



ENERGY  
EFFICIENT



# High Pressure Pump Units

## HDP 30 Basic

Mobile high pressure unit with compact dimensions

High energy savings

Safe operation

High mobility

Sturdy industrial engine

Other versions

Application systems

HDP 30 Basic

Mobile electric unit with frequency converter for gun blasting work up to 2000 bar

This mobile electric unit combines all the advantages of Hammelmann’s tried-and-tested quality pumps with high economic efficiency, for the use of high pressure blasting guns in the pressure range of up to 2000 bar.

- Long lifetime of all high-pressure components is ensured by optimal valve and sealing technology, the use of top quality materials and precise series production with state-of-the-art machines
- Permanent corrosion resistance of the fluid end

- High operational reliability and long maintenance intervals
- Hermetic sealing of the gear end with patented bellows sealing system
- Leakage-free pump
- High reliability in continuous duty due to performance reserves by design

Areas of application



General gun blasting work  
Surface cleaning

Vessel cleaning  
Industrial cleaning

Cleaning of shuttering  
and scaffolding

Cleaning of vehicles and  
construction machines

Cleaning plaster molds  
and matrices

Accessories included in the scope of delivery



**High-pressure spray gun SP 3000 E with electrical connector**  
Hammelmann high-pressure spray guns are designed for demanding, industrial use. The ergonomically shaped handle and various extensions are easy to install.



Fan jet nozzle (15°)



High-pressure hose (20 m)



Control cable (25 m)

Optional accessories to expand the areas of application



**RD Masterjet (up to 3200 bar)**  
The water tool for pros. Thanks to its compact and leight-weight design, enduring, fatigue-free work is possible. The Masterjet ensures a long service life thanks to the use of the patented HPS sealing system and robust components.



**RD Mono (up to 2000 bar)**  
The simple rotor nozzle treats surfaces with high precision precisely and reliability at an operating pressure of up to 2000 bar.



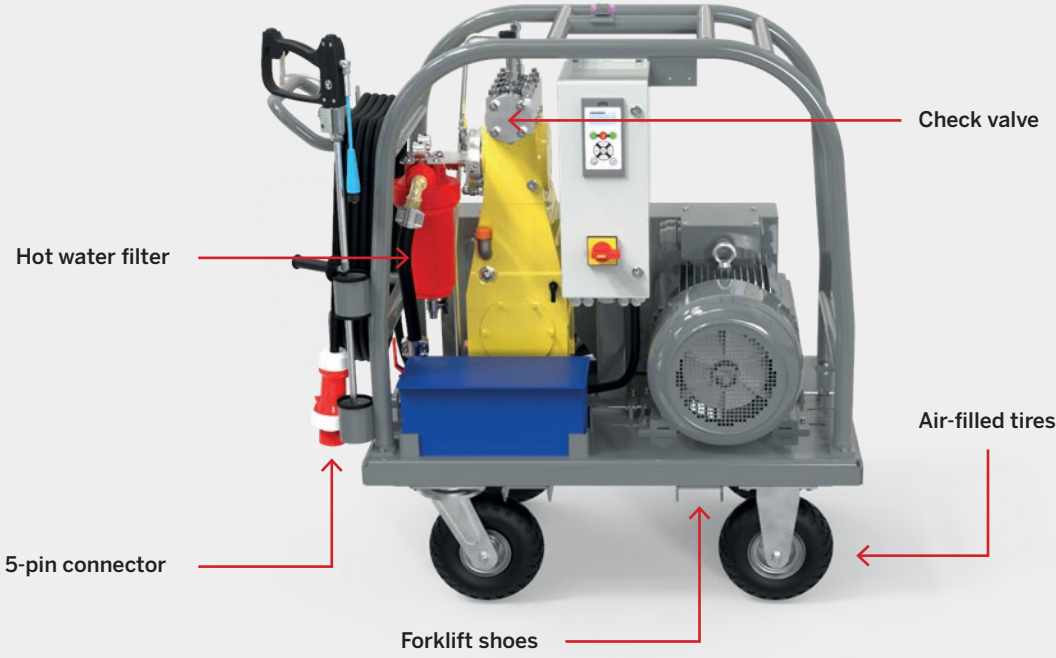
**Aquamat S**  
The smallest of our Aquamat tank cleaning units impresses with its patented HPS technology, which is also used in our Masterjet rotor jets.



**Aquablast Basic E**  
Made for high class surface treatment, the electrically controlled Aquablast Basic E is a useful addition to a professional set-up that extends the possible range of applications with the HDP 30 Basic.

Easy to transport, with a wide range of customization options

Additional options:



Technical details

- Robust chassis with protective frame
- Chassis with lockable swivel and fixed castors
- Holder for high-pressure hose, electric cable, and spray gun
- Frequency converter with integrated circuit breaker, display and water boost pressure monitoring
- Voltage supply 380 – 480 V, 50 / 60 Hz
- Connection via 5-pin 63 A CEE plug with 8 m cable, RCD type B, ≥ 300 mA required
- Electronically adjustable pressure control
- Smooth motor start-up thanks to frequency converter
- IE4 Motor – Super Premium Efficiency
- PTC full motor protection
- Water inlet with filter
- Ball valve for easy replacement of filters and water tools
- V-belt drive
- Dry unit, no bypass water
- Burst disc protection
- Tool box (removable)
- System with 1-point suspension

- Length: 1500 mm
- Width: 865 mm
- Height: 1450 mm
- Weight: 830 kg
- Drive power: 30 kW
- Design: 3-cylinder, standing



The HDP 30 Basic converts 97% of the shaft output into hydraulic energy.

Performance data

HDP	Flow rate	Operating pressure	Piston diameter
34	1,5 – 8 l/min	2000 bar	12 mm
	2,3 – 11 l/min	1500 bar	15 mm
33	3 – 16 l/min	1000 bar	17,5 mm
	6,5 – 20 l/min	800 bar	22 mm
32	6 – 27 l/min	600 bar	24 mm
	7 – 32 l/min	500 bar	26 mm
	9 – 40 l/min	400 bar	30 mm



## Factory Oelde



### Certificates

DIN EN ISO 9001  
DIN EN ISO 14001  
DIN EN ISO 50001  
BS OHSAS 18001  
TÜV ATEX 2524 X  
ASME-U  
Achilles



## Hammelmann service worldwide

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