	ID 10	220 bar	40 m			▲
Hose assembly premium DN12 21MPa 15m	9	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	10	6.110-060.0	ID 12	210 bar	40 m			▲
High-pressure hose, 10 m DN 6, AVS trigger gun connector	11	6.110-034.0	ID 6	250 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 6/155°C/250 bar.	■
	12	6.110-035.0	ID 6	250 bar	10 m			□
High-pressure hose, 10 m, DN 6, 300 bar, AVS trigger gun connection	13	6.110-056.0	ID 6	300 bar	10 m		With patented AVS connection in the trigger gun (pivot-mounted) and hand screw union. M 22 x 1.5 with anti-kink protection. NW 6/155°C/300 bar	□
<b>Longlife 400 with unions on both sides</b>								
High-pressure hose Longlife 400, 30 m DN 8, including rotary coupling	14	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	15	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	16	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	17	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).	□
	18	6.110-069.0	ID 8	400 bar	1.5 m			□
High-pressure hose packaged	19	6.110-038.0	ID 8	400 bar	10 m			□
<b>Food industry version with unions on both sides</b>								
High-pressure hose, 10 m ID 8, suitable for food industry, extension piece	20	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	21	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.	▲

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

# ACCESSORIES FOR HD 4/9 P 110V

## 1.520-965.0



		<b>Order Number</b>	<b>ID</b>	<b>Max. working pressure</b>	<b>Length</b>		<b>Price</b>	<b>Description</b>	
High-pressure hose 15 m ID 6, AVS trigger gun connector 11 mm, suitable for food industry, grey	22	6.110-063.0	ID 6	250 bar	15 m			15 m high-pressure hose (DN 6) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. DN 6/155°C/250 bar.	<input type="checkbox"/>
<b>Longlife food industry version with unions on both sides</b>									
High pressure hose food DN 8 / 10 m	23	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	<input checked="" type="checkbox"/>
High-pressure hose Longlife 400, 15 m, ID 6, AVS trigger gun connection	24	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)	<input type="checkbox"/>

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

# ACCESSORIES FOR HD 4/9 P 110V 1.520-965.0



		Order Number	Flow rate				Price	Description	
<b>Trigger guns</b>									
Extended easy press trigger gun	1	4.118-005.0						Extended easy press high-pressure trigger gun for high-pressure hoses with rotating connector.	■
<b>Quick connect</b>									
Quick-fitting pipe union coupler trapezo	2	2.115-000.0							□
Quick-fitting pipe union plug nipple tra	3	2.115-001.0							□

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

# ACCESSORIES FOR HD 4/9 P 110V 1.520-965.0



1-4

		Order Number	Nozzle size				Price	Description	
<b>Power nozzle spray angle 15°</b>									
	1	2.113-062.0	30						■
<b>HP nozzle spray angle 0°</b>									
High-pressure nozzle spray angle 0°	2	2.113-001.0	40					High-pressure nozzle with powerful jet for extremely stubborn dirt.	□
<b>Power nozzle spray angle 25°</b>									
Power nozzle for replacement 25033	3	2.113-063.0	33						□
<b>Power nozzle spray angle 40°</b>									
Power nozzle spray angle 40°	4	2.113-003.0	40					Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	□

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



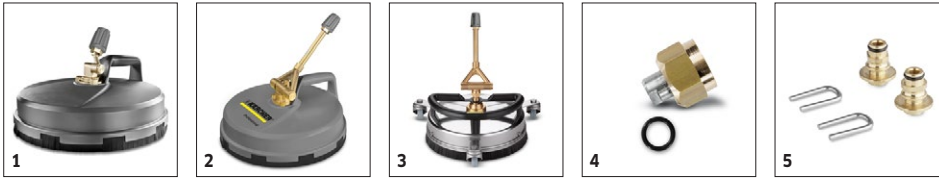
# ACCESSORIES FOR HD 4/9 P 110V 1.520-965.0



		Order Number					Price	Description	
<b>Y distributor</b>									
Y distributor	1	4.111-024.0							<input type="checkbox"/>

Included in delivery.
  Available accessories.
  Extension hose.

# ACCESSORIES FOR HD 4/9 P 110V 1.520-965.0



		Order Number	Flow rate	Nozzle size	Diameter	Price	Description	
<b>Hard surface cleaner FR Classic</b>								
	1	2.111-016.0			300 mm			<input type="checkbox"/>
<b>Hard surface cleaner FR 30</b>								
FR 30	2	2.111-011.0			300 mm		Hard surface cleaner FR 30	<input type="checkbox"/>
<b>Hard surface cleaner FR 30 ME</b>								
FR 30 ME surface cleaner	3	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"/>
<b>Machine-specific nozzle kit for FR</b>								
Nozzle kit for surface cleaners (type-specific) 450 - 500 l/h	4	2.640-482.0	450-500 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (450 to 500 l/h).	<input type="checkbox"/>
<b>Machine-specific nozzle kits for FR Classic</b>								
	5	2.885-312.0		40				<input type="checkbox"/>

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



# ACCESSORIES FOR HD 4/9 P 110V 1.520-965.0

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		Order Number	Nozzle size				Price	Description	
<b>Wet blasting attachment (without nozzle)</b>									
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"/>
<b>Nozzle pack for wet blasting attachment</b>									
Nozzle pack TR wet jet set 0035	3	2.112-021.0	35						<input type="checkbox"/>
<b>Boron carbide nozzle</b>									
Boron carbide nozzle, for machines as of 1000 l/h	4	6.415-084.0	6 mm					In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.	<input type="checkbox"/>

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

# ACCESSORIES FOR HD 4/9 P 110V 1.520-965.0

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		Order Number	Max. working pressure	Nozzle size	Diameter		Price	Description	
<b>Pipe cleaning hose, ID 6</b>									
Hose assembly TR pipe cleaning DN6 14MPa	1	6.110-048.0	140 bar						<input type="checkbox"/>
Pipe cleaning hose	2	6.110-049.0	140 bar					20 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	<input type="checkbox"/>
Pipe cleaning hose, DN 6, 30 m	3	6.110-050.0	140 bar					30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	<input type="checkbox"/>
<b>Pipe cleaning nozzle</b>									
Drain cleaning dirt blaster D 25/040	4	6.415-944.0		40	25 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"/>
Drain cleaning dirt blaster D 30/040	5	6.415-946.0		40	30 mm				<input type="checkbox"/>
Drain cleaning dirt blaster D 35/040	6	6.415-948.0		40	35 mm				<input type="checkbox"/>
Pipe cleaning nozzle	7	5.763-015.0		55	16 mm			16 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	<input type="checkbox"/>
	8	5.763-020.0		65	16 mm				<input type="checkbox"/>
	9	5.763-017.0		50	30 mm				30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.
Rotating pipe cleaning nozzle	10	6.415-428.0		50	16 mm			Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.	<input type="checkbox"/>
Dirt blaster pipe cleaning D21/040	11	4.765-001.0							<input type="checkbox"/>
Dirt blaster pipe cleaning D30/040	12	4.765-004.0							<input type="checkbox"/>

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

# ACCESSORIES FOR HD 4/9 P 110V 1.520-965.0



		Order Number	Max. working pressure	Nozzle size		Price	Description	
<b>Dirt Blaster, small</b>								
	1	4.114-019.0	180 bar	35				<input type="checkbox"/>
<b>Dirt blaster, large</b>								
Dirt blaster - without changeover function	2	4.114-040.0	300 bar	35			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"/>

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

# ACCESSORIES FOR HD 4/9 P 110V 1.520-965.0

**KÄRCHER**



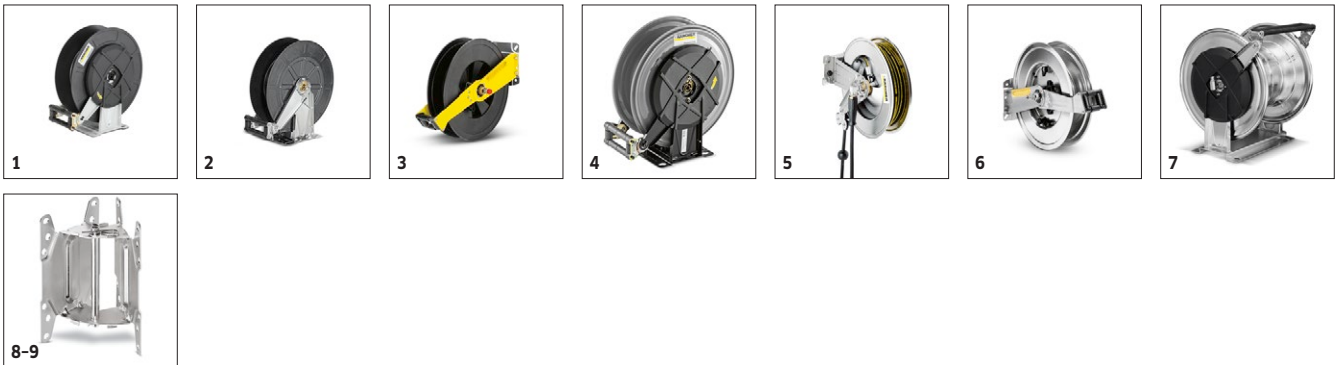
		Order Number	Flow rate				Price	Description	
<b>Cup foam lance</b>									
Foam lance TR	1	4.112-053.0	350-600 l/h						<input type="checkbox"/>
Packing complete for 6.394-969.0	2	2.112-018.0							<input type="checkbox"/>
Tank grey only for replacement 1L	3	6.414-050.0							<input type="checkbox"/>
<b>Inno Foam Set</b>									
Inno foam kit with detergent injector	4	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"/>
<b>Easy Foam Set</b>									
Easy Foam Set with RM injector	5	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"/>
<b>Nozzle kits for Inno/Easy Foam Set</b>									
Nozzle kit 055 z. Inno/Easy Set 500 - 600 l/h	6	2.111-009.0	500-600 l/h					Optimal adaptation to different machine outputs for economic use.	<input type="checkbox"/>
<b>Foam nozzle mounting kit</b>									
Foam nozzle kit	7	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.

# ACCESSORIES FOR HD 4/9 P 110V

## 1.520-965.0

**KÄRCHER**



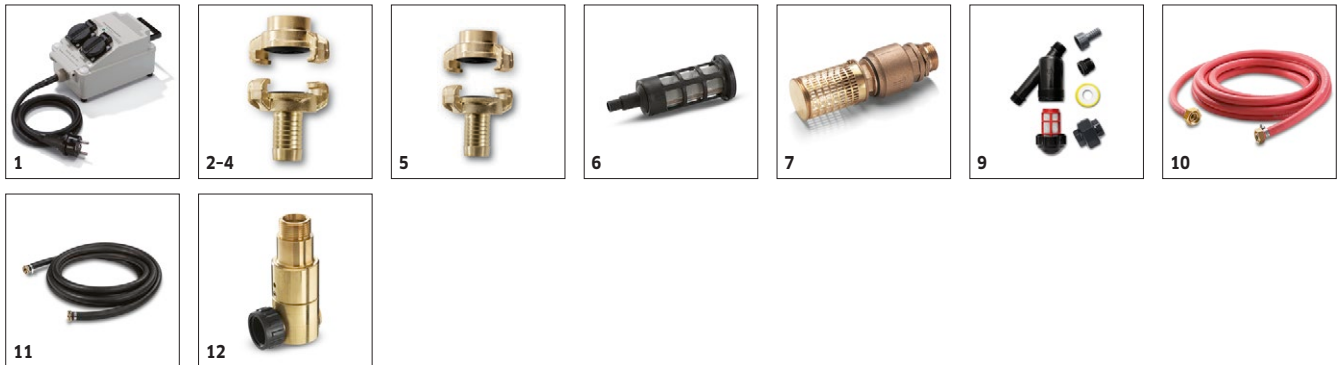
		Order Number	Length				Price	Description	
<b>Automatic, self-winding hose reels</b>									
Add-on kit hose reel plastics	1	6.392-074.0	20 m					Automatic hose reel for 20 m high-pressure hose. The console is made from powder-coated steel, the drum is made from plastic.	<input type="checkbox"/>
Add-on 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"/>
Add-on kit hose reel TR 40m	7	6.392-442.0	40 m						<input type="checkbox"/>
Swivel holder	8	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	9	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"/>

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

# ACCESSORIES FOR HD 4/9 P 110V

## 1.520-965.0

**KÄRCHER**



		Order Number	Length	Diameter	Price	Description	
<b>Other HP Accessories</b>							
Starting current limiter	1	2.637-495.0				Reduces starting current in single-phase supply and protects line fuse.	<input type="checkbox"/>
<b>Geka coupling</b>							
With hose nozzle, R 1/2"	2	6.388-461.0				with hose liner	<input type="checkbox"/>
With hose nozzle, R 3/4"	3	6.388-455.0					<input type="checkbox"/>
With hose nozzle, R 1"	4	6.388-465.0					<input type="checkbox"/>
With female thread, R 3/4"	5	6.388-473.0				with female thread	<input type="checkbox"/>
<b>Suction filter</b>							
Water filter	6	6.414-956.0					<input type="checkbox"/>
Suction filter with check valve	7	4.730-012.0				Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	<input type="checkbox"/>
<b>Fine-mesh water filter</b>							
Add-on kit water filter universal	8	2.637-020.0					<input type="checkbox"/>
Fine-mesh water filter with adapter	9	4.730-102.0				Fine-mesh water filter, 125 µm, max. temperature 50°C. Protects the high-pressure cleaner from dirt particles contained in the water. Water flow rate up to 1200 l/h. Connection 3/4", with adapter, 1".	<input type="checkbox"/>
<b>Water supply hose</b>							
Water supply hose	10	4.440-038.0	7,5 m			NW 13 R1" / R 3/4", up to 30 °C	<input type="checkbox"/>
	11	4.440-207.0	7,5 m			NW 19 R1" / R 3/4", up to 85 °C, for pick-up	<input type="checkbox"/>
<b>Backflow check valve</b>							
Backflow preventer	12	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"/>

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

# ACCESSORIES FOR HD 4/9 P 110V 1.520-965.0



		Order Number	Flow rate				Price	Description	
<b>Push-on washing brush</b>									
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"/>
<b>Rotating washing brush</b>									
	2	4.113-004.0	500-800 l/h						<input type="checkbox"/>
	3	4.113-003.0	500-800 l/h						<input type="checkbox"/>

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