With combustion engine

HD 1040 B

This middle-class cold water high-pressure cleaner with petrol engine meets highest standards in quality and power.

Standard accessories:

- Trigger gun : Easy Press
- Trigger gun with soft grip
- High-pressure hose 15 m
- Spray lance 1050 mm
- Triple nozzle (0°/25°/40°) : touchless changeover
- Anti-twist system (AVS)

Order number: 1.810-970.0

Technical data

Operating pressure (bar/MPa)	10-210/1-21
Max. pressure (bar/MPa)	230/23
Water flow rate (l/h)	200-850
Max. water feed temperature (°C)	up to 60
Engine type	GX 340/petrol
Engine manufacturer	Honda
Engine performance, net.	7.1
Engine performance, gross (hp)	8/11
Weight (kg)	60
Dimensions (L x W x H) (mm)	1045x582x670

With combustion engine

HD 1040 B

Deta8ls

Description

Rugged and versatile petrol-powered cold water high-pressure cleaner which operates independent of an electricity supply.

Four-stroke air-cooled petrol engine with pull starter.

Engine and pump are installed on anti-vibration mounts in a sturdy, easily transported tubular steel frame for reliable protection against damage. Frame is powder coated to protect it against corrosion and has accessory holders to accommodate the standard accessories. Large diameter, pneumatic wheels ensure convenient mobility, even in difficult terrain.

Durable, fully enclosed three-piston axial pump with swashplate drive ensures outstanding efficiency and an extra long wear life. The pump's brass cylinder head and stainless-steel valves are designed for tough professional applications.

Safety equipment:

Safety valve reliably protects the unit against excessively high pressures. Low oil cut-out which shuts off engine automatically in the event of a low oil level. Relief valve with integral pressure and water flow control to suit different cleaning tasks. The thermal sensor on the pump's cylinder head shuts down the engine automatically if the temperature exceeds a certain limit when the trigger gun closed.

Infinitely variable detergent metering valve ensures precise and economic detergent feed in low pressure mode. It is set by rotating the triple nozzle, which has two additional jets, i.e. a high-pressure pencil jet and a high-pressure 25° fan jet.

Application

High-pressure cleaner for full-force professional cleaning operations.

Ideal for the cleaning tasks of painters, plasterers, facade cleaners, building contractors, farmers and the forestry industry and local governments.

Features & Benefits

Drive:

Air-cooled 8.1 kW/11 HP four-stroke petrol engine (HONDA), pull start

Easy to start, high preformance, self-sufficient mobility

High-pressure pump:

Brass cylinder head with suction and pressure valves from high-grade steel

Long service life, allows use of a wide range of detergents

Equipment:

With combustion engine

HD 1040 B

AVS anti-twist system Preventing annoying twists and loops in the hose

Large air tyred wheels (diameter of 200 mm)

Very mobile even on difficult terrain

Miscellanous:

Petrol tank: 6,5 l (unleaded petrol)

2 hours continuous full-load operation at 3 l/h consumption

Safety and control equipment:

Thermometer probe on pump cylinder head

Automatic engine shut-off in case of too high water temperature in by-pass circulation

Low oil cut-out

Automatic stop of engine at low lubricant level

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 number 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 number 4.762-075.0

Angle vario nozzle 0°-90°

Variable angle nozzle 0-90°
Variable angle nozzle for spray angle adjustment from 0° to 90°. For easy adjustment to all kinds of soiling and surfaces.

Order number 4.763-039.0

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 number 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 number 2.639-919.0

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 number 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 number 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 corrossion-resistant, watertight capsuled sprong drive. Connection for HP hoses with nipple.

Order number 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 number 2.641-867.0

Backflow check valve

Backflow preventer

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

Order number 2.641-374.0

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 number 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 number 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 number 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 number 6.394-668.0

Tank 1L

Order number 6.414-954.0

Dirt blaster - changeover to fan jet

Dirt blaster with changeover to fan jet

Dirt blaster with rotating pencil jet offers 10 times better cleaning performance. Changeover to high-pressure fan jet Further data: Max. 300 bar, 30 MPa, 85°C.

Order number 4.763-957.0

Dirt blaster – changeover to low pressure cleaning agent intake

Dirt blaster with changeover to detergent injection

Dirt blaster with rotating pencil jet offers 10 times better cleaning performance. With changeover to detergent injection. Further data: Max. 300 bar, 30 MPa, 85°C.

Order number 4.763-951.0

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 number 4.763-253.0

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 number 6.394-665.0

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 number 2.640-691.0

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 number 4.775-463.0

Fine-mesh water filter

Fine-mesh water filter, 100 µm, R 3/4"

Fine-mesh water filter, 100 µm, max. temperature 60°C. Protects the high-pressure cleaner from dirt particles contained in the water. Transparent filter cup. Water flow rate up to 1200 l/h. Connector 3/4".

Order number 2.637-691.0

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 number 4.730-102.0

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 number 2.637-926.0

Food industry version

High-pressure hose, 10 m, DN 8, AVS trigger gun connection, food industry, grey

Food industry version, AVS connection in the trigger gun. grey NW 8/155 °C/250 bar

Order number 6.390-704.0

High-pressure hose, 20 m DN 8, AVS trigger gun connector, suitable for food industry, grey

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.

Order number 6.390-705.0

Geka coupling

Geka coupling with hose liner, R 3/4"

with hose liner

Order number 6.388-455.0

Geka coupling with female thread, R 1"

with female thread

Order number 6.388-458.0

Geka coupling

Geka coupling with hose liner, 1"

Order number 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 number 2.640-355.0

Hard surface cleaner FR 50

FR 50 surface cleaner

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.

Order number 2.640-679.0

Hard surface cleaner FRV 30

FR Venturion

With the integrated, automatic suction of the waster 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 waster 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 number 2.642-169.0

Hard surface cleaner FRV 30

Nozzle kit 050 - for FRV 30

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

Order number 2.642-433.0

Extension hose 5 m

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

Order number 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 number 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 number 3.631-009.0

Hose reel add-on kit

Hose reel kit for petrol-driven high-pressure cleaners

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

Order number 2.637-880.0

HP detergent injector

Detergent injector for high pressure

Cleaning agent dosage at high pressure 3 - 5 %

Order number 3.637-170.0

HP nozzle spray angle 0°

High-pressure nozzle with 0° spray angle

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

Order number 2.884-535.0

Inno Foam Set

Inno foam kit with detergent injector

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 number 2.640-151.0

Longlife 400

HIgh-pressure hose Longlife 400, 10 m DN 8, AVS trigger gun connection

with patented AVS connection in trigger gun (pivot-mounted)

Order number 6.389-856.0

High-pressure hose Longlife 400, 20 m DN 8, AVS trigger gun connector

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.

Order number 6.390-208.0

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 number 6.390-178.0

Longlife food industry version

HIgh-pressure hose Longlife 400, 10 m, DN 8, 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 number 6.391-885.0

HIgh-pressure hose Longlife 400, 20 m, DN 8, 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 number 6.391-886.0

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 number 2.639-187.0

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

Machine-specific nozzle kit for order no. 3.637-170 750-1000 l/h

For HD/HDS 750 - 1000 l/h. Consists of nozzle insert + HP power nozzle + union

Order number 4.769-047.0

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

Cone for plugging into bungholes
Cone for plugging into bungholes

Order number 4.132-002.0

Double handle for exact control of the spray head
Double handle. Precise control of the spray head

Order number 2.863-036.0

Screw plug for using a spray head with one nozzle
Screw plug for using a spray head with one nozzle

Order number 5.411-061.0

Nozzle kits for Inno/Easy Foam Set

Nozzle kit 090 Inno/Easy kit 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.

Order number 2.640-688.0

Nozzle pack for wet blasting attachment

Nozzle kit for wet blasting attachment 050
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 number 2.637-902.0

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 number 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 number 6.390-029.0

Pipe cleaning hose, DN 6, 20 m, 220 bar
20 m flexible high-pressure hose (DN 6) for cleaning pipes up to 220 bar (threaded connection for R 1/8 nozzle).

Order number 6.390-030.0

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 number 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 number 2.883-390.0

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 number 2.883-399.0

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 number 2.884-524.0

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 number 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 number 6.401-458.0

Plug nipple

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

Order number 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 number 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 number 4.764-012.0

Rotary coupling

Rotary coupling

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

Order number 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 number 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 number 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 number 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 number 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 number 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 number 4.760-662.0

Rotating washing brush

Rotating wash brush for > 800 l/h high-pressure cleaners

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

Order number 4.762-283.0

Rotating washing brush

Rotating wash brush for > 800 l/h high-pressure cleaners

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

Order number 4.762-287.0

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 number 4.580-160.0

Special hoses

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

Order number 6.388-886.0

Spray lance

Lance 250 mm, non-rotatable

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

Order number 4.760-667.0

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 number 6.390-185.0

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 number 6.390-025.0

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 number 6.390-171.0

Suction filter

Suction filter with check valve

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

Order number 4.730-012.0

Suction filter without non-return valve

Without non-return valve, brass

Order number 4.730-019.0

With combustion engine

HD 1040 B

Suction filter

Water filter

Order number 6.414-956.0

Telescopic spray lance

Telescopic jet pipe

Order number 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 number 4.775-823.0

Triple nozzle, touchless changeover

Triple nozzle, touchless changeover

Triple nozzle with high-pressure pencil jet (25°) and low-pressure fan jet (40°). Fast and easy jet changeover by turning the nozzle.

Order number 4.767-065.0

Triple nozzles

Triple nozzle 050

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.

Order number 4.767-154.0

Undercarriage spray lance

Underbody lance

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

Order number 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 number 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 number 4.760-230.0

Water supply hose

Water supply hose

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

Order number 4.440-207.0

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 number 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 number 4.762-022.0

Y distributor

Y distributor

Order number 4.405-048.0