



## HDS-E 8/16-4 M 24KW

The HDS-E 8/16-4M with electric boiler is ideal where exhaust gases are undesired. Thanks to a unique type of boiler insulation and eco!efficiency mode, it is efficient and eco-friendly.



### 1 Highly energy efficient, for high cost savings

- Highly effective insulating material saves up to 40% energy in stand-by mode.
- Unique eco!efficiency mode.

### 2 Extremely high temperature cleaning, for the most stubborn dirt

- Highly effective insulating material saves up to 40% energy in stand-by mode.
- Unique eco!efficiency mode.

### 3 New servo control function

- For delivering a significantly higher water temperature to the accessories.

### 4 Efficient boiler design

- Short heating up time.



## HDS-E 8/16-4 M 24KW

- Economical ecoefficiency mode
- Tilting aid
- Two cleaning agent tanks with automatic rinsing

### Technical data

<b>Order no.</b>	1.030-260.0	
<b>EAN code</b>	4039784729421	
<b>Number of current phases</b>	<b>Ph</b>	3
<b>Frequency</b>	<b>Hz</b>	50
<b>Voltage</b>	<b>V</b>	400
<b>Flow rate</b>	<b>l/h</b>	300-760
<b>Pressure</b>	<b>bar / MPa</b>	30-160 / 3-16
<b>Max. temperature</b>	<b>°C</b>	45 / 85
<b>Connection load</b>	<b>kW</b>	29,5
<b>Weight</b>	<b>kg</b>	112
<b>Dimensions (L × W × H)</b>	<b>mm</b>	1330 × 750 × 1060

### Equipment

<b>Spray gun</b>	Easy Press trigger gun	<b>Two detergent tanks</b>	■
<b>Spray gun with soft grip</b>	■		
<b>High-pressure hose</b>	<b>m</b> 10 / DN 6, 250 bar		
<b>Spray lance</b>	<b>mm</b> 1050		
<b>Power nozzle</b>	■		
<b>Servo Control</b>	■		
<b>Zero-emissions electric heater</b>	■		
<b>Anti-twist system (AVS)</b>	-		
<b>Control panel with display light</b>	■		
<b>Three-piston axial pump</b>	With ceramic pistons		
<b>Pressure cut-off</b>	-		

■ Included in the scope of supply.

# HDS-E 8/16-4 M 24KW 1.030-260.0

**KÄRCHER**



		Order no.	ID	Max. working pressure	Length	Price	Description	
<b>Standard with unions on both sides</b>								
High-pressure hose, 10 m, ID 8, 315 bar, extension	1	6.391-342.0	ID 8	315 bar	10 m		To extend the operating radius with the high-pressure cleaner. Connection on both sides M22 x 1.5.	▲
High-pressure hose, 15 m, ID 8, 315 bar, including rotary coupling	2	6.390-010.0	ID 8	315 bar	15 m		With screw connections on both sides, M 22 x 1.5 with bend protection.	▲
High-pressure hose, 20 m, ID 8, 315 bar, extension piece	3	6.390-031.0	ID 8	315 bar	20 m		Screw connections at both ends, M 22 x 1.5, with kink protection.	▲
High-pressure hose, 30 m, ID 8, incl. rotary coupling	4	6.390-293.0	ID 8	315 bar	30 m		To extend the operating radius with the high-pressure cleaner. Connection on both sides M22 x 1.5.	▲
High-pressure hose, 15 m, ID 10, 220 bar, extension piece	5	6.390-023.0	ID 10	220 bar	15 m		Connectors at both ends, M 22 x 1.5, with kink protection.	▲
High-pressure hose, 20 m, ID 10, 220 bar, extension	6	6.390-726.0	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, ID 10, extension, not rotatable	7	6.391-513.0	ID 10	220 bar	25 m			▲
High-pressure hose, 40 m, ID 10, extension, not rotatable	8	6.391-510.0	ID 10	220 bar	40 m			▲
High-pressure hose, 15 m, DN 12, 210 bar, extension	9	6.391-849.0	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.	▲
High-pressure hose, 40 m, DN 12, 210 bar, extension	10	6.391-865.0	ID 12	210 bar	40 m			▲
<b>Longlife 400 with unions on both sides</b>								
High-pressure hose 1.5 m, ID 8, including connectors	11	6.390-178.0	ID 8	400 bar	1.5 m		1.5 m high-pressure hose (DN 8, M 22 x 1.5) with kink protection and connectors at both ends. For connecting to hose reels with appropriate connector (M 22 x 1.5).	▲
High-pressure hose Longlife 400, 10 m, ID 8, including rotary coupling	12	6.388-083.0	ID 8	400 bar	10 m		10 m high-pressure hose Longlife 400 (DN 8) with rotary coupling, two layer high-strength steel wire reinforced. Connectors at both ends. M 22 x 1.5, with kink protection.	▲
High-pressure hose Longlife 400, 10 m, ID 8, extension	13	6.391-354.0	ID 8	400 bar	10 m		To extend the operating radius with the high-pressure cleaner. Connection on both sides M22 x 1.5.	▲
High-pressure hose Longlife 400, 15 m, ID 8, including rotary coupling	14	6.389-709.0	ID 8	400 bar	15 m		With rotary coupling, 2 x M 22 x 1.5	▲
High-pressure hose Longlife 400, 20 m, ID 8, extension	15	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, 30 m, ID 8, including rotary coupling	16	6.390-294.0	ID 8	400 bar	30 m		With rotary coupling, 2 x M 22 x 1.5	▲
<b>Food industry version with unions on both sides</b>								
High-pressure hose, 10 m, DN 8, suitable for the food industry, extension piece	17	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, extension piece	18	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.	▲
<b>Longlife food design with screw connections at both ends</b>								
High pressure hose food ID 8, 10 m	19	6.391-864.0	ID 8	400 bar	10 m		Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With rotary coupling, 2 x M 22 x 1.5	▲
High-pressure hose food industry 400 bar, 20 m, ID 8, including rotary coupling	20	6.391-887.0	ID 8	400 bar	20 m			▲

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

# HDS-E 8/16-4 M 24KW 1.030-260.0

**KÄRCHER**



	Order no.	ID	Max. working pressure	Length	Price	Description	
<b>Standard</b>							
High-pressure hose, 10 m, ID 6, AVS trigger gun connector	21	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 manual coupling. Further data: DN 6/155°C/250 bar.	■
High-pressure hose, 15 m, ID 6, AVS gun connection	22	6.391-394.0	ID 6	250 bar	15 m	With patented AVS trigger gun connection (rotatable) and hand screw connection, M 22 x 1.5 with kink protection.	□
High-pressure hose, 10 m, ID 6, 300 bar, AVS trigger gun connection	23	6.391-875.0	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	□
High-pressure hose, 10 m, ID 8, AVS trigger gun connector	24	6.390-025.0	ID 8	315 bar	10 m	10 m high-pressure hose (M 22 x 1.5) with kink protection. With patented rotating AVS trigger gun connector and manual coupling. Further data: DN 8/155°C/315 bar.	□
High-pressure hose, 15 m, ID 8, AVS trigger gun connector	25	6.390-185.0	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, ID 8, AVS trigger gun connector	26	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 manual coupling. Further data: DN 8/155°C/315 bar.	□
<b>Longlife 400</b>							
Longlife 400 high-pressure hose, 10 m, DN 6, M 22 x 1.5	27	6.391-882.0	ID 6	400 bar	10 m	With patented AVS connection in the trigger gun (pivot-mounted).	□
High-pressure hose Longlife 400, 10 m, ID 8, AVS trigger gun connection	28	6.391-351.0	ID 8	400 bar	10 m	With patented AVS connection in the trigger gun (rotatable) and hand screw connection, M 22 x 1.5 with kink protection. With double steel reinforcement.	□
High-pressure hose Longlife 400, 20 m, DN 8, AVS trigger gun connector	29	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.	□
<b>Food industry version</b>							
High-pressure hose, 15 m, ID 6, AVS trigger gun connector 11 mm, suitable for food industry, grey	30	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, grey	31	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	32	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.	□
<b>Longlife food design</b>							
High-pressure hose Longlife 400, 15 m, ID 6, AVS trigger gun connection	33	6.391-888.0	ID 6	400 bar	15 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)	□
High-pressure hose Longlife 400, 10 m, ID 8, AVS trigger gun connection	34	6.391-885.0	ID 8	400 bar	10 m		□
High-pressure hose Longlife 400, 20 m, ID 8, AVS trigger gun connection	35	6.391-886.0	ID 8	400 bar	20 m		□
<b>Special hoses</b>							
High-pressure hose, 1.5 m, ID 8, incl. connection parts, curved outflow	36	6.388-886.0	ID 8	400 bar	1.5 m	Connection hose in longlife quality with 2x M22 x 1.5, with angled connection on one side.	□

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

# HDS-E 8/16-4 M 24KW

## 1.030-260.0

**KÄRCHER**



		Order no.	Flow rate				Price	Description	
<b>Easy Press high-pressure trigger gun with holding force reduction (Kärcher patent)</b>									
Easy Press HP trigger gun with soft grip	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.	■
<b>Servo control</b>									
Servo control	2	4.775-470.0	750-1100 l/h					Water flow and pressure control on the trigger gun.	■
<b>Trigger guns</b>									
High-end HP trigger gun	3	4.775-823.0						High-end spray guns with optimised flow. Small pressure losses also with water volumes up to 2500 l/h. Robustness and durability for professional use. Food-safe and saltwater-resistant materials offer the best conditions for use in the food sector and in industry. Connector for HP hoses M 22 x 1.5.	□
<b>Quick connect</b>									
Quick coupling	4	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.	□
Male coupling	5	6.401-459.0						Hardened stainless steel male coupling for quick coupling 6.401-458. With M 22 x 1.5 external thread.	□

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

# HDS-E 8/16-4 M 24KW

## 1.030-260.0

**KÄRCHER**



		Order no.	Max. working pressure	Length		Price	Description	
<b>Rotating spray lances</b>								
1050 mm spray pipe, rotatable	1	4.760-660.0	300 bar	1050 mm			1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	■
600 mm spray pipe, rotatable	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.	□
Spray lance, 840 mm, rotatable	3	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.	□
1550 mm spray pipe, rotatable	4	4.760-661.0	300 bar	1550 mm			1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
2050 mm spray pipe, rotatable	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.	□
<b>Spray lance</b>								
250 mm lance, non-rotatable	6	4.760-667.0		250 mm			250 mm stainless steel lance. With manual coupling. Non-rotatable.	□
Vibrasoft lance	7	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.	□
<b>Angular spray lance</b>								
Spray lance for toilets and rain gutters	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.	□
<b>Flexible spray lance</b>								
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.	□
High-pressure M18x1.5 articulated joint	10	4.481-039.0	300 bar				High-pressure articulated joint: Thanks to infinite angle adjustment up to 120°, this tool is ideal to effortlessly clean hard-to-reach areas. Simply attach to the spray lance of the pressure washer.	□
<b>Telescopic spray lance</b>								
Strap for telescopic spray pipe	11	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.	□
<b>Gutter cleaner</b>								
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.	□
<b>Undercarriage spray lance</b>								
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.	□

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

# HDS-E 8/16-4 M 24KW

## 1.030-260.0



		Order no.	Nozzle size				Price	Description	
<b>Power nozzle spray angle 25°</b>									
Power nozzle spray angle 25°	1	2.883-398.0	45					Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.	■
25° power nozzle for cleaning agent suction	2	2.884-521.0	250					Brass power nozzle for low pressure operation and cleaning agent suction.	□
<b>Power nozzle spray angle 15°</b>									
Power nozzle spray angle 15°	3	2.883-389.0	45					Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	□
<b>Power nozzle spray angle 40°</b>									
Power nozzle spray angle 40°	4	2.884-523.0	45					Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	□
<b>HP nozzle spray angle 0°</b>									
High-pressure nozzle spray angle 0°	5	2.884-534.0	45					High-pressure nozzle with powerful jet for extremely stubborn dirt.	□

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

# HDS-E 8/16-4 M 24KW

## 1.030-260.0

**KÄRCHER**



		Order no.	Max. working pressure	Nozzle size		Price	Description	
<b>Dirt Blaster, small</b>								
Dirt blaster	1	4.767-100.0	180 bar	45			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.	<input type="checkbox"/>
<b>Dirt blaster, large</b>								
Dirt blaster	2	4.763-988.0	300 bar	45			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"/>
<b>Triple nozzles</b>								
Triple jet nozzle 045	3	4.767-153.0	300 bar	45			Manually switchable triple nozzle with stainless steel nozzle. Robust, durable and resistant to dirt. Easy jet changeover between high-pressure point stream (0°), high-pressure flat stream with power nozzle contour (25°), and low-pressure flat stream (40°). For machines with injectors; low-pressure flat stream for cleaning agent suction and application. Connector M 18 x 1.5.	<input type="checkbox"/>
<b>Triple nozzle, touchless changeover</b>								
Triple nozzle, Touchless (touchless changeover)	4	4.767-002.0		45			Fast and easy jet changeover by rotating the nozzle. Choice of high-pressure point stream, high-pressure flat stream (25°), manual changeover to low-pressure flat stream (40°). For machines with injectors, the low-pressure flat stream is used for cleaning agent removal and application. M18 x 1.5 connection.	<input type="checkbox"/>
<b>Angled vario nozzle 0-90°</b>								
Spezial nozzle 0005	5	4.763-039.0		50			Variable angle nozzle for spray angle adjustment from 0° to 90°. For easy adjustment to all kinds of soiling and surfaces.	<input type="checkbox"/>

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.



# HDS-E 8/16-4 M 24KW 1.030-260.0

KÄRCHER



		Order no.				Price	Description	
<b>Nozzle union</b>								
Nozzle connector	1	5.401-210.0					For protecting and connecting Kärcher power nozzles to spray lances (M 18 x 1.5 IG).	<input type="checkbox"/>
<b>Spacer (including nozzle union)</b>								
Spacer (includes nozzle screws)	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.	<input type="checkbox"/>
<b>Cleaning agent injector</b>								
Cleaning agent injector for high pressure (without nozzle)	3	3.637-170.0					Cleaning agent dosage at high pressure 3 - 5 %	<input type="checkbox"/>
Cleaning agent injector for high and low pressure (without nozzles)	4	3.637-001.0					Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.	<input type="checkbox"/>
<b>Machine-specific nozzle kit with order no. 4.637-033.0</b>								
Nozzle kit 750-1000 l/h	5	4.769-011.0					For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + HP power nozzle + union	<input type="checkbox"/>
Nozzle kit 750-1000 l/h	6	4.769-047.0						<input type="checkbox"/>
<b>Nozzle insert with order no. 4.637-032.0</b>								
Nozzle insert up to 1,100 l/h - high pressure	7	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	8	4.769-001.0					For low pressure with machines up to 1.100 l/h	<input type="checkbox"/>
<b>Rotary coupling</b>								
Rotary coupling	9	4.401-091.0					Reliably prevents twisting of HP hoses. Connection M 22 x 1.5 m. Handle protection	<input type="checkbox"/>
<b>Coupling</b>								
Coupler -2 x M22 x 1,5	10	4.403-002.0					For overriding the dismantled heating coil for cleaning alternative: 4.111-029.0 adapter 1 - hose old / hose new	<input type="checkbox"/>
<b>Connector</b>								
Nozzle screws / screw socket	11	4.402-022.0					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"/>
<b>Adapters</b>								
Sealing cone complete	12	4.424-004.0					In order to install high-pressure hose with male coupling on thread with M22 x 1.5 Alternative: 4.111-032.0 Adapter 4 - Device new / Hose old Swivel	<input type="checkbox"/>
<b>EASY!Lock adapter</b>								
Adapter 1 M22AG-TR22AG	13	4.111-029.0					Adapter 1 to connect the old hose with the new hose	<input type="checkbox"/>
Adapter 2 M22IG-TR22AG	14	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	15	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	16	4.111-032.0					Adapter 4 to connect the new gun with the old swivel hose	<input type="checkbox"/>
Adapter 5 TR22IG-M22AG	17	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	18	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	19	4.111-035.0					Adapter 7 to connect the old spray lance with the new nozzle	<input type="checkbox"/>
Adapter 8 TR20IG-M18AG	20	4.111-036.0					Adapter 8 to connect the new spray lance with the old nozzle	<input type="checkbox"/>

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

# HDS-E 8/16-4 M 24KW

## 1.030-260.0

**KÄRCHER**



		Order no.	Max. working pressure	Nozzle size	Diameter	Price	Description	
<b>Pipe cleaning hose, ID 6</b>								
Pipe cleaning hose, DN 6, 20 m, max. 120 bar	1	6.390-028.0	120 bar				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, DN 6, 30 m, max. 120 bar	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).	<input type="checkbox"/>
Pipe cleaning hose, DN 6, 20 m, max. 250 bar	3	6.390-030.0	250 bar				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"/>
<b>Pipe cleaning nozzle</b>								
Pipe cleaning dirt blaster D21/060	4	4.765-002.0		60	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"/>
Pipe cleaning dirt blaster D30/060	5	4.765-005.0		60	30 mm			<input type="checkbox"/>
Pipe cleaning nozzle	6	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"/>
	7	5.763-016.0		60	16 mm			<input type="checkbox"/>
	8	5.763-017.0		50	30 mm			Pipe cleaning nozzle with inner thread. Different spray directions. The hose moves freely through the pipe. (R 1/8" connection, 3 x 30° backwards, diameter 30 mm.)
Rotating pipe cleaning nozzle	9	6.415-428.0		50	16 mm		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"/>
Pipe cleaning dirt blaster D 25 / 060	10	6.415-945.0		60	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"/>
Pipe cleaning dirt blaster D 30 / 060	11	6.415-947.0		60	30 mm			<input type="checkbox"/>
Pipe cleaning dirt blaster D 35 / 060	12	6.415-949.0		60	35 mm			<input type="checkbox"/>

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

# HDS-E 8/16-4 M 24KW

## 1.030-260.0

**KÄRCHER**



		Order no.	Flow rate	Nozzle size	Diameter	Price	Description	
<b>Hard Surface Cleaner FRV 30</b>								
FRV 30 surface cleaner	1	2.642-999.0					With the integrated and automatic suction of the dirty water, the FRV 30 makes surface cleaning even more efficient. There is no longer a need to rinse the surface after cleaning, as the dirty water can be removed through the 5m suction hose, which is supplied. Additional features include the non-marking steering rollers and double ceramic bearings. Machine specific nozzle kit must be ordered separately.	<input type="checkbox"/>
Rubber lip for FRV 30	2	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	3	4.440-939.0					5m extension hose for FRV 30. Connection sleeve included.	<input type="checkbox"/>
Hose fastening attachment kit	4	2.642-528.0					Suction cup for fixing the suction hose to smooth surfaces.	<input type="checkbox"/>
Dirt trap attachment kit	5	2.642-532.0					Galvanised steel bucket for collecting coarse dirt and for fixing the suction hose in outside areas.	<input type="checkbox"/>
<b>Hard surface cleaner FR 30</b>								
Surface Cleaner FR 30	6	2.642-997.0			300 mm		Up to 10 times greater area coverage compared with the conventional high pressure jet. Plastic casing for optimal manoeuvrability, double ceramic bearing for long working times, flexible connection joint for ergonomic handling and integrated parking position. Machine specific nozzle kit must be ordered separately.	<input type="checkbox"/>
<b>FR 30 Me surface cleaner</b>								
Hard surface cleaner FR 30 Me	7	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.	<input type="checkbox"/>
<b>Hard Surface Cleaner FR 50</b>								
Hard surface cleaner FR 50	8	2.640-679.0			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"/>
<b>Machine-specific nozzle kits for FR</b>								
Nozzle kit for surface cleaners	9	2.639-187.0	650-850 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (650 to 850 l/h).	<input type="checkbox"/>
<b>Machine-specific nozzle kits for FRV</b>								
Nozzle kit 045 - for FRV	10	2.642-432.0		45			Machine-specific nozzle kit with Kärcher power nozzles and jet nozzle for FRV 30.	<input type="checkbox"/>
<b>Adapter for home &amp; garden pressure washers</b>								
Adapter, surface cleaner	11	4.762-402.0					For use on commercial hard-surface cleaners with home and garden pressure washers	<input type="checkbox"/>
<b>FRV 30 Me surface cleaner</b>								
FRV 30 Me	12	2.642-911.0					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	13	4.441-040.0					5 m extension hose for FRV 30 Me. Includes connecting adapter.	<input type="checkbox"/>

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

# HDS-E 8/16-4 M 24KW

## 1.030-260.0



		Order no.	Flow rate	Nozzle size	Diame- ter	Price	Description
<b>Surface Cleaner FR 50 Me</b>							
FRV 50 ME	14	2.643-598.0					Thanks to automatic suction of the waste water, the stainless steel FRV 50 Me surface cleaner makes surface cleaning more efficient in both inside and outside areas. Hot water cleaning up to 85 °C. The FRV 50 Me features a temperature-resistant 7.5 m polyurethane suction hose. Additional quality features are the non-marking steering rollers and double ceramic bearing. Machine-specific nozzle kit must be ordered separately. Max. 250 bar / 1,300 l/h / 85 °C.

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

# HDS-E 8/16-4 M 24KW

## 1.030-260.0

**KÄRCHER**



		Order no.	Flow rate				Price	Description	
<b>Cup foam lance</b>									
Cup foam lance	1	6.394-668.0	1200 l/h					Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.	<input type="checkbox"/>
1-litre cleaning agent container for foam lance	2	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"/>
<b>Inno Foam Kit</b>									
Inno Foam Set	3	2.640-692.0						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	4	2.640-693.0						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 090 for Inno / Easy Set 700-1,000 l/h	5	2.640-688.0	700-1000 l/h					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"/>
<b>Foam nozzle mounting kit</b>									
Foam nozzle attachment kit	6	2.637-926.0						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 the scope of supply. □ Available accessories. ▲ Extension hose.

# HDS-E 8/16-4 M 24KW 1.030-260.0



		Order no.	Length				Price	Description	
<b>Automatic, self-winding hose reels for wall mounting</b>									
Powder-coated 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.	<input type="checkbox"/>
Stainless steel swivel holder	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.	<input type="checkbox"/>
Automatic hose reel, powder-coated steel / plastic	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.	<input type="checkbox"/>
Automatic stainless steel / synthetic material hose drum	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.	<input type="checkbox"/>
Automatic hose reel, coated	5	2.639-919.0	20 m					Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.	<input type="checkbox"/>
Automatic hose reel, stainless steel, includes swivel holder	6	6.391-421.0	20 m					Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.	<input type="checkbox"/>
ABS automatic stainless steel hose drum	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 corrosion-resistant, watertight capsuled sprong drive. Connection for HP hoses with nipple.	<input type="checkbox"/>

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

# HDS-E 8/16-4 M 24KW

## 1.030-260.0



		<b>Order no.</b>	<b>Flow rate</b>	<b>Inlet temperature</b>	<b>Length</b>	<b>Length</b>	<b>Price</b>	<b>Description</b>	
<b>Solar cleaning - telescopic lances</b>									
iSolar HP hose 7	1	6.392-978.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 7. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.	<input type="checkbox"/>
iSolar HP hose 10	2	6.392-977.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 10. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.	<input type="checkbox"/>
iSolar HP hose 14	3	6.392-976.0		max. 155 °C				High-quality, flexible HP hose (with rubber covering) for the iSolar TL 14. The outer layer has especially good sliding properties when extending and retracting the telescopic rod.	<input type="checkbox"/>

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

# HDS-E 8/16-4 M 24KW

## 1.030-260.0



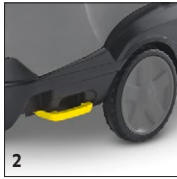
		Order no.	Nozzle size				Price	Description	
<b>Wet blasting attachment (without nozzle)</b>									
Wet blasting attachment with flow control (without nozzles)	1	4.762-010.0						Paint, rust and scale removal made easy: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet.	<input type="checkbox"/>
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.	<input type="checkbox"/>
<b>Nozzle kits for wet jet unit</b>									
Nozzle kit for wet jet unit 045	3	2.637-901.0	45					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.	<input type="checkbox"/>
<b>Boron carbide nozzle</b>									
Boron carbide nozzle, for machines up to 1,000 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 the scope of supply. □ Available accessories. ▲ Extension hose.



# HDS-E 8/16-4 M 24KW

## 1.030-260.0



		Order no.					Price	Description	
<b>Attachment kit for transport</b>									
Crane loading attachment kit for HDS Middle and Super Class	1	2.642-424.0						Effortless loading by crane.	<input type="checkbox"/>
Transport eyelet attachment kit	2	2.644-053.0						Robust transport eyelet attachment kit for the secure fixing of HDS Medium and Super Class pressure washers during transport.	<input type="checkbox"/>

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.

# HDS-E 8/16-4 M 24KW

## 1.030-260.0

**KÄRCHER**



		Order no.	Length	Diameter			Price	Description	
<b>Geka coupling</b>									
Geka connector with hose barb, R 1/2"	1	6.388-461.0						with hose liner	<input type="checkbox"/>
Geka connector with hose barb, R 3/4"	2	6.388-455.0							<input type="checkbox"/>
Geka connector with hose barb, R 1"	3	6.388-465.0						with hose barb	<input type="checkbox"/>
<b>Suction filter</b>									
Water suction filter	4	6.414-956.0						Suitable for ponds, storage tanks or similar, polyamide filter casing, stainless steel strainer, 800 µm mesh, R 3/4" and R 1" connection, without non-return valve	<input type="checkbox"/>
Suction filter with check valve	5	4.730-012.0						Brass suction filter suitable for ponds, storage tanks, etc. With check valve.	<input type="checkbox"/>
<b>Water fine filter</b>									
Water fine filter, with adapter	6	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	7	4.440-038.0	7.5 m					NW 13 R1" / R 3/4", up to 30 °C	<input type="checkbox"/>
	8	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	9	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 the scope of supply. □ Available accessories. ▲ Extension hose.

# HDS-E 8/16-4 M 24KW

## 1.030-260.0



		Order no.	Flow rate				Price	Description	
<b>Push-on washing brush</b>									
Push-on wash brush	1	4.762-016.0						For general-purpose cleaning of all surfaces. Clamps directly onto the spray lance. Connection M 18 x 1.5	<input type="checkbox"/>
<b>Rotating washing brush</b>									
Rotating wash brush for < 800 l/h machines, nylon bristles	2	4.762-561.0	500-800 l/h					The rotating wash brush gently removes fine dust and traffic film from all surfaces. 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	4.762-560.0	500-800 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"/>

■ Included in the scope of supply. □ Available accessories. ▲ Extension hose.