

# Flushing & pipe cleaning

## High-pressure drain cleaning

### High-pressure drain cleaning

HD 13/100



HD 17/190



HD 13/150 B



HD 16/220 B



Operation mode:	230 V	400 V	Fuel	Fuel
Max. pipe diameter:	Ø 150 mm	Ø 200 mm	Ø 200 mm	Ø 200 mm
Max. working length:	20 m 100	40 m 190	40 m	40 m
Max. pressure:	bar 13 l/	bar 17 l/	150 bar	220 bar
Pump delivery:	min	min	19 l/min	19 l/min
Power:	2,300 W	5,000 W	8,100 W	8,100 W

### HD 13/100

100 bar high-pressure pipe cleaning unit with hose reel

Ø 150 mm



### HD 17/190

190 bar high-pressure cleaner with three-phase motor

Ø 200 mm



#### KEY FEATURES

- Air-filled transport wheels, easy to navigate stairs
- AC supplied, self-priming up to 2 m

#### TECHNICAL DATA

Max. operating pressure:	100 bar
Electric motor:	AC supply
Pump delivery:	13 l/min
Rating:	2.3 kW
Max. working length:	20 m
Speed:	1,400 rpm

Scope of delivery: HD 13 / 100 (No. 76020), hose reel with 20 m special high-pressure hose (No. 72812) with couplings and pipe cleaning nozzle (No. 76089)

Model  230 V / 50 Hz

High-pressure pipe cleaning unit HD 13 / 100 45.0 **76020**

#### KEY FEATURES

- Three-phase motor, self-priming up to 2 m
- Air-filled transport wheels, easy to navigate stairs

#### TECHNICAL DATA

Max. operating pressure:	190 bar
Electric motor:	Three Phase
Pump delivery:	17 l/min
Rating:	5.0 kW
Max. working length:	40 m
Speed:	2,800 rpm

Scope of delivery: HD 17 / 190 (No. 76070), hose reel with 40 m special high-pressure hose DN 8 with couplings (No. 72820) and pipe cleaning nozzle (No. 76089)

Model  230 V / 50 Hz

High-pressure pipe cleaning unit HD 17 / 190 50.0 **76070**

# Flushing & pipe cleaning

## High-pressure drain cleaning

### HD 13/150 B

150 bar high-pressure cleaner with petrol engine

Ø 200 mm

With petrol engine



#### KEY FEATURES

- Works with fuel, no voltage needed, self-priming up to 2 m
- Air-filled transport wheels, easy to navigate stairs

#### TECHNICAL DATA

**Max. operating pressure:** 150 bar **Rating:** 3.6kW  
**Pump delivery:** 13 l/min **Speed:** 1,800 rpm  
**Max. working length:** 40 m **Petrol engine:** Honda  
**Tank capacity:** 3.1 l **Consumption:** 1.4 l/h

Scope of delivery: HD 17 / 190 (No. 76070), hose reel with 40 m special high-pressure hose DN 8 with couplings (No. 72820) and pipe cleaning nozzle (No. 76089)

Model	kg	No.
High-pressure pipe cleaning unit HD 17 / 190	50.0	76070

### HD 16/220 B

220 bar high-pressure cleaner with petrol engine

Ø 200 mm

With petrol engine



#### KEY FEATURES

- Works with fuel, no voltage needed, self-priming up to 2 m
- Air-filled transport wheels, easy to navigate stairs

#### TECHNICAL DATA

**Max. operating pressure:** 220 bar **Rating:** 8.1 kW  
**Pump delivery:** 16 l/min **Speed:** 1,800 rpm  
**Max. working length:** 40 m **Petrol engine:** Honda  
**Tank capacity:** 6.5 l **Consumption:** 3.2 l/h

Scope of delivery: HD 19 / 180B (No. 76090), hose reel with 40 m special high-pressure hose DN 8 with couplings (No. 72820) and pipe cleaning nozzle (No. 76053)

Model	kg	No.
High-pressure pipe cleaning unit HD 19 / 180 B	78.5	76090

### ACCESSORIES HD 13/100 – 17/190 – 13-150 - 16-220



No. 76078



No. 72820



No. 77506



No. 76089



No. 76065



No. 76067

Model	kg	No.
Flexible, high-pressure hose with R 1/4" coupling Length 40 m, NW 8 (HD 17/190, HD 19/180 B)	10.70	72820
Pipe cleaning nozzles R1/4", stainless steel excl. forward jet spray, 4 holes, Ø 25 x 22 mm	0.04	76089
incl. forward jet spray, 5 holes, Ø 25 x 22 mm	0.04	76065
Rotary nozzle 45°, 4 holes, Ø 16 x 30 mm	0.08	77506
Cleaning lance with wide-angle nozzle for surface cleaning	1.30	76068
Spare wide-angle nozzle	0.01	76088