



#### 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 First-class mobility

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

#### 3 Quality

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

#### 2 Flexibility

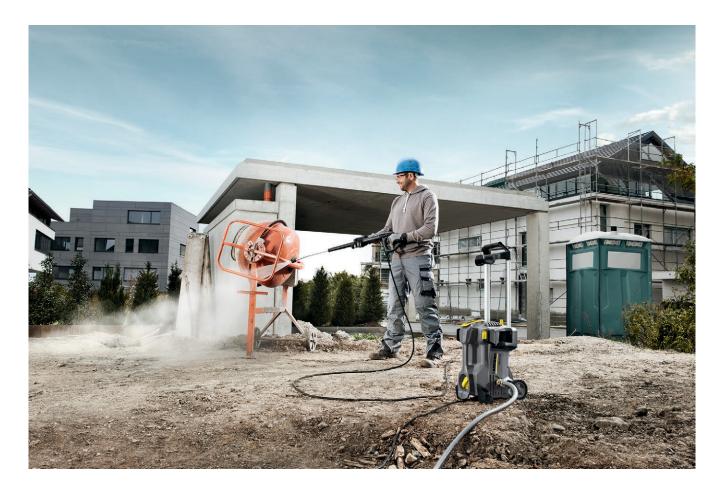
- Vertical and horizontal operation possible.
- $\hfill \blacksquare$  Separate parking and transport position for the spray unit.

#### 4 Accessory storage

- Screw connections (M  $18 \times 1.5$ ) for storing surface cleaner directlyon the machine.
- Practical nozzle compartments for triple nozzle and rotary nozzle.

### **TECHNICAL DATA AND EQUIPMENT.**





#### HD 4/9 P 110V

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

Technical data		
		1
Order Number		1.520-195.0
EAN code		4054278053967
Current type	Ph / V / Hz	1 / 110 / 50
Flow rate	I/h	390
Operating pressure	bar / MPa	90 / 9
Max. pressure	bar / MPa	120 / 12
Max. water feed temperature	°C	max. 60
Power rating	kW	1,4
Weight	kg	21,6
Dimensions (L x W x H)	mm	351 × 312 × 904

Equipment		
Trigger gun		Easy-press trigger gun
Trigger gun with soft grip		I
High-pressure hose	m	10 / ID 6, 250 bar
Spray lance	mm	850
Anti-twist system (AVS)		I .
Pressure switch control		I
Servo Control		-

■ Included in delivery.























		Order Number	ID.	Max. working	Length	Price	Description
		Order Norriber	טו	pressure	Lengui	FIICE	Description
Standard with unions on both sides		L c 201 242 0	ID 8	315 bar	10		
High-pressure hose packaged High-pressure hose, 15 m DN 8,	2	6.391-342.0 6.390-010.0	ID 8	315 bar	10 m		With rotary coupling, 2 x M 22 x 1.5
315 bar, including rotary coupling	2	6.390-010.0	ס עון	212 Dql	13 111		With rotary coopiling, 2 x M 22 x 1.5
High-pressure hose, 20 m DN 8, 315 bar, extension	3	6.390-031.0	ID 8	315 bar	20 m		With M 22x1.5 union at both ends and anti-kink protection ID 8/155°C/315 bar
High-pressure hose, 30 m DN 8,	4	6.390-293.0	ID 8	315 bar	30 m		With rotary coupling, 2 x M 22 x 1.5
including rotary coupling	idos						
Longlife 400 with unions on both si	5	6.388-083.0	ID 8	400 bar	10 m		10 m high proceure base Langlife 400 (DN 9) with retary
High-pressure hose Longlife 400, 10 m, DN 8, including rotary coup-	2	0.300-003.0	ס חו	400 Ddl	10 111		10 m high-pressure hose Longlife 400 (DN 8) with rotary coupling, two layer high-strength steel wire reinforced.
ling							Connectors at both ends. M 22 x 1.5, with kink protection.
High-pressure hose packaged	6	6.391-354.0	ID 8	400 bar	10 m		
High-pressure hose Longlife 400,	7	6.389-709.0	ID 8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5
15 m, DN 8, including rotary coupling							
High-pressure hose Longlife 400, 20 m, DN 8, extension	8	6.390-027.0	ID 8	400 bar	20 m		with rotary coupling, 2 x M 22 x 1.5
High-pressure hose Longlife 400,	9	6.390-294.0	ID 8	400 bar	30 m		With rotary coupling, 2 x M 22 x 1.5
30 m DN 8, including rotary coupling							
Food industry version with unions	on bot	h sides					
High-pressure hose, 10 m ID 8, suitable for food industry, extension piece	10	6.389-479.0	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, extensi- on piece	11	6.389-581.0	ID 8	250 bar	20 m		20 m high-pressure hose (DN 8) with swivel coupling. Non-discolouring outer layer for use in the food industry. Connectors at both ends, M 22 x 1.5, with kink protection. NW 8/155°C/250 bar.
Longlife food industry version with	unior	s on both sides	'			'	
High pressure hose food DN 8 / 10 m	12	6.391-864.0	ID 8	400 bar	10 m		Longlife HP hose for use in the food industry. Außende- cke## animal-grease-resistant, non-colour-bleeding materi-
High-pressure hose food industry 400 bar, 20 m, DN 8, including	13	6.391-887.0	ID 8	400 bar	20 m		al. With rotary coupling, 2 x M 22 x 1,5
rotary coupling							
Standard	1 .				1		
High-pressure hose, 10 m DN 6, AVS trigger gun connector	14	6.391-238.0	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 manu al coupling. Further data: DN 6/155°C/250 bar.
HD-Schlauch DN 6, 15m	15	6.391-394.0	ID 6	250 bar	15 m		ai coopiiiib. i oi tiici data. Div o/ 155 C/250 bdi.
High-pressure hose, 10 m, DN 6,	16	6.391-875.0	ID 6	300 bar	10 m		With patented AVS connection in the trigger gun (pivot-
300 bar, AVS trigger gun connection	10	0.031 070.0	.5 0	556 54.	10		mounted) and hand screw union. M 22 x 1.5 with anti-kink protection. NW 6/155°C/300 bar
High-pressure hose, 10 m DN 8,	17	6.390-025.0	ID 8	315 bar	10 m		10 m high-pressure hose (M 22 x 1.5) with kink protection.
AVS trigger gun connector							With patented rotating AVS trigger gun connector and manu al coupling. Further data: DN 8/155°C/315 bar.
High-pressure hose, 15 m DN 8,	18	6.390-185.0	ID 8	315 bar	15 m		15 m high-pressure hose (M 22 x 1.5) with kink protection.
AVS trigger gun connector							With patented rotating AVS trigger gun connector and manu al coupling. Further data: DN 8/155°C/315 bar.
High-pressure hose, 20 m DN 8, AVS trigger gun connector	19	6.390-171.0	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 manu

















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		Order Number	ID	Max. working pressure	Length	Price	Description	
Longlife 400			<u>'</u>	•				
High pressure hose DN 6, 10 m, Longlife	20	6.391-882.0	ID 6	400 bar	10 m		With patented AVS connection in the trigger gun (pivot-mounted).	
High-pressure hose packaged	21	6.391-351.0	ID 8	400 bar	10 m			
High-pressure hose Longlife 400, 20 m DN 8, AVS trigger gun con- nector	22	6.390-208.0	ID 8	400 bar	20 m		20 m high-pressure hose Longlife 400 (DN 8) with patented (rotating) AVS trigger gun connector and manual coupling. Two layer high-strength steel wire reinforced.	
Food industry version								
High-pressure hose 15 m ID 6, AVS trigger gun connector 11 mm, suitable for food industry, grey	23	6.391-654.0	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.	
High-pressure hose, 10 m, DN 8, AVS trigger gun connection, food industry, grey	24	6.390-704.0	ID 8	250 bar	10 m		Food industry version, AVS connection in the trigger gun. grey NW 8/155 °C/250 bar	
High-pressure hose, 20 m ID 8, AVS trigger gun connector, suitable for food industry, grey	25	6.390-705.0	ID 8	250 bar	20 m		20 m high-pressure hose (DN 8) with patented (rotating) AVS trigger gun connector. Non-discolouring outer layer for use in the food industry. NW 8/155°C/250 bar.	
Longlife food industry version								
High-pressure hose Longlife 400, 15 m, ID 6, AVS trigger gun con- nection	26	6.391-888.0	ID 6	400 bar	15 m		Longlife HP hose for use in the food industry. Außende- cke## animal-grease-resistant, non-colour-bleeding materi- al. With patented AVS connection in the pistol (pivot moun-	
HIgh-pressure hose Longlife 400, 10 m, ID 8, AVS trigger gun con- nection	27	6.391-885.0	ID 8	400 bar	10 m		ted)	
HIgh-pressure hose Longlife 400, 20 m, ID 8, AVS trigger gun con- nection	28	6.391-886.0	ID 8	400 bar	20 m			

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.





		Order Number	Flow rate			Price	Description	
Easy Press high-pressure gun with	holdin	g power reductio	n (Kärcher paten	t)				
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.	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.







		Order Number	Nozzle size		Price	Description
Power nozzle spray angle 15°						
	1	2.883-035.0	30			
HP nozzle spray angle 0°						
High-pressure nozzle spray angle °0	2	2.884-533.0	40			High-pressure nozzle with powerful jet for extremely stubborn dirt. $\hfill\Box$
Power nozzle spray angle 25°						
Power nozzle spray angle 25°	3	2.883-821.0	36			Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.
Power nozzle spray angle 40°						
Power nozzle spray angle 40°	4	2.884-522.0	40			Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces. $\hfill\Box$

 $<sup>\</sup>blacksquare$  Included in delivery.  $\hfill\Box$  Available accessories.  $\hfill$  Extension hose.





		T	T	ı			
			Max. working				
		Order Number	pressure	Length		Price	Description
Rotating spray lances			1	1			
Lance 850 mm, rotatable, ergonomic	1	4.760-663.0	300 bar	840 mm			850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.
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.
1050 mm lance, rotatable, ergonomic	3	4.760-660.0	300 bar	1050 mm			1050 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.
Lance 1550 mm, rotatable, ergonomic	4	4.760-661.0	300 bar	1550 mm			1550 mm stainless steel lance (manual coupling) with ergo- nomic handle for ease of use and protection. Rotatable 360° under pressure.
Lance 2050 mm, rotatable, ergonomic	5	4.760-662.0	300 bar	2050 mm			2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.
Spray lances							
Anti-vibration lance	6	6.415-951.0	250 bar	950 mm			The spring-loaded 360° loop handle significantly reduces the vibrations on the spray lance, reducing the physical burden on the user, e.g. when working with the dirt blaster.
Double lance							
Double lance 960 mm	7	6.394-665.0	310 bar	960 mm			960 mm double lance for variable pressure adjustment on handle at full water flow rate. Suitable for agricultural use ( e.g. stable cleaning).
Angular spray lance							,
WC and gutter lance	8	4.760-073.0					Stainless steel lance WC and gutter with nozzle insert. Specially shaped for effective and hygienic cleaning of gutters and toilets.
Flexible spray lance				1			
Flexible lance 1050 mm	9	6.394-654.0	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.
Telescopic spray lance							
Telescopic jet pipe	10	6.394-690.0	225 bar				
Restraint belt for telescopic jet pipe	11	6.373-987.0					Convenient strap for relief when working with the telesco- pic spray lance (6.394-690). The burden is optimally distri- buted on the body and longer periods of use are possible.
Gutter cleaner							
Gutter cleaning lance	12	2.642-305.0					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.
Undercarriage spray lance							
Underbody lance	13	4.760-245.0		700 mm			Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.















		Order Number	Flow rate	Nozzle size	Diame- ter	Price	Description	
Hard surface cleaner FR Classic								
	1	2.643-476.0						
Hard surface cleaner FR Basic								
FR Xpert	2	2.642-998.0			300 mm			
Hard surface cleaner FR 30								
FR 30	3	2.642-997.0			300 mm			
Hard surface cleaner FR 30 ME								
FR 30 ME surface cleaner	4	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.	
Machine-specific nozzle kit for FR								
Nozzle kit for surface cleaners (type-specific) 450 - 500 l/h	5	2.640-482.0	450-500 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (450 to 500 l/h).	
Machine-specific nozzle kits for FR	Classic	Ç						
	6	2.885-313.0		34				
Adapter for home & garden pressu	re was	hers			,			
Adapter FR mit Consumer-Ger te	7	4.762-402.0						

<sup>■</sup> Included in delivery. □ Available accessories. ▲ Extension hose.

















		Order Number			Price	Description
Nozzle union				 l		
Nozzle connector	1	5.401-210.0				For protecting and connecting Kärcher power nozzles to spray lances (M 18 x 1.5 IG).
Spacer (including nozzle union)						
Spacer (incl.nozzle union)	2	5.394-294.0				Guarantees constant safety clearance, e.g. for tyres and bodywork. Helps prevent damage to sensitive surfaces. Mounts directly to lance.
Coupling parts						
	3	6.987-705.0				
Rotary coupling		,		1		
Rotary coupling	4	4.401-091.0				Kārcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 x 1.5 m. With grip protection.
Coupling						1 G. 1 p. 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0
Coupler -2xM22x1,5	5	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.
Connector						
Nozzle connector/screw connector	6	4.402-022.0				Nozzle connector/screw connector for connecting high- pressure nozzles and accessories to the high-pressure trig- ger gun (with nozzle connector). Connectors: 1x M 22 x 1.5 and 1x M 18 x 1.5.
Adapter						
Adapter M22 - Swivel	7	4.424-004.0				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.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.









		Order Number	Max. working pressure	Nozzle size		Price	Description
Triple nozzles							
Triple nozzle 036	1	4.767-148.0	300 bar	36			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.
Dirt Blaster, small							
Dirt blaster	2	4.767-023.0	180 bar	40			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. 180 bar, 18 MPa, 60°C.
	3	4.767-231.0	180 bar	40			

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.









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		Order Number	Nozzle size			Price	Description	
Wet blasting attachment (without r	nozzle)			'				
Wet blasting attachment with flow control (without nozzles)	1	4.762-010.0					Paint, rust and scale removal made easy: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet.	ַ
Wet blasting attachment without flow control (nozzles not included)	2	4.762-022.0					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.	ַ
Nozzle pack for wet blasting attach	ment							
Nozzle kit for wet blasting attachment 035	3	2.638-526.0	35				Nozzle kit with wet blasting nozzle and nozzle insert (type specific). For optimal Kärcher wet blasting attachment performance. Only in combination with wet blasting attachment 4.762-010/-022.	ן
Boron carbide nozzle								
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.	]

 $<sup>\</sup>blacksquare$  Included in delivery.  $\hfill\Box$  Available accessories.  $\hfill \triangle$  Extension hose.











		Order Number	Max. working pressure	Nozzle size	Diame- ter	Price	Description	
Pipe cleaning hose, ID 6								
Pipe cleaning hose	1	6.390-028.0	120 bar				20 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	
Pipe cleaning hose, DN 6, 30 m	2	6.390-029.0	120 bar				30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).	
Pipe cleaning hose, DN 6, 20 m, 220 bar	3	6.390-030.0	250 bar				20 m flexible high-pressure hose (DN 6) for cleaning pipes up to 220 bar (threaded connection for R 1/8 nozzle).	
Pipe cleaning nozzle								
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	
Drain cleaning dirt blaster D 30/040	5	6.415-946.0		40	30 mm		necessary forward movement, as well as convenient hand- ling.	
Drain cleaning dirt blaster D 35/040	6	6.415-948.0		40	35 mm			
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.	
	8	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	9	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.	

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.







		Order Number	Flow rate		Price	Description
Cup foam lance						
Foam lance nozzle Ø1,5	1	6.394-969.0				
Foam nozzle mounting kit						
Foam nozzle kit	2	2.637-926.0				Foaming agent kit. The foam nozzle is ideal for use in sani-
						tary areas and the food industry and wherever long applica-
-						tion times are necessary.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.















		Order Number	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.
ABS wall fastening stainless steel	2	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.
Add-on kit hose reel plastics	3	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	4	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	5	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	6	6.391-421.0	20 m			Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.
ABS hose reel stainless steel	7	2.641-866.0	20 m			High-grade, automatic steel hose reel. Especially suitable for use in the food industry. The material and finish provide for a corrossion-resistant, watertight capsuled sprong drive.  Connection for HP hoses with nipple.

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.



















								Т
		Order Number	Length	Diameter		Price	Description	
Starting current limiter								
Starting current limiter	1	2.637-495.0					Reduces starting current in single-phase supply and protect line fuse.	s [
Geka coupling							Time rose.	Ť
With hose nozzle, R 1/2"	2	6.388-461.0					with hose liner	Ιc
With hose nozzle, R 3/4"	3	6.388-455.0					1	[
With female thread, R 3/4"	4	6.388-473.0					with female thread	
Suction filter								
Water filter	5	6.414-956.0						
Suction filter with check valve	6	4.730-012.0					Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	
Fine-mesh water filter		I.		'				Ė
Fine-mesh water filter with adapter	7	4.730-102.0					Fine-mesh water filter, 125 µm, max. temperature 50°C. Protects the high-pressure cleaner from dirt particles conta ned in the water. Water flow rate up to 1200 l/h. Connectio 3/4", with adapter, 1".	
Water supply hose								
Water supply hose	8	4.440-038.0	7,5 m				NW 13 R1" / R 3/4", up to 30 °C	[
	9	4.440-207.0	7,5 m				NW 19 R1" / R 3/4", up to 85 °C, for pick-up	[
Backflow check valve								ļ,
Backflow preventer	10	2.641-374.0					To prevent detergent getting into the drinking water cycle i case of inlet at low-pressure hot water resistant up to 80 °C - tested according to IEC 60335-2-79 - integrated leakag protection	ı

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.







								$\neg$
		Order Number	Flow rate			Price	Description	
Rotating washing brush				'	'			
	1	4.762-561.0	500-800 l/h					
	2	4.762-560.0	500-800 l/h					

<sup>■</sup> Included in delivery. 

Available accessories. 

Extension hose.