

Cold water middle class

HD 9/19 M Plus



Overview

Mobile coldwater high-pressure-cleaner in three phase highly equipped.

Order no. 1.524-308.0

Standard accessories

Trigger gun Easy Press, Trigger gun with soft grip, High-pressure hose 10m, Spray lance 850mm, Triple nozzle/Power nozzle Manual, Triple nozzle (0°/25°/40°) Manual, Dirt Blaster, Anti-twist system (AVS), Pressure switch control, Servo Control

Technical data

Quantity of current phase Ph	3
Frequency Hz	50
Voltage V	400
Water flow rate l/h	450-890
Pressure bar/MPa	40-185/4-18,5
Max. Water feed temperature °C	up to 60
Connected load kW	6,8
Weight kg	43,3
Dimensions (L x W x H) mm	467x407x1010

Description

High level allrounder with high rate of water flow, high comfort and new Switch-Chem-System. Are useful for all applications, where large amounts of dirt have to be cleared away.

Application

Made for cleaning tasks in building industry and allied trade, agriculture and forestry as well as industry.

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Features & Benefits

Easy-press trigger gun

With soft grip inlay, with reduced trigger and holding force

New developed 3-piston axial pump

stainless steel piston, brass cylinder head, water inlet made of brass

Servo-Control

for precise adjustment of working pressure and water flow on the trigger gun

Switch Chem System

Two way metering valve for precise and infinitely variable control of detergent feed

Vertical construction

for high mobility and superior manoeuvrability by less space to store the unit.

Absperrhahn

Shut-off cock

Order no. 4.580-160.0



Adapter für Druckregelstrahlrohr

Adapter for variable pressure spray lance

For items 9, 10, for mounting accessories to lance, M 24/18 x 1.5

Order no. 4.762-075.0



Boron carbide nozzle

Boron carbide nozzle

(In addition to nozzle packs. Very wear-resistant nozzle for continuous-duty operation.)

Order no. 6.415-084.0



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Dirt Blaster, not adjustable

Dirt Blaster, without changeover

Ceramic nozzle and bearing ring
Order no. 4.763-931.0



Easy Foam Set

Easy Foam Set

Complete, ready-to-use 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.
Order no. 2.640-691.0



Easy Press Trigger gun

Easy Press high-pressure gun with soft grip insert

Easy Press trigger gun, integral
Order no. 4.775-463.0



Fine mesh water filter

Fine mesh water filter

Mounted to machine inlet, 80 øm
Order no. 4.730-102.0



Flächenreiniger FR 30 ME

Surface cleaner, 300 mm diameter

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.
Order no. 2.640-355.0



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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



Geka coupling

Geka coupling

with hose liner

Order no. 6.388-461.0



Geka coupling

with female thread

Order no. 6.388-458.0



Geka coupling

with hose liner

Order no. 6.388-455.0



High pressure hoses

High-pressure hose

Food industry version, AVS connection in trigger gun grey ID 6/155 °C/230 bar

Order no. 6.390-445.0



High-pressure hose

With patented AVS connection in trigger gun (pivot mounted) and hand screw union. M22x1.5 with anti-kink protection ID 6/155°C/250 bar

Order no. 6.390-174.0



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High-pressure hose 20 m, DN 8, PN 200 bar

With M 22x1.5 union at both ends and anti-kink protection ID 8/155°C/315 bar
Order no. 6.390-031.0



High-pressure hose 20 m, DN 10, PN 400 bar, Longlife, extension

Longlife 400, With rotary coupling 2 x M22 x 1.5, ID 8/155°C/400 bar
Order no. 6.390-027.0



High-pressure hose 10 m, DN 10, PN 400 bar, Longlife, extension

Longlife 400, Without rotary coupling 2 x M22 x 1.5, ID 8/155°C/400 bar
Order no. 6.390-026.0



High-pressure hose

With M 22x1.5 union at both ends and anti-kink protection ID 10/155 °C/220 bar
Order no. 6.390-023.0



High-pressure hose, 15 m, DN 8, 315 bar, extension

With M 22x1.5 union at both ends and anti-kink protection ID 8/155 °C/315 bar
Order no. 6.390-010.0



High-pressure hose 10 m, DN 8, PN 315 bar, extension

With M 22x1.5 union at both ends and anti-kink protection ID 8/155°C/315 bar
Order no. 6.389-891.0



High-pressure hose, 20 m, DN 8, PN 180 bar, food version, extension

Food industry version with M 22x1.5 union at both ends, anti-kink protection, ID 8, with rotary coupling, for food industry, up to 230 bar
Order no. 6.389-581.0



High-pressure hose, 10 m, DN 8, extension, food version

Food industry version with M 22x1.5 union at both ends, anti-kink protection, ID 8, with rotary coupling, for food industry, up to 230 bar
Order no. 6.389-479.0



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High-pressure hose, 10 m, DN 8, incl. swivelling joint

Longlife 400, With rotary coupling 2 x M22 x 1.5, ID 8/155°C/400 bar
Order no. 6.388-083.0



HP detergent injector

HP detergent injector

Adds up to 5% detergent in high-pressure mode
Order no. 3.637-170.0



Inno Foam Set

Inno Foam Set

Complete, ready-to-use HP foam system for use with mobile and stationary HD/HDS units for cleaning and disinfection. Twin spray lance with foam nozzle and changeover to HP jet for clear rinsing etc., HP chemical injector with precision 0-5% metering valve.

Order no. 2.640-151.0



Installationsmaterial

Rotating joint

Reliably prevents HP hose twisting. M 22x1.5 connection with protector
Order no. 4.401-076.0



Kugeldüsenträger

Rollover nozzle holder

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

Order no. 4.764-012.0



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Kupplung

Double pipe union

For connecting and extending HP hoses. 2 x M22 x 1,5 connections, brass with rubber protector
Order no. 4.403-002.0



Machine-specific nozzle kit

Machine-specific nozzle kit

detergent injector + HP nozzle + union
Order no. 4.769-047.0



Power nozzle with union

for item 2.838-821 and 2.640-355
Order no. 2.640-442.0



Nozzle kit for HKF 50 spray head

HKF 50 spray head

Nozzle kit for items 3.631-039 and 3.631-009. 2nozzle
Order no. 6.415-444.0



HKF 50 spray head

Nozzle kit for items 3.631-039 and 3.631-009. 1 nozzle
Order no. 6.415-077.0



Screw plug

Screw plug. For operating spray head with one nozzle
Order no. 5.411-061.0



Double handle

Cone for installing unit in bungholes. Double handle, for exact control of spray head.
Order no. 4.132-002.0



Cold water middle class

HD 9/19 M Plus

Double handle

Cone for installing unit in bungholes. Double handle, for exact control of spray head

Order no. 2.863-036.0



Nozzle kits for Inno/Easy Set

Nozzle kits for Inno/Easy Set

Ideally match performance to different machine outputs for economic operation.

Order no. 2.640-688.0



Nozzle pack for wet-blasting attachment

Nozzle pack for wet-blasting attachment

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

Order no. 2.637-902.0



Pipe cleaning hose, ID 6

Pipe cleaning hose ID 6

Very flexible high-pressure hose for pipe cleaning (1/8"connection for nozzle)

Order no. 6.390-030.0



Pipe cleaning hose, ID 6

Very flexible high-pressure hose for pipe cleaning (1/8"connection for nozzle)

Order no. 6.390-029.0



Pipe cleaning hose, ID 6

Very flexible high-pressure hose for pipe cleaning (1/8"connection for nozzle)

Order no. 6.390-028.0



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Pipe cleaning nozzle

Pipe cleaning nozzle

With female thread, different spraying directions for environment-friendly cleaning of blocked drains and pipes. Nozzle orifices are positioned so that nozzle pulls itself and the hose into the pipe 4 rotating jets
Order no. 6.415-428.0



Pipe cleaning nozzle

With female thread, different spraying directions for environment-friendly cleaning of blocked drains and pipes. Nozzle orifices are positioned so that nozzle pulls itself and the hose into the pipe. 3 x 30 °backwards, € 16 mm
Order no. 5.763-019.0



Pipe cleaning nozzle

With female thread, different spraying directions for environment-friendly cleaning of blocked drains and pipes. Nozzle orifices are positioned so that nozzle pulls itself and the hose into the pipe. 1x forwards, 3x30° backwards, € 30 mm
Order no. 5.763-017.0



Pipe cleaning nozzle

With female thread, different spraying directions for environment-friendly cleaning of blocked drains and pipes. Nozzle orifices are positioned so that nozzle pulls itself and the hose into the pipe. 1x forwards, 3x30° backwards, € 16 mm
Order no. 5.763-016.0



Pipe cleaning nozzle

With female thread, different spraying directions for environment-friendly cleaning of blocked drains and pipes. Nozzle orifices are positioned so that nozzle pulls itself and the hose into the pipe. 3 x 30 °backwards, € 16 mm
Order no. 5.763-015.0



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Pivoting spray lance

Pivoting spray lance

Spray lances in various lengths, stainless steel with hand screw union.
Ergonomically shaped handle mouldings for optimum control and insulation.
Can be turned 360° under pressure.
Order no. 4.760-550.0



Spray lance, 2040 mm, rotatable

Spray lances in various lengths, stainless steel with hand screw union.
Ergonomically shaped handle mouldings for optimum control and insulation.
Can be turned 360° under pressure.
Order no. 4.760-366.0



Spray lance, 1500 mm, rotatable

Spray lances in various lengths, stainless steel with hand screw union.
Ergonomically shaped handle mouldings for optimum control and insulation.
Can be turned 360° under pressure.
Order no. 4.760-365.0



Pivoting spray lance

Spray lances in various lengths, stainless steel with hand screw union.
Ergonomically shaped handle mouldings for optimum control and insulation.
Can be turned 360° under pressure.
Order no. 4.760-364.0



Pivoting spray lance

Spray lances in various lengths, stainless steel with hand screw union.
Ergonomically shaped handle mouldings for optimum control and insulation.
Can be turned 360° under pressure.
Order no. 4.760-386.0



Push-on washing brush

Push-on washing brush

Order no. 4.762-324.0



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Rotary washing brush

Rotary washing brush

Driven by water jet. Gently removes fine dust and traffic film from all surfaces. Temperature resistant up to 85 °C. M 18 x 1.5. (replaceable brush element)
Order no. 4.762-287.0



Rotary washing brush

Driven by water jet. Gently removes fine dust and traffic film from all surfaces. Temperature resistant up to 85 °C. M 18 x 1.5. (replaceable brush element)
Order no. 4.762-283.0



Self-winding hose reel for wall mounting

Add-on kit wall fastening hose reel

Add- on kit to fasten a hose reel at the wall.
Order no. 2.639-931.0



Hose reel without hp-hose, automatic

Self-winding hose reel (without HP hose) Kärcher HD hose plug-in system
Order no. 2.639-919.0



Spray lance

Spray lance, 250 mm, fixed

Stainless steel with hand screw union, does not pivot In conjunction with extended trigger gun
Order no. 4.760-058.0



Spritzkopf HKF 50, Messing

HKF 50 spray head , brass

Reach 850 mm. Interior cleaning head for drums, barrels and tanks. For bungholes of 50 mm and more. Connects directly to high-pressure cleaner. Driven by electric motor. Operates in vertical and horizontal positions.
Order no. 3.631-039.0



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Suction filter

Suction filter

With/without non-return valve, brass
Order no. 4.730-019.0



Suction filter

With/without non-return valve, brass
Order no. 4.730-012.0



Triple nozzle , touchless changeover

Triple nozzle , touchless changeover

Fast and easy jet changeover by flicking the nozzle. Choose from high-pressure pencil jet, high-pressure fan jet and low-pressure fan jet. On machines with injector, the low-pressure is used for picking up and applying detergent. M18 x 1.5 connection.
Order no. 4.767-066.0



Unterbodenstrahlrohr

Underbody lance

Mobile. For effective and convenient cleaning of underbodies and wheel arches. Stainless steel. Without HP nozzle
Order no. 4.760-245.0



Variable pressure spray lance

Variable pressure spray lance

With integral pressure gauge for infinitely variable pressure control directly on lance. Nozzle connection M 24 x 1.5. Chemical feed in low pressure mode. Variable pressure lance and Kärcher Power nozzle.
Order no. 4.760-362.0



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Variable pressure spray lance

With integral pressure gauge for infinitely variable pressure control directly on lance. Nozzle connection M 24 x 1.5. Chemical feed in low pressure mode.

Variable pressure lance and Kärcher Power nozzle.

Order no. 4.760-230.0



Vario nozzle 0°-90°

Vario nozzle 0°-90°

High-pressure jet infinitely variable between 0° and 90° so it can be exactly matched to all types of soiling and surfaces.

Order no. 4.763-058.0



Verbindungsstück

Adapter

For connecting HP nozzles and accessories directly to trigger gun (with nozzle union) 1 x M22 x 1.5/ 1 x M18 x 1.5

Order no. 4.402-022.0



Water supply hose

Water supply hose

ID 19 R1"/R1" - up to 85°C

Order no. 4.440-270.0



Water supply hose

ID 19 R1"/R 3/4" - up to 85°C - for suction mode

Order no. 4.440-207.0



Water supply hose

ID13 R1"/R 3/4" - up to 30°C

Order no. 4.440-038.0



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WC-Strahlrohr

WC-Spray lance

With nozzle. Specially shaped for cleaning WCs. Stainless steel.

Order no. 4.760-073.0



Wet blasting attachment

Wet-blasting attachment (without nozzles)

Adds abrasive to high-pressure jet. For removing paint, rust, scale. Mounts to spray lance in place of HP nozzle. Without abrasive flow control

Order no. 4.762-022.0



Wet blasting attachment (without nozzles)

Adds abrasive to high-pressure jet. For removing paint, rust, scale. Mounts to spray lance in place of HP nozzle. With abrasive flow control

Order no. 4.762-010.0

