

Hot water compact class

HDS 698 C Eco *EU



The economic 3-phase-unit of the compact hot water high-pressure cleaners. Very user-friendly by one-button-operation, chassis with integrated tanks and hose and accessory stowage. Easy Press trigger gun with soft grip inlay and Servo Control.

Standard accessories:

- Trigger gun Easy Press
- Trigger gun with soft grip
- High-pressure hose 10 m
- Spray lance 1050 mm
- Power nozzle
- SDS system
- Anti-twist system (AVS)
- Pressure switch control
- Integral fuel and detergent tank
- Servo-Control



Order no.: 1.173-601.0

Technical data

Power supply (Ph/V/Hz)	3/400/50
Water flow rate (l/h)	300-650
Pressure (bar/MPa)	30-160/3-16
Max. temperature (°C)	max. 155-max. 80
Connected load (kW)	4.5
Consumption fuel oil (kg/h)	4.3
Fuel tank (l)	16
Weight (kg)	94
Dimensions (L x W x H) (mm)	940x600x740
Detergent tank (l)	8

Details

Description

The main benefits of the compact class of hot water high-pressure cleaners are their low weight, compact dimensions and the ease with which they can be loaded and transported. They fit easily in a station wagon for transportation from one location to the next. Thanks to their compact size, these units take up a minimum of storage space when they are not in use. Large diameter wheels and a castor as well as ergonomically shaped push/pull handles ensure excellent manoeuvrability and mobility, even on difficult surfaces.

The three-piston axial high-pressure pump has hardened stainless-steel pistons and a brass cylinder head. A pressure switch shuts down the unit automatically when the trigger gun is closed. This relieves the load on components and prolongs their service lives.

High-pressure pump, burner fan and heating oil pump are driven by an electric motor and are combined to form a drive module. This principle not only ensures a very compact assembly and a high power output, it also makes the units exceptionally reliable.

The characteristics of the time-proven Kärcher boiler design are high performance in a minimum of space while ensuring full compliance with the statutory emission limits.

A chassis made of high-grade plastics and a hinged plastic machine cover protect the units from damage and the weather.

User convenience is increased by the central switch as well as the holders for the hose, spray lance and small accessories.

Technical Description:

Three-phase unit with air-cooled two-pole electric motor. Three-piston axial pump with hardened stainless-steel pistons. Chemical feed in high-pressure mode.

Application

Cleaning vehicles and workshop in small industrial businesses

For painters who occasionally do facade cleaning

General cleaning tasks in small industrial businesses and farms

Features & Benefits

Control panel

One-switch-control for on/off, hot and cold water operation and temperature adjustment LED indicators show status of the most important machine function

Easy press

Trigger gun with soft grip inlay, with reduced trigger and holding force

Flue gas temperature monitoring

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The flue gas temperature limiter installed in the outlet switches off the drive motor if the flue gas temperature exceeds 300°C and thus ensures additional operator safety.

Plastic chassis with integrated 16 l fuel oil tank and 8 l detergent tank

Multifunctional, corrosion-proof, impact-resistant and shock-proof Chassis with integrated hose and accessory storage

Servo Control

Precise adjustment of working pressure and water flow on the trigger gun

Soft damping system (SDS)

reduces pulsations in the machine's high-pressure components increases the service life of all high-pressure components minimises vibrations

Stowage compartment

Gloves, tools and accessories can be safely accommodated under the machine cover

Accessories

Adapter

Adapter M22 - Swivel

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.

Order no. 4.424-004.0



Adapter for variable pressure spray lance

Adapter for variable pressure spray lance

For items 4.760-230 and 4.760-362 for mounting accessories to lance, M 24/18 x 1.5

Order no. 4.762-075.0



Angular spray lance

WC and gutter lance

Stainless steel lance WC and gutter with nozzle insert. Specially shaped for effective and hygienic cleaning of gutters and toilets.

Order no. 4.760-073.0



Automatic, self-winding hose reels

Hose reel, automatic, 20 m, painted

Automatic hose reel of durable plastic. Painted steel bracket. Suitable for 20 m high-pressure hose.

Order no. 2.639-919.0



Automatic, self-winding hose reels

Swivel holder

Swivel holder for automatic hose reel wall mounting. For maximum action radius and flexibility of high-pressure hose. Rotatable 120°. Galvanised steel.

Order no. 2.639-931.0



Hose reel, automatic, 20 m, stainless steel

Automatic stainless steel hose reel. With swivel holder. Suitable for 20 m high-pressure hose.

Order no. 6.391-421.0



ABS hose reel stainless steel

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.

Order no. 2.641-866.0



ABS wall fastening stainless steel

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.

Order no. 2.641-867.0



Boron carbide nozzle

Boron carbide nozzle, for machines as of 1000 l/h

In addition to nozzle packs. Very wear-resistant nozzle with boron carbide chuck for continuous-duty operation.

Order no. 6.415-084.0



Connector

Nozzle connector/screw connector

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.

Order no. 4.402-022.0



Coupling

Double connector

Brass double connector for connecting and extending high-pressure hoses. With rubber protection. Connector: 2x M 22 x 1.5 m.

Order no. 4.403-002.0



Cup foam lance

Cup foam lance

Short, handy foam lance with adjustable spray angle with 1 litre detergent tank. Ideal for cleaning cars due to its compact design.

Order no. 6.394-668.0



Tank 1L

Order no. 6.414-954.0



Dirt blaster - changeover to fan jet

Dirt blaster - changeover to fan jet

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

Order no. 4.763-956.0



Dirt blaster – changeover to low pressure cleaning agent intake

Dirt blaster - changeover to low pressure cleaning agent intake

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

Order no. 4.763-950.0



Dirt blaster – non-changeover

Dirt blaster - without changeover function

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.

Order no. 4.763-252.0



Doppelstrahlrohr

Double lance 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).

Order no. 6.394-665.0



Easy Foam Set

Easy foam set

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.

Order no. 2.640-693.0



Easy Press high-pressure gun with holding power reduction (Kärcher patent)

Easy press high-pressure trigger gun with softgrip

Easy press high-pressure trigger gun with softgrip. For high-pressure hoses DN 6 and DN 8 with 11 mm swivel diameter.

Order no. 4.775-463.0



Fass- und Behälterreinigung

Barrel cleaner

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.

Order no. 2.641-740.0



Fine-mesh water filter

Fine-mesh water filter with adapter

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".

Order no. 4.730-102.0



Flexible spray lance

Flexible lance 1050 mm

1050 mm flexible lance with variable bend from 20° to 140°, ideal for cleaning difficult to reach areas, e.g. gutters.

Order no. 6.394-654.0



Flue pipe

Flue gas adapter

Flue gas adapter with draught damper for flue pipe connection (adapter for HDS burners for connection to a stack system).

Order no. 4.656-149.0



Flue gas adapter

Flue gas adapter with draught damper for flue pipe connection (adapter for HDS burners for connection to a stack system).

Order no. 4.656-080.0



Foam nozzle mounting kit

Foam nozzle kit

Foaming agent kit. The foam nozzle is ideal for use in sanitary areas and the food industry and wherever long application times are necessary.

Order no. 2.637-926.0



Food industry version

High-pressure hose 15 m DN 6, AVS trigger gun connector 11 mm, suitable for food industry, grey

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.

Order no. 6.391-654.0



Geka coupling

Geka coupling with hose liner, R 1/2" with hose liner

Order no. 6.388-461.0



Geka coupling

Geka coupling with hose liner, R 3/4"
with hose liner

Order no. 6.388-455.0



Geka coupling with female thread, R 1"
with female thread

Order no. 6.388-458.0



Geka coupling with hose liner, 1"

Order no. 6.388-465.0



Hard surface cleaner FR 30 ME

FR 30 ME surface cleaner

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.

Order no. 2.640-355.0



Hard surface cleaner FRV 30

FR Venturion

With the integrated, automatic suction of the waste water the FRV 30 allows more efficient surface cleaning for indoor and outdoor usage. The inconvenient flushing of the surface after cleaning is not necessary anymore because the waste water can be drained off well-directed through the included 5m suction hose. Non-marking wheels and ceramic bearings are further quality features. Machine specific nozzle kit has to be ordered separately. Max. 250 bar / 1000 l/h / 60°C.

Order no. 2.642-169.0



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Hard surface cleaner FRV 30

Nozzle kit 040 - for FRV 30

Kärcher FRV 30 nozzle kit includes power nozzles and venturi nozzle for optimal cleaning performance. Special fitting tool included.

Order no. 2.642-431.0



Extension hose 5 m

5m extension hose for FRV 30. Connection sleeve included.

Order no. 4.440-939.0



HKF 50 spray head, brass

HKF 50 spray head , brass

Depth of immersion 850 mm. Interior cleaning head for barrels and containers with bungholes of 50 mm and more. Can be directly connected to the high-pressure cleaner. Electric motor drive. Operation is possible both vertically and horizontally

Order no. 3.631-039.0



HKF 50 spray head, stainless steel

Spray head HKF 50, stainless steel

Motor-driven interior cleaning head for the industrial container cleaning of small barrels (barrels of 200 - 500 l)

Order no. 3.631-009.0



Hose reel add-on kit

Hose reel kit for HDS compact class

Hose reel kit for mounting on unit. The perfect solution for safe and space-saving high-pressure hose storage.

Order no. 2.639-473.0



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HP detergent injector

Detergent injector for high pressure

Cleaning agent dosage at high pressure 3 - 5 %

Order no. 3.637-170.0



Detergent injector for high and low pressure (without nozzles)

Detergent injector for independent high and low pressure dosage. Maximum dosage about 15%.

Order no. 3.637-001.0



HP nozzle spray angle 0°

High-pressure nozzle with 0° spray angle

High-pressure nozzle with powerful jet for extremely stubborn dirt.

Order no. 2.884-533.0



Inno Foam Set

Inno foam kit

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.

Order no. 2.640-692.0



Longlife 400

High pressure hose DN 6, 10 m, Longlife

With patented AVS connection in the trigger gun (pivot-mounted).

Order no. 6.391-882.0



Longlife 400 with unions on both sides

High-pressure hose 1.5 m, DN 8, including connectors

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).

Order no. 6.390-178.0



Longlife food industry version

High-pressure hose Longlife 400, 15 m, DN 6, AVS trigger gun connection

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)

Order no. 6.391-888.0



Machine-specific nozzle kit for HSC##

Nozzle kit for surface cleaners (type-specific) 650 - 850 l/h

Nozzle kit includes power nozzles and unions. For Kärcher surface cleaners (650 to 850 l/h).

Order no. 2.639-187.0



Machine-specific nozzle kit with order no. 3.637-170

Machine-specific nozzle kit for order no. 3.637-170 HDS 500-700 l/h

For HDS 500 - 700 l/h. Consists of nozzle insert + HP power nozzle + union

Order no. 4.769-046.0



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Nozzle insert with order no. 3.637-001

Nozzle insert for Order No. 3.637-001, high-pressure for machines up to 1100 l/h.

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.

Order no. 4.769-003.0



Nozzle insert to order no. 3.637-001, Low pressure for machines up to 1100 l/h

For low pressure with machines up to 1.100 l/h

Order no. 4.769-001.0



Nozzle kit for HKF 50 spray head (3.631-009.0 / 3.631-039.0)

Nozzle 030 for dual nozzle operation HKF 50

Nozzle for dual-nozzle operation

Order no. 6.415-444.0



Cone for plugging into bungholes

Cone for plugging into bungholes

Order no. 4.132-002.0



Double handle for exact control of the spray head

Double handle. Precise control of the spray head

Order no. 2.863-036.0



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Nozzle kit for HKF 50 spray head (3.631-009.0 / 3.631-039.0)

Screw plug for using a spray head with one nozzle

Screw plug for using a spray head with one nozzle

Order no. 5.411-061.0



Nozzle kits for Inno/Easy Foam Set

Nozzle kit 060 for Inno/Easy Set 600 - 700 l/h

Optimal adaptation to different machine outputs for economic use.

Order no. 2.640-687.0



Nozzle pack for wet blasting attachment

Nozzle kit for wet blasting attachment 040

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.

Order no. 2.637-900.0



Nozzle protector for steam nozzle

Nozzle protector (rubber)

Nozzle protector for steam nozzles 4.766-023 and 4.766-024.

Order no. 5.394-059.0



Nozzle union

Nozzle connector

For protecting and connecting Kärcher power nozzles to spray lances (M 18 x 1.5 IG).

Order no. 5.401-210.0



Pipe cleaning hose, ID 6

Pipe cleaning hose

20 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).

Order no. 6.390-028.0



Pipe cleaning hose, DN 6, 30 m

30 m flexible high-pressure hose (DN 6) for cleaning pipes (threaded connection for R 1/8 nozzle).

Order no. 6.390-029.0



Pipe cleaning nozzle

Rotating pipe cleaning nozzle

Rotating pipe cleaning nozzle with internal thread and four rotating jets for environmentally-friendly cleaning of blocked drains and pipes.

Order no. 6.415-428.0



Power nozzle spray angle 15°

Power nozzle 15° spray angle

Fan jet nozzle with 15° spray angle suitable for stubborn dirt.

Order no. 2.883-388.0



Power nozzle spray angle 25°

Power nozzle 25° spray angle

Fan jet nozzle with 25° spray angle, suitable for large areas and removing stubborn dirt and stains.

Order no. 2.883-397.0



Power nozzle spray angle 40°

Power nozzle 40° spray angle

Power nozzle with a 40° spray angle and fan jet, suitable for large areas and sensitive surfaces.

Order no. 2.884-522.0



Push-on washing brush

Push-on wash brush, M 18 x 1.5

Push-on wash brush for universal use. Simply push on to lance. Connector: M 18 x 1.6.

Order no. 4.762-016.0



Quick connect

Quick coupling

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.

Order no. 6.401-458.0



Plug nipple

Hardened stainless steel nipple for quick coupling 6.401-458. With M22 x 1,5 male.

Order no. 6.401-459.0



Rinnenreiniger

Gutter cleaning lance

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.

Order no. 2.642-305.0



Rollover nozzle holder

Rollover nozzle holder

Rollover nozzle holder for contactless changeover from pencil jet to fan jet as well as low-pressure detergent injection via knurled nut. Without nozzle insert. (Additional type-specific power nozzle).

Order no. 4.764-012.0



Rotary coupling

Rotary coupling

Reliably prevents high-pressure hose twisting. Connection M 22 x 1.5 m. protector

Order no. 4.401-076.0



Rotary coupling

Kärcher rotary coupling prevents twisting and kinking of high-pressure hoses for ease of use. Connector M 22 x 1.5 m. With grip protection.

Order no. 4.401-091.0



Rotating spray lances

1050 mm lance, rotatable, ergonomic

1050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.

Order no. 4.760-660.0



Rotating spray lances

Rotatable lance, 600 mm, ergonomic

600 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.

Order no. 4.760-664.0



Lance 850 mm, rotatable, ergonomic

850 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.

Order no. 4.760-663.0



Lance 1550 mm, rotatable, ergonomic

1550 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.

Order no. 4.760-661.0



Lance 2050 mm, rotatable, ergonomic

2050 mm stainless steel lance (manual coupling) with ergonomic handle for ease of use and protection. Rotatable 360° under pressure.

Order no. 4.760-662.0



Rotating washing brush

Rotating washing brush for 800 l/h high-pressure cleaners

The rotating wash brush driven by the water jet is suitable for $> 800 \text{ l/h}$ high-pressure cleaners; gently and effectively removes fine dust and grime from all surfaces.

Order no. 4.762-284.0



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Rotating washing brush

Rotating washing brush for $\geq 800\text{ l/h}$ high-pressure cleaners

The rotating wash brush driven by the water jet is suitable for $> 800\text{ l/h}$ high-pressure cleaners; gently and effectively removes fine dust and grime from all surfaces.

Order no. 4.762-288.0



Servo Control

Servo control

Servo control for water flow and pressure control ($< 750\text{ l/h}$) on trigger gun.

Order no. 4.775-526.0



Shut-off cock

Shut-off valve

Shut-off valve for ease of use and convenient control of the pipe cleaning hose via convenient on/off function. Connects to the high-pressure cleaner (M 22 x 1.6).

Order no. 4.580-160.0



Spacer (including nozzle union)

Spacer (incl. nozzle union)

Guarantees constant safety clearance, e.g. for tyres and bodywork. Helps prevent damage to sensitive surfaces. Mounts directly to lance.

Order no. 5.394-294.0



Special hoses

High-pressure hose, 1.5 m DN 8, connection to hose reel

Order no. 6.388-886.0



Spray lance

Lance 250 mm, non-rotatable

250 mm stainless steel lance. With manual coupling. Non-rotatable.

Order no. 4.760-667.0



standard

High-pressure hose, 10 m DN 6, AVS trigger gun connector

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.

Order no. 6.391-238.0



HD-Schlauch DN 6, 15m

Order no. 6.391-394.0



High-pressure hose, 10 m DN 8, AVS trigger gun connector

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.

Order no. 6.390-025.0



standard

High-pressure hose, 15 m DN 8, AVS trigger gun connector

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.

Order no. 6.390-185.0



High-pressure hose, 20 m DN 8, AVS trigger gun connector

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.

Order no. 6.390-171.0



High-pressure hose, 10 m, DN 6, 300 bar, AVS trigger gun connection

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

Order no. 6.391-875.0



Steam nozzle

Steam nozzle only for replacement 40045

Order no. 2.885-046.0



Steam jet nozzle

Steam jet nozzle with 50°fan jet. For cleaning and thawing in steam stage. For thawing sand and gravel, de-icing formwork material or de-waxing vehicles.

Order no. 4.766-023.0



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Suction filter

Suction filter with check valve

Brass suction filter suitable for ponds, storage tanks, etc. With check valve.

Order no. 4.730-012.0



Suction filter without non-return valve

Without non-return valve, brass

Order no. 4.730-019.0



Water filter

Order no. 6.414-956.0



Telescopic spray lance

Telescopic jet pipe

Order no. 6.394-690.0



Trigger guns

High end high-pressure trigger gun

Robust, professional trigger gun made of food-grade and seawater resistant materials. With optimised flow for low pressure loss at water flow rates of up to 2500 l/h.

Order no. 4.775-823.0



Undercarriage spray lance

Underbody lance

Stainless steel lance for effective and easy underbody and wheel arch cleaning. Without high-pressure nozzle.

Order no. 4.760-245.0



Variable pressure spray lance

Variable pressure spray lance

670 mm variable pressure lance with integrated pressure gauge. Variable pressure adjustment on the handle. Nozzle connector: M 24 x 1.5. Low pressure detergent application.

Order no. 4.760-362.0



Variable pressure lance

1040 mm pressure adjustable lance with integrated pressure gauge. Variable pressure adjustment on the handle. Nozzle connector: M 24 x 1.5. Low pressure detergent application.

Order no. 4.760-230.0



Water supply hose

Water supply hose

NW 13 R1" / R 3/4", up to 30 °C

Order no. 4.440-038.0



Water supply hose

NW 19 R1" / R 3/4", up to 85 °C, for pick-up

Order no. 4.440-207.0



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Water supply hose

Water supply hose

NW 19 R1" / R1", up to 85 °C

Order no. 4.440-270.0



Wet blasting attachment (without nozzle)

Wet blasting attachment with flow control (without nozzles)

Paint, rust and scale removal made easy: Kärcher wet blasting attachment with flow control for adding blasting abrasive to the high-pressure jet.

Order no. 4.762-010.0



Wet blasting attachment without flow control (nozzles not included)

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.

Order no. 4.762-022.0

