



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 for gun blasting work up to 1900 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 1900 bar.
- Long lifetime of all high pressure components ensured by optimal valve and sealing technology, use of top quality materials and pre-cise series production with state-of-the-art machines
 - Long lasting corrosion resistant fluid end

- High operational reliability and long maintenance intervals thanks to hermetic sealing of the gear end with patented bellows sealing system
- Leakage free pump thanks to the arrangement of all pressurised high pressure components inside the pump housing
- High reliability in continuous duty due to performance reserves.

Areas of application



General gun blasting work



Cleaning of shuttering and scaffolding



Cleaning of vehicles and construction machines



Cleaning of plaster moulds



Industrial cleaning

Exemplary application systems



RD Masterjet

The professional water tool. Thanks to its compact design and low weight, enduring, fatigue-free working is possible. The Masterjet offers a long service life thanks to the Hammelmann HPS sealing system and robust components.



RD Mono

The simple rotor jet, designed for 600 bar operating pressure, processes surfaces with precision and reliability.



Fan jet

The light-weight fixed fan jet nozzle treats surfaces gently and sufficiently.



Aquablast Basic

Designed to handle larger areas, the Aquablast Basic surface cleaner is a useful addition that extends the potential range of application of the HDP 30 Basic system.



High pressure blasting gun SP 3000 E up to 3000 bar

Hammelmann high pressure blasting guns are designed for demanding, industrial use. The ergonomically shaped handle and various extensions are easy to install.



High pressure blasting gun Basic up to 500 bar

The modular Basic version is an efficient introduction into the field of water high pressure blasting guns.

Technical data

High pressure pump



Easy to transport



Technical data HDP 30 Basic:

- Length: 1500 mm
- Width: 865 mm
- Height: 1450 mm
- Weight: 830 kg
- Drive power: 30 kW
- Construction: 3-cylinder, standing
- Rod strength: 27 kN
- Stroke: 30 mm
- Average piston speed at n2: 625 1/min. = 0.63 m/sec
750 1/min. = 0.75 m/sec

Technical features

- Robust chassis with protective frame
- Holder for high pressure hose and gun
- Electrical control with soft starter, circuit breaker, water boost pressure monitoring and start/stop button
- Voltage supply either 380 – 400 V / 50 Hz or 440 – 460 V / 60 Hz
- Power consumption 63 ampere max.
- Electrical connection via 63 ampere CEE appliance plug
- Water filter in pump inlet
- V-belt drive
- Valve depressurises the high pressure system when high pressure gun is closed
- Dry unit, no bypass water
- Burst disc safety device
- Tool tray

ENERGY EFFICIENT



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

Performance data

HDP	Flow rate	Operating pressure	Piston diameter	Speed of rotation (crankshaft)
34	8 l/min	1900 bar	12 mm	900 1/min
33	16 l/min	1000 bar	20 mm	625 1/min
	20 l/min	800 bar	22 mm	625 1/min
32	24 l/min	600 bar	24 mm	625 1/min
	28 l/min	500 bar	26 mm	625 1/min
	38 l/min	400 bar	30 mm	625 1/min

Factory Oelde



Certifications

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



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