

Hot water middle class  
**HDS 4.0/20 -4M Ea**



Our medium and super class hot water pressure washers are rugged, simple to operate, and feature a unique ECO mode that automatically adjusts to the most economical temperature range.

**Standard accessories:**

- Anti-twist system (AVS)
- Low fuel cut-out
- Exhaust gas temperature limiter
- Three piston axial pump with ceramic piston
- Stainless steel spray lance 41 inch
- Trigger gun Easy-press trigger gun
- High-pressure hose 50 ft
- Infinitely variable pressure and water flow control on the unit
- Pressure switch control
- Trigger gun with soft grip
- Integral fuel and detergent tank
- Dry run protection
- Low-speed 4-pole motor
- Steam mode
- Power nozzle
- Soft damping system (SDS)
- Scale inhibitor
- Control panel with indicator lamps
- Two detergent tanks



**Order number: 1.071-427.0**

**Technical Data**

Water Volume (GPM)	2-4
Operating Pressure PSI	450-2000
Power (hp)	9.5
Voltage Ph/V/Hz	1/220/60
Connected load (A)	30
Ship Weight (with accessories) (lbs)	396
Dimensions (L x W x H) (inch)	51x27x33

## Details

Our medium and super class hot water pressure washers boast impressive features. They are environmentally friendly and efficient thanks to the Eco mode, a service switch for adjustment of water hardness, turbo fan, precise detergent dosage, optimized burner technology and high pump efficiency. Accessories are optimized for specific applications to suit customer needs. A central, clearly arranged control panel designed for intuitive operation, spray lance holder, and LED displays make this a user-friendly unit. Large rubber-tired wheels, swivel casters, ergonomic push handles, forklift lifting points, lashing rings and a tilting aid provide mobility and easy transport. Flue gas monitoring, a corrosion-proof chassis, machine protector system, and three-piston axial pump with ceramic pistons and heat-resistant flue outlet guarantee safety and reliability, and easy access to components makes this unit service friendly. A service switch can even call up operating data for troubleshooting.

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### Features & Benefits

#### eco!efficiency mode

In the Eco setting the unit operates in the most economical temperature range (60°C) with full water flow.

Burner cycles are optimised to reduce fuel consumption by up to 20% compared to full-load operation.

#### Operational reliability

The large, integrated fine-mesh water filter reliably protects the high-pressure pump against dirt particles.

An integrated exhaust gas thermostat switches off the drive motor if the exhaust gas temperature exceeds 300°C.

The soft damping system (SDS) compensates for vibrations and pressure surges in the high-pressure system.

#### Mobility concept

Sturdy tie-down points for safe transit

"Jogger" design with large rubber tyre wheels and swivel castors.

Integrated tilting aid for effortlessly negotiating obstacles such as steps and kerbs.

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## Accessories

### Accumulator kits

Add-on accumulator for HDS M/S

Order number 2.641-803.0



### Automatic, self-winding hose reels

ABS automatic hose drum HDS M/S

Order number 2.642-957.0



ABS holder, automatic hose drum HDS M/S

Order number 2.643-040.0



Add-on kit hose reel plastics

Order number 6.392-975.0



Add-on kit hose reel

Order number 6.392-965.0



ABS hose reel stainless steel

Order number 2.641-866.0



## Barrel and tank cleaning

Barrel cleaner

Order number 2.641-740.0



## Crane lifting kit

Crane loading kit for HDS middle and super class

Order number 2.642-424.0



## Cup foam lance

Cup foam lance

Order number 6.394-668.0



Tank 1L

Order number 6.414-954.0



## Double lance

Double lance 960 mm

Order number 6.394-665.0



## Flexible spray lance

Flexible lance 1050 mm

Order number 6.394-654.0



## Flue pipe

Flue gas adapter

Order number 4.656-149.0



Flue gas adapter

Order number 4.656-080.0



## FRV 30 Me surface cleaner

FRV 30 ME

Order number 2.642-911.0



Suction hose FRV 30 me

Order number 4.441-040.0



## Geka coupling

Geka coupling with hose liner, 1'''

Order number 6.388-465.0



## Gutter cleaner

Gutter cleaning lance

Order number 2.642-305.0



## Hard surface cleaner FRV 30

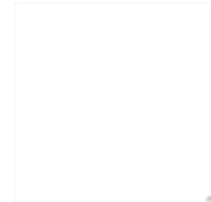
FRV 30

Order number 2.642-999.0



Add-on kit rubber lip

Order number 2.642-910.0



Extension hose 5 m

Order number 4.440-939.0



## iSolar brushes and water softening

Brush iSolar 400

Order number 6.368-456.0



Brush iSolar 800

Order number 6.368-454.0



Case sheet steel

Order number 6.988-152.0



## iSolar brushes and water softening

**WS 50**

Order number 6.368-463.0



**WS 100**

Order number 6.368-464.0



**WS Regenerator**

Order number 6.368-465.0



## Longlife 400

**High-pressure hose packaged**

Order number 6.391-351.0



## Longlife 400 with unions on both sides

**High-pressure hose 1.5 m, DN 8, including  $\frac{1}{2}$  connectors**

Order number 6.390-178.0



**High-pressure hose packaged**

Order number 6.391-354.0



## Longlife 400 with unions on both sides

High-pressure hose Longlife 400, 15 m, DN 8, including rotary coupling

Order number 6.389-709.0



High-pressure hose Longlife 400, 30 m DN 8, including rotary coupling

Order number 6.390-294.0



## Longlife food design

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

Order number 6.391-885.0



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

Order number 6.391-886.0



## Longlife food design with screw connections at both ends

High pressure hose food DN 8 / 10 m

Order number 6.391-864.0



High-pressure hose food industry 400 bar, 20 m, DN 8, including rotary coupling

Order number 6.391-887.0



## Machine-specific nozzle kits for FRV

Nozzle kit 050 - for FRV 30

Order number 2.642-433.0





## Pipe cleaning nozzle

Pipe cleaning dirt blaster D 25 / 060

Order number 6.415-945.0



Pipe cleaning dirt blaster D 30 / 060

Order number 6.415-947.0



Pipe cleaning dirt blaster D 35 / 060

Order number 6.415-949.0



Pipe cleaning nozzle

Order number 5.763-015.0



Pipe cleaning nozzle

Order number 5.763-016.0



Pipe cleaning nozzle

Order number 5.763-017.0



## Power nozzle spray angle 25°

25° power nozzle for applying cleaning agent

Order number 2.884-521.0



## Quick connect

Quick coupling

Order number 6.401-458.0



Plug nipple

Order number 6.401-459.0



## Rotary coupling

Rotary coupling

Order number 4.401-091.0



## Rotating spray lances

1050 mm lance, rotatable, ergonomic

Order number 4.760-660.0



Rotatable lance, 600 mm, ergonomic

Order number 4.760-664.0



Lance 850 mm, rotatable, ergonomic

Order number 4.760-663.0



Lance 1550 mm, rotatable, ergonomic

Order number 4.760-661.0



## Rotating spray lances

Lance 2050 mm, rotatable, ergonomic

Order number 4.760-662.0



## Solar cleaning – telescopic lances

iSolar TL 7 H (without hose)

Order number 4.107-054.0



Telescopic rod complete 10m

Order number 4.107-053.0



Telescopic rod complete 10m CFK

Order number 4.107-055.0



Telescopic rod complete 14m

Order number 4.107-052.0



Hose solar

Order number 6.392-978.0



## Solar cleaning – telescopic lances

Hose solar

Order number 6.392-977.0



Hose solar

Order number 6.392-976.0



## Special hoses

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

Order number 6.388-886.0



## Spray lance

Lance 250 mm, non-rotatable

Order number 4.760-667.0



## Spray lances

Anti-vibration lance

Order number 6.415-951.0



## Standard with unions on both sides

High-pressure hose packaged

Order number 6.391-342.0



High-pressure hose, 30 m DN 8, including rotary coupling

Order number 6.390-293.0



## Suction filter

Water filter

Order number 6.414-956.0



## Telescopic spray lance

Telescopic jet pipe

Order number 6.394-690.0



Strap for telescopic spray pipe

Order number 6.373-987.0



## Trigger guns

High end high-pressure trigger gun

Order number 4.775-823.0



## Y distributor

Y distributor

Order number 4.405-048.0

