



Remove contaminations easily with a 95 °C hot water jet



High Pressure Pump Units

Hot water unit with Thermojet technology

High cleaning performance

Safe operation

Sturdy industrial engine

High mobility

Other versions

Application systems



The endurance runner in top quality

- **Long lifetime of all high pressure components** due to optimal valve and sealing technology, use of top quality materials and precise series production with most modern machines
- **Long lasting corrosion resistance** of the fluid end
- **High operational reliability** and long maintenance intervals through the hermetical sealing of the gear end by means of the patented bellows sealing system
- **Leakage free pump** thanks to the arrangement of all pressurised high pressure components inside the pump housing
- **Significant operating cost advantage** thanks to the pump which is designed for at least 25,000 operating hours under full load
- **High reliability in continuous duty** due to the performance reserves of high pressure pump, drive engine and all components

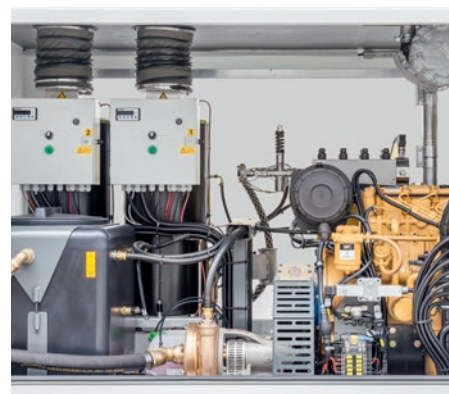


Energy savings through high efficiency

- **High efficiency.** The Aquajet ultra high pressure pump converts 95 % of the shaft power into hydraulic energy
- **Very smooth running** due to low speed at maximum performance
- **Low diesel consumption** due to modern engines

Safe operation

- **Everything under control.** Monitoring, control and nozzle calculation via the Hammelmann ES3 control unit. Intuitive navigation in many languages. All important operating data at a glance.
- **Easy set-up** due to easily accessible supply and high pressure connections
- **High safety** while operating tools secured by a mechanical or optional pneumatic pressure regulating valve



Sturdy industrial engine

- **Economical industrial engines** built by renowned manufacturers
- **Ample power reserves:** 37 kW engines for real 26 kW pump performance

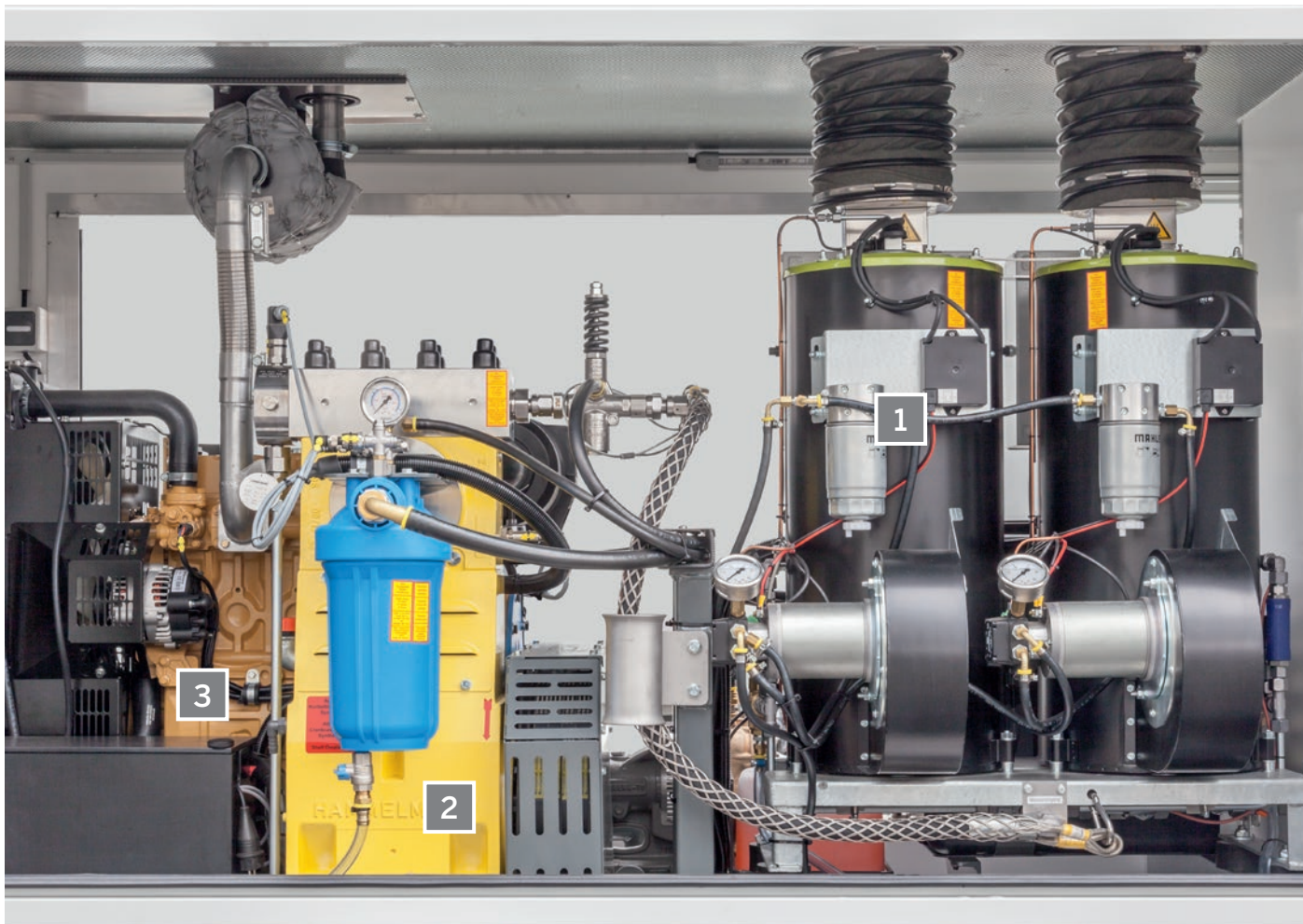
High mobility

- **Low noise pump unit** due to super soundproofing ≤ 75 dB(A) at a distance of 7 m ≤ 86 dB(A) at a distance of 1 m
- **Environmentally safe operation** due to totally enclosed bottom tray made of aluminium
- **Large fuel reserve.** Minimum of 8 hours operation possible due to the large internal fuel tank
- **High quality tandem chassis** with overrun brake. Chassis is completely galvanised
- **Can be easily positioned** by means of 4 point lifting lugs

Heater unit

- Perfectly suited for removal of oil based contaminations
- Up to 95 °C hot water jet
- The ES3 is optimised for the Thermojet
- High efficiency due to parallel usage of both heater units (160 kW)
- High pressure safety valve and security temperature limiter





The heater module and the HDP 32 combined can produce an operating pressure of up to 500 bar reaching up to 95 °C of water temperature.

- 1 Thermojet heater unit 2 High pressure pump HDP 32 3 Diesel engine

Applications and tools



Hot water blasting guns for cleaning applications



Mobile unit with approx. 2 t of total weight



Tool storage space in the back of the unit

Technical data

Model	Plunger Ø	Operating pressure	Flow rate	Engine power	Pump power
THERMOJET	26 mm	500 bar	28 l/min	37 kW	26 kW





Accessories for your Thermojet

Complete your hot water unit with ergonomic hot water jet systems and optimize your work processes.

High pressure water blasting guns for hot water applications



Hot water blasting gun (electric)
for Thermojet units with pneumatic pressure regulating valve

Hammelmann high pressure blasting guns are designed for demanding, industrial use. The ergonomically shaped handle and various extensions are easy to install - so every operator will find the ideal working position, which saves energy and at the same time increases operator safety.



Hot water blasting gun (mechanical)
for Thermojet units with mechanical pressure regulating valve

A simple lever mechanism makes the trigger of the blasting guns very easy to engage and hold. The operator can use the gun without feeling strain and physical stress which enables longer, more concentrated working periods.

Hot water blasting gun - Basic

The modular Basic version is an efficient introduction into the field of hot water high pressure blasting guns. Depending on the application, different lances and nozzle variants are available, which, in combination with the simple handle, provide a solid tool.



800 mm lance + fan jet



800 mm lance + RD Mono



1000 mm double lance + fan jet

Handle for hot water blasting gun (mechanical)
for Thermojet units with mechanical pressure regulating valve

Water jetting tools



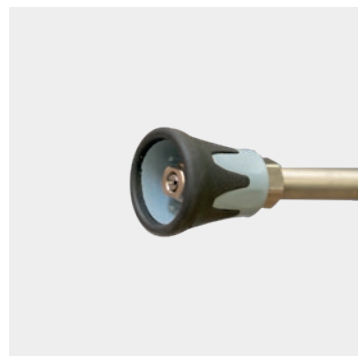
RD Masterjet

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 using hot water up to 90 °C.



Fan jet

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

Aquablast - Basic



Surface cleaner for hot water applications

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

Accessories



Hot water high pressure hose – 30 meters

Safety-tested high pressure hose especially for hot water applications. If required, several hoses can be connected via simple adapters.



Electric control cable reel

Required for operating the Thermojet's pneumatic pressure regulating valve via the electrical hot water blasting gun.

Suction add-on



Mechanical foot valve to remotely switch high pressure on/off.



Sludge suction add-on for hot water blasting gun.

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