

Hot water compact class

HDS 551 C Eco *EU



Competitively priced hot water high pressure cleaner of the compact class. Very user-friendly by one-button-operation, chassis with integrated tanks, hose and accessory stowage.

Standard accessories:

- Trigger gun verl. Easy Press
- Trigger gun with soft grip 1
- High-pressure hose 10 m
- Spray lance 550 mm
- Power nozzle 1
- Anti-twist system (AVS) 1
- Pressure switch control 1
- Stainless steel spray lance 550 mm
- Integral fuel and detergent tank 1



Order no.: 1.169-601.0

Technical data

Number of current phases (Ph)	1
Frequency (Hz)	50
Voltage (V)	230
Water flow rate (l/h)	550
Pressure (bar /MPa)	140/14
Max. temperature (°C)	max. 80
Connected load (kW)	3.2
Consumption fuel oil (kg/h)	3
Fuel tank (l)	16
Weight (kg)	80
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: Single-phase unit with air-cooled two-pole electric motor. Three-piston axial pump with hardened stainless-steel pistons. Chemical feed in low-pressure mode.

Application

Cleaning vehicles and workshops in small industrial businesses For painters who occasionally do facade cleaning General cleaning tasks in small industrial businesses

Features & Benefits

Flue gas temperature monitoring The flue gas temperature limiter installed in the chimney switches off the drive motor if the flue gas temperature exceeds 300 °C and thus ensures additional operator safety. Trigger gun Extended Easy Press trigger gun with soft grip inlay and reduced trigger and holding force Control panel Single knob control for on/off, hot and cold water operation and temperature adjustment LED indicator show the status of the most important machine function Storage compartment Gloves, tools and accessories can be safely accommodated under the machine cover 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.

Accessories

Angular spray lance

Bathroom and eaves gitter spray lance

With nozzle. Specially shaped for cleaning of eaves gutters and for hygienically cleaning WCs. Stainless steel.

Order no. 4.760-073.0



Automatic, self-winding hose reels

Hose drum, automatic, 20 m, coated

Hose reel, automatic, 20 m, coated

Order no. 2.639-919.0



Swivel holder

ABS swivel holder for 2.639-919.0

Order no. 2.639-931.0



Self-winding hose reel with swivel holder, stainless steel, 20 m

Automatic hose reel with swivel holder (high-grade steel)

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



Automatic, self-winding hose reels

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



Becher-Schaumlanze

Foam lance

Short and handy foam lance with a 1-litre detergent tank directly at the lance. Due to its compact construction it is perfectly suited for foam cleaning of vehicles. Infinitely detergent dosage, swivel connection M22x1,5, adjustable jet angle.

Order no. 6.394-668.0



Tank 1L

Order no. 6.414-954.0



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 union / Screw union

For connecting HP nozzle and accessories directly to trigger gun (with nozzle union) – 1 x M 22 x 1.5 / 1 x M 18 x 1.5

Order no. 4.402-022.0



Coupling

Double pipe union

For connecting and extending HP hoses. 2 x M 22 x 1,5 connections, brass with rubber protector

Order no. 4.403-002.0



Dirt Blaster

Dirt Blaster

Dirt blaster - rotating pencil jet - 10x cleaning power. Ceramic nozzle and bearing ring for long service life. max. 180 bar/18 MPa, 60 °C

Order no. 4.767-022.0



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 - non-changeover

Dirt blaster – rotating pencil jet – 10x cleaning power. Ceramic nozzle and bearing ring for long service life. Max. 300 bar/30 MPa, 85 °C

Order no. 4.763-931.0



Doppelstrahlrohr

Double spray lance 960 mm

Infinitely adjustable control of the working pressure directly on the handle with full water quantity. Suitable above all for agriculture (e.g. cleaning stalls).

Order no. 6.394-665.0



Dreckfräser - umschaltbar auf Flachstrahl

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



Easy Foam Set

Easy Foam Set with RM injector

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. 2.640-691.0



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

Extended Easy Press trigger gun

Extended Easy Press HP trigger gun for HP hoses with swivel

Order no. 4.775-529.0



Fine-mesh water filter

Fine mesh water filter, 80 µm, R 3/4" + 1", with adapter

Mounted to machine inlet, 80 µm, with adapter R 3/4" / 1"

Order no. 4.730-102.0



Flexible spray lance

Jet pipe flexible

Infinitely variable adjustment of the angle of the spray lance from 20° - 140°.

Especially suitable for cleaning difficult-to-reach areas such as roof gutters, car roofs, undercarriages or wheel cases.

Order no. 6.394-654.0



Flue gas adapter

Flue gas adapter

with draught cut-off, for connection to flue pipe.

Order no. 4.656-058.0



Flue gas adapter

With draught cut-off for connection to flue pipe.

Order no. 4.656-066.0



Flue pipe

Connection piece, oval - round, HDS 891 ST

Adapter piece

Order no. 4.656-080.0



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Flue pipe

Abgasstutzen

Order no. 4.656-149.0



Foam nozzle mounting kit

Anbausatz Schaumdüse

For applying foam detergent in metered quantities in sanitary and food areas, or where long reaction time is necessary, mounts to spray lance in place of HP nozzle

Order no. 2.637-926.0



Food industry version

High-pressure hose food DN6 15m

Food industry version, AVS connection in the trigger gun. grey NW 6/155°C/250 bar

Order no. 6.391-654.0



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



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Geka coupling

Geka coupling with hose liner, R 1/2"

with hose liner

Order no. 6.388-461.0



Geka-Kupplung mit Schlauchleiste 1"

Order no. 6.388-465.0



Hard surface cleaner FR 30 ME

FR 30 ME hard surface cleaner

A rotating nozzle beam with Kärcher Power nozzles has an area coverage up to 10 times larger than conventional methods. Stainless steel version. Ceramic bearings. Integral vacuum connection. Machine specific nozzle kit has to be ordered separately. Max. 250 bar / 1100 l/h / 80 °C

Order no. 2.640-355.0



Hose reel add-on kit

Hose reel kit for HDS compact class

ABS hose reel for mounting on the machine. For safe and tidy stowage of high-pressure hoses (with connecting hose to machine's HP outlet). Can be rotated under pressure, with M 22 x 1.5 connection.

Order no. 2.639-473.0



HP detergent injector

Detergent injector for high and low pressure (without nozzle)

Metering of cleaning agents. Separate from the machine (high pressure and low pressure). Dosage of up to 15%

Order no. 3.637-001.0



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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



HP nozzle spray angle 0°

HP nozzle spray angle 0°

Solid jet for very stubborn dirt and stains.

Order no. 2.884-533.0



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 connecting parts

with union on both sides, M22 x 1.5 with anti-kink protection. For connecting hose reels with M22 x 1.5 union.

Order no. 6.390-178.0



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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 pack for hard surface cleaners (machine-specific) 500 - 650 l/h

Machine-specific nozzle kit Kärcher power nozzle for hard surface cleaners

Order no. 2.640-401.0



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



Nozzle insert with order no. 3.637-001

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

For high pressure with machines up to 1.100 l/h

Order no. 4.769-003.0



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Nozzle kits for Inno/Easy Foam Set

Nozzle kit 055 for Inno/Easy Set 500 - 600 l/h

Optimal adaptation to different machine outputs for economic use.

Order no. 2.640-870.0



Nozzle pack for wet blasting attachment

Nozzle pack for wet blasting attachment 035

Consisting of wet-blasting nozzle and nozzle insert, only for use with wet-blasting attachment 4762-010/-022

Order no. 2.638-526.0



Nozzle union

Nozzle union

With protector for high-pressure and Power nozzles M 18 x 1.5

Order no. 5.401-210.0



Pipe cleaning hose, ID 6

Pipe cleaning hose, NW 6, 20 m

Especially flexible high-pressure hoses for inner pipe cleaning (thread connection for nozzle R 1/8).

Order no. 6.390-028.0



Pipe cleaning hose, NW 6, 30 m

Especially flexible high-pressure hoses for inner pipe cleaning (thread connection for nozzle R 1/8).

Order no. 6.390-029.0



Pipe cleaning nozzle

Rotating pipe cleaning nozzle

With female thread, different spraying directions for environment-friendly cleaning of blocked drains and pipes. Nozzle orifices are positioned so that the nozzle pulls itself and the hose into the pipe. With R 1/8" connection to the pipe cleaning hose. 4 rotating jets

Order no. 6.415-428.0



Power nozzle spray angle 15°

Power nozzle, spray angle 15°

Fan jet nozzle for stubborn dirt and stains.

Order no. 2.883-388.0



Power nozzle spray angle 25°

Power nozzle spray angle 25°

Power nozzle

Order no. 2.883-821.0



Power nozzle spray angle 40°

Power nozzle spray angle 40°

Fan jet nozzle for large-area coverage – suitable for sensitive surfaces

Order no. 2.884-522.0



Rollover nozzle holder

Rollover nozzle holder

Changes from solid to fan jet with flick of the wrist. Knurled nut for changeover to low pressure detergent intake, without nozzles (order machine-specific Kärcher Power nozzle separately)

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



Rotating coupler

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

Order no. 4.401-091.0



Rotating spray lances

Spray lance, complete, 840 mm

Spray lance, 840 mm, swivelling, ergonomic

Order no. 4.760-560.0



Rotating washing brush

Rotary wash brush

Driven by water jet. Gently removes fine dust and traffic film from all surfaces. Temperature resistant up to 80 °C. M 18 x 1.5. (replaceable brush element)

Order no. 4.762-284.0



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Rotating washing brush

Rotating washing brush for machines <lt; 800 l/h

Driven by water jet. Gently removes fine dust and traffic film from all surfaces. Temperature resistant up to 80 °C. M 18 x 1.5. (replaceable brush element)

Order no. 4.762-288.0



Shut-off cock

Shut-off cock

Mounts to machine's high-pressure outlet. The shut-off cock simplifies handling of pipe cleaning hose using the shut-off cock's "on-off" functions which can be easily controlled on the machine.

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



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Spray lance

Spray lance, 550m, does not pivot

Stainless steel with hand screw union, does not pivot. With extended trigger guns

Order no. 4.760-356.0



Jet pipe packaged only for replacement

Order no. 4.760-665.0



Spray lance, 250 mm, does not pivot

##Stainless steel with hand screw union, does not pivot. With extended trigger guns

Order no. 4.760-058.0



Jet pipe packaged only for replacement

Order no. 4.760-667.0



standard

High-pressure hose, 10 m, DN 6, AVS gun connection Ø 11 mm

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/250 bar

Order no. 6.391-238.0



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standard

HD-Schlauch DN 6, 15m

Order no. 6.391-394.0



Starting current limiter

Starting current limiter

Reduces starting current in single-phase supply and protects line fuse.

Order no. 2.637-495.0



Suction filter

Suction filters with non-return valve

With non-return valve, brass

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



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Triple nozzle, touchless changeover

Triple nozzle, touchless changeover

Quick and convenient spray jet changeover by swivelling the nozzle. Choose from high-pressure pencil jet, high-pressure fan jet (25°), manual changeover to low pressure fan jet (40°). On machines with injector, the low-pressure fan jet is used for picking up and applying detergent. M18 x 1.5 connection.



Order no. 4.767-016.0

Triple nozzles

Triple jet nozzle 036 nur fuer Ersatz

Order no. 4.767-148.0



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



Water supply hose

NW 19 R1" / R1", up to 85 °C

Order no. 4.440-270.0



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Wet blasting attachment (without nozzle)

Wet blasting attachment with flow control (without nozzle)

Adds abrasive to high-pressure jet. For removing paint, rust, scaling. Mounts to spray lance instead of the of high-pressure nozzle. With flow control.

Order no. 4.762-010.0



Wet blasting attachment without flow control (without nozzle)

Adds abrasive to high-pressure jet. For removing paint, rust, scaling. Mounts to spray lance instead of the of high-pressure nozzle. Without flow control.

Order no. 4.762-022.0

