



Unheated high-pressure cleaners for universal commercial use in the food sector.



2-3 h



AVS



SERVO CONTROL



AUTO SHUTDOWN

1 Cage version

- Non-rusting stainless steel panels.
- Protection for all components.

2 Pump kit

- 4-pole electric motor with three-piston axial pump.
- Ceramic pistons.

3 Pump kit

- 4-pole electric motor with three-piston axial pump.
- Ceramic pistons.

4 Complies with the most rigorous hygiene requirements

- Non-rusting stainless steel panels.
- All parts in contact with water are made from special food-safe brass.



HD 10/15-4 Cage Food

- Grease-resistant high-pressure hose
- High-end spray attachment
- Two cleaning agent tanks with clear rinse function

Technical data

Order no.	1.524-232.0	
EAN code	4039784732513	
Supply voltage	Ph / V / Hz	3 / 400 / 50
Flow rate	l/h	440-990
Working pressure	bar / MPa	20-145 / 2-14.5
Working pressure	PSI	290290 / 2100
Max. pressure	bar / MPa	175 / 17.5
Max. water inlet temperature	°C	85
Connection load	kW	6.4
Weight	kg	68
Dimensions (L × W × H)	mm	650 × 521 × 1100

Equipment

Spray gun	Industrial trigger gun	
Pressure hose	m	10 / Food industry version
Spray lance	mm	1050
Power nozzle	■	
Anti-twist system	■	
Pressure cut-off	■	
Enclosed tubular frame construction with integrated crane attachment point	■	
Servo Control	■	

■ Included in delivery.

Accessories for HD 10/15-4 Cage Food 1.524-232.0



		Order no.	ID	Max. working pressure	Length	Price	Description	
Longlife food design with screw connections at both ends								
High-pressure hose food industry 400 bar, 20 m, ID 8, including rotary coupling	1	6.391-887.0	ID 8	400 bar	20 m		Longlife HP hose for use in the food industry. Außendecke## animal-grease-resistant, non-colour-bleeding material. With rotary coupling, 2 x M 22 x 1,5	▲
High pressure hose food ID 8, 10 m	2	6.391-864.0	ID 8	400 bar	10 m			■
Special hoses								
High-pressure hose 1.5 m, ID 8, including connectors, outlet bend	3	6.388-886.0	ID 8	400 bar	1.5 m			□

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

Accessories for HD 10/15-4 Cage Food 1.524-232.0



		Order no.	Flow rate				Price	Description	
Servo control									
Servo control, stainless steel version	1	4.775-800.0	750-1100 l/h						■
Trigger guns									
High-end HP Food trigger gun	2	4.775-825.0							■
High-end HP trigger gun	3	4.775-823.0							□
Quick connect									
Quick coupling	4	6.401-458.0						For quick change of different spray lances and accessories. Optimum adaption to Kärcher accessories, especially for connection between trigger gun and spray lance. With M22 x 1,5 female.	□
Male coupling	5	6.401-459.0						Hardened stainless steel nipple for quick coupling 6.401-458. With M22 x 1,5 male.	□

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

Accessories for HD 10/15-4 Cage Food 1.524-232.0



		Order no.	Nozzle size				Price	Description	
Power nozzle spray angle 25°									
Power nozzle spray angle 25°	1	2.883-403.0	65					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°	2	2.884-526.0	75					Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.	■
HP nozzle spray angle 0°									
High-pressure nozzle with 0° spray angle	3	2.884-537.0	60					Solid jet for very stubborn dirt and stains.	□
Power nozzle spray angle 15°									
Power nozzle spray angle 15°	4	2.883-392.0	70					Fan jet nozzle with 15° spray angle suitable for stubborn dirt.	□

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

Accessories for HD 10/15-4 Cage Food 1.524-232.0

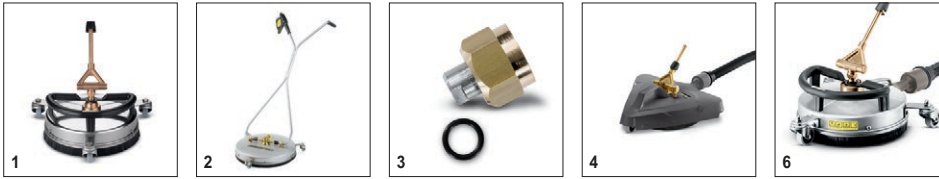
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		Order no.	Max. working pressure	Length		Price	Description	
Rotating spray lances								
Spray lance, grey, 1050 mm, rotatable	1	4.760-655.0	300 bar	1050 mm			1050 mm grey, rotatable food-grade lance for use in the food industry. All parts coming into contact with water are food safe.	■
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.	□
850 mm spray pipe, rotatable	3	4.760-663.0	300 bar	850 mm			850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.	□
1050 mm spray pipe, rotatable	4	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.	□
1550 mm spray pipe, rotatable	5	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	6	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.	□
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								
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.	□
Flexible spray lance								
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.	□
Undercarriage spray lance								
Underbody lance	10	4.760-245.0		700 mm			Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.	□
Spray lances								
Vibrasoft lance	11	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.	□
Spray lance								
250 mm lance, non-rotatable	12	4.760-667.0		250 mm			250 mm stainless steel lance. With manual coupling. Non-rotatable.	□
Telescopic spray lance								
Telescopic spray lance	13	6.394-690.0	225 bar					□
Strap for telescopic spray pipe	14	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	15	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.	□

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

Accessories for HD 10/15-4 Cage Food 1.524-232.0

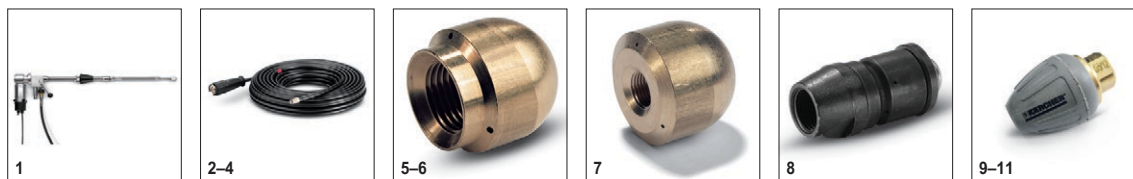


		Order no.	Flow rate	Nozzle size	Diameter	Price	Description	
FR 30 Me surface cleaner								
Hard surface cleaner FR 30 Me	1	2.640-355.0			300 mm		Hot water resistant stainless steel surface cleaner with double ceramic bearings, non-marking swivel castors and suction hose connection. Ideal for indoor cleaning, e.g. food industry.	<input type="checkbox"/>
Hard surface cleaner FR 50								
Hard surface cleaner FR 50	2	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"/>
Machine-specific nozzle kits for FR								
Nozzle kit for surface cleaners	3	2.640-442.0	850–1100 l/h				Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (850 to 1100 l/h).	<input type="checkbox"/>
Hard surface cleaner FRV 30								
FRV 30 surface cleaner	4	2.642-999.0						<input type="checkbox"/>
Rubber lip for FRV 30	5	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"/>
FRV 30 Me surface cleaner								
FRV 30 Me	6	2.642-911.0						<input type="checkbox"/>

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

Accessories for HD 10/15-4 Cage Food 1.524-232.0

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		Order no.	Max. working pressure	Nozzle size	Diameter	Price	Description	
Barrel and tank cleaning								
Barrel cleaner BC 14/12	1	2.641-740.0	120 bar				The BC 14/12 is an spray system for the efficient interior cleaning of containers and barrels, specially oak barrels with a volume of between 225 and 600 litres. One cleaning cycle is completed within 36 seconds and every spot in the container is covered by a water jet. After cleaning is finished the BC 14/12 can easily and conveniently take up the dirty water. The transformer included with the BC 14/12 makes it possible to use it worldwide (110 - 240 V, 50 - 60 Hz). The nozzle kits included make possible use with high-pressure cleaners with a water volume of 600 to 1400 l/h. Electrical components are protected in accordance with IP 55.	<input type="checkbox"/>
Pipe cleaning hose, ID 6								
Pipe cleaning hose, DN 6, 20 m, max. 120 bar	2	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	3	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	4	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"/>
Pipe cleaning nozzle								
Pipe cleaning nozzle	5	5.763-019.0		65	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"/>
	6	5.763-020.0		65	16 mm			<input type="checkbox"/>
	7	5.763-021.0		70	30 mm		30 mm pipe cleaning nozzle with internal thread. Various jet directions for environmentally-friendly cleaning of blocked drains and pipes.	<input type="checkbox"/>
Rotating pipe cleaning nozzle	8	6.415-440.0		65	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"/>
Pipe cleaning dirt blaster D 25 / 060	9	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	10	6.415-947.0		60	30 mm			<input type="checkbox"/>
Pipe cleaning dirt blaster D 35 / 060	11	6.415-949.0		60	35 mm			<input type="checkbox"/>

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

Accessories for HD 10/15-4 Cage Food 1.524-232.0



		Order no.	Max. working pressure	Nozzle size		Price	Description	
Triple nozzles								
Triple jet nozzle 060	1	4.767-157.0	300 bar	60			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.	<input type="checkbox"/>
Triple nozzle, touchless changeover								
Triple nozzle, touchless changeover	2	4.767-067.0		60			Triple nozzle with high-pressure pencil jet, high pressure fan jet (25°) with power nozzle and low-pressure fan jet (40°). Fast and easy jet changeover by turning the nozzle.	<input type="checkbox"/>
Dirt blaster, large								
Dirt blaster	3	4.763-254.0	300 bar	70			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"/>
Dirt blaster – with changeover to low pressure cleaning agent intake								
Dirt blaster - with changeover to low pressure cleaning agent intake	4	4.763-952.0	300 bar	70			Dirt blaster – rotating pencil jet – 10x cleaning power. Ceramic nozzle and bearing ring for long service life. Changeover to detergent intake (low pressure) max. 300 bar/30 MPa, 85 °C	<input type="checkbox"/>
Dirt blaster with changeover to fan jet								
Dirt blaster with changeover to fan jet	5	4.763-958.0	300 bar	70			Dirt blaster – rotating pencil jet – 10x cleaning power. Ceramic nozzle and bearing ring for long service life. Changeover to high-pressure fan jet max. 300 bar/30 MPa, 85 °C	<input type="checkbox"/>

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

Accessories for HD 10/15-4 Cage Food 1.524-232.0



		Order no.	Nozzle size				Price	Description	
Wet blasting attachment (without 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.	<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"/>
Nozzle kits for wet jet unit									
Nozzle kits for wet jet unit 065	3	2.637-905.0	65					Consisting of wet-blasting nozzle and nozzle insert, only for use with wet-blasting attachment 4762-010/-022	<input type="checkbox"/>
Boron carbide nozzle									
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 delivery. □ Available accessories. ▲ Extension hose.

Accessories for HD 10/15-4 Cage Food 1.524-232.0

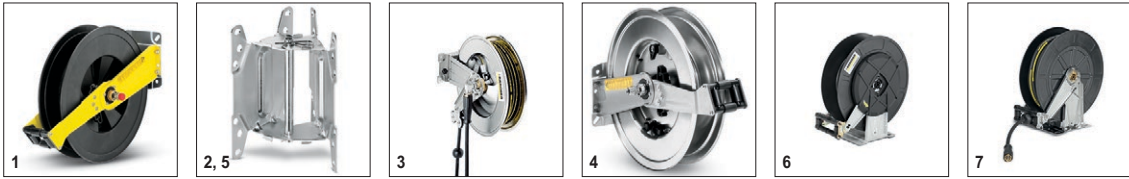
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		Order no.	Flow rate				Price	Description	
Cup foam lance									
Cup foam lance	1	6.394-668.0	1200 l/h					Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.	<input type="checkbox"/>
1-litre cleaning agent container for foam lance	2	6.414-954.0							<input type="checkbox"/>
Inno Foam Kit									
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"/>
Easy Foam Set									
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"/>
Nozzle kits for Inno/Easy Foam Set									
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"/>
Foam nozzle mounting kit									
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 delivery. □ Available accessories. ▲ Extension hose.

Accessories for HD 10/15-4 Cage Food 1.524-232.0



		Order no.	Length					Price	Description
Automatic, self-winding hose reels									
Automatic hose reel, coated	1	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"/>
Powder-coated swivel holder	2	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"/>
Automatic hose reel, stainless steel, includes swivel holder	3	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	4	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"/>
ABS pivoting stainless steel wall bracket	5	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	6	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	7	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"/>

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

Accessories for HD 10/15-4 Cage Food 1.524-232.0



		Order no.	Flow rate				Price	Description	
Push-on washing brush									
Push-on washing brush	1	4.762-016.0						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 washing brush for > 800 l/h machines	2	4.762-559.0	900-1300 l/h						<input type="checkbox"/>
	3	4.762-562.0	900-1300 l/h						<input type="checkbox"/>

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

Accessories for HD 10/15-4 Cage Food 1.524-232.0

		Order no.					Price	Description	
Chemical take up set									
Chemical take up set	1	2.641-944.0							<input type="checkbox"/>
Foam lance holder set									
Foam lance holder set	2	2.641-947.0							<input type="checkbox"/>

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

Accessories for HD 10/15-4 Cage Food 1.524-232.0



		Order no.	Length	Diameter			Price	Description	
Suction filter									
Water suction filter	1	6.414-956.0							<input type="checkbox"/>

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