

With combustion engine

HD 1050 DE



Independently usable high-pressure cleaner with electric start and a hard-wearing high-powered Yanmar diesel engine. Easy to transport due to large wheels with air tyres, favourable weight and carrying handles for easy handling.

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)
- Electric starter
- Servo Control



Order no.: 1.810-988.0

Technical data

Operating pressure (bar/MPa)	40-230/4-23
Max. pressure (bar/MPa)	250/25
Water flow rate (l/h)	400-930
Max. water feed temperature (°C)	max. 60
Engine type	L 100 AE/diesel
Engine manufacturer	Yanmar
Engine performance, net.	-
Engine performance, gross (hp)	7.4/10
Weight (kg)	103
Dimensions (L x W x H) (mm)	1050x540x720

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Details

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, air tyred wheels ensure convenient mobility, even in difficult terrain. Durable three-piston axial pump with direct 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 relief 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 servopress control to suit different cleaning tasks. Standard fine-mesh water filter in inlet reliably protects pump against impurities. Servopress system enables pressure and water flow to be adjusted directly on the trigger gun. 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 flick-to-change. Integral speed control reduces engine speed when trigger is closed and thus helps to keep noise levels low.

Application

High-pressure cleaner for full-force professional cleaning operations Mobile unit which operates independent of electricity Ideal for painters, plasterers, facade cleaners, building contractors, farmers and the forestry industry and local governments.

Features & Benefits

Air-cooled 8.1 kW/11 HP four-stroke petrol engine (HONDA), pull start Easy to start, high performance, self-sufficient mobility Automatic revolution reduction during work interruptions Lower noise level, increased service life AVS anti-twist system Preventing annoying twists and loops in the hose Brass cylinder head with suction and pressure valves from high-grade steel Long service life, allows use of a wide range of detergents Drive: High-pressure pump: Large air tyred wheels (diameter of 200 mm) Very mobile even on difficult terrain Low oil cut-out Automatic stop of engine at low lubricant level Miscellaneous: Petrol tank: 6,5 l (unleaded petrol) 2 hours continuous full-load operation at 3 l/h consumption Safety and control equipment: Sturdy tubular frame Optimum allround protection, mobile applications Thermometer probe on pump cylinder head Automatic engine shut-off in case of too high water temperature in by-pass circulation

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Accessories

Angle vario nozzle 0°-90°

Angle vario nozzle 0-90°

Makes it possible to change the high-pressure jet spray angle from 0°-90° (infinitely variable). This makes it easy to adapt it to all types of dirt and surfaces.

Order no. 4.763-039.0



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 spring drive. Connection for HP hoses with nipple.

Order no. 2.641-866.0



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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



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 no. 2.641-374.0



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



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



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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 – 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. 4.763-951.0



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. 4.763-253.0



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



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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. 4.763-957.0



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



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 no. 6.390-704.0



High-pressure hose, 20 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 no. 6.390-705.0



Geka coupling

Geka-Kupplung mit Schlauchdüse 1"

Order no. 6.388-465.0



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Hose reel add-on kit

Hose reel kit for HP petrol machines

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. 2.637-880.0



HP nozzle spray angle 0°

HP nozzle spray angle 0°

Solid jet for very stubborn dirt and stains.

Order no. 2.884-535.0



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 no. 6.389-856.0



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

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

Order no. 6.390-208.0



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, 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 no. 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 no. 6.391-886.0



Power nozzle spray angle 15°

Power nozzle, spray angle 15°

Fan jet nozzle for stubborn dirt and stains.

Order no. 2.883-390.0



Power nozzle spray angle 25°

Power nozzle spray angle 25°

Fan jet nozzle for large-area coverage and stubborn dirt and stains.

Order no. 2.883-399.0



Power nozzle spray angle 40°

Power nozzle spray angle 40°

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

Order no. 2.884-524.0



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Push-on washing brush

Push-on washing brush, M18 x 1.5

General-purpose cleaning on all surfaces. With clamp for mounting directly to spray lance. Connection M 18 x 1.5.

Order no. 4.762-016.0



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

Jet pipe packaged only for replacement

Order no. 4.760-660.0



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Rotating spray lances

Jet pipe packaged only for replacement

Order no. 4.760-664.0



Jet pipe packaged only for replacement

Order no. 4.760-663.0



Jet pipe packaged only for replacement

Order no. 4.760-661.0



Jet pipe packaged only for replacement

Order no. 4.760-662.0



Servo Control

Servo control

Water quantity and pressure control directly on the trigger gun

Order no. 4.775-470.0



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Special hoses

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

Order no. 6.388-886.0



Spray lance

Jet pipe packaged only for replacement

Order no. 4.760-667.0



standard

High-pressure hose, 15 m DN 8, 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 8/155°C/315 bar

Order no. 6.390-185.0



High-pressure hose, 10 m DN 8, 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 8/155°C/315 bar

Order no. 6.390-025.0



High-pressure hose, 20 m DN 8, 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 8/155°C/315 bar

Order no. 6.390-171.0



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Suction filter

Water filter

Order no. 6.414-956.0



Teleskopstrahlrohr

Telescopic jet pipe

Order no. 6.394-690.0



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. 4.767-065.0

Triple nozzles

Triple jet nozzle 050 nur fuer Ersatz

Order no. 4.767-154.0



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Y-Verteiler

Y-Verteiler

Order no. 4.405-048.0

