



High Pressure Pump Units

AQUAJET® 30 • S 1600-30 • S 1100-30

The endurance runners at particularly favourable operating costs

High energy savings

Sturdy industrial engine

Other versions

Safe operation

High mobility

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 crank section with pressurised lubrication system 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

Sturdy industrial engine

- **Economical industrial engines** in accordance with the current exhaust emission certification stage 4
- **Ample power reserves:** 345 kW engines for real 300 kW pump performance

High mobility

- **Low noise pump unit** due to super soundproofing ≤ 75 dB(A) at a distance of 7 m ≤ 84 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 or optional central single point lifting device

Technical data

Model	Plunger Ø	Operating pressure	Flow rate	Engine power	Pump power
AQUAJET 30	17,5 mm	3200 bar	47 l/min	345 kW	300 kW
	20 mm	2600 bar	62 l/min		
S 1600-30	25 mm	1600 bar	101 l/min		
	28 mm	1300 bar	126 l/min		
S 1100-30	33 mm	1030 bar	152 l/min		



Stationary diesel unit on frame

Versions

Aquajet 30 is available in many different set-ups.



Stationary



Basic



10' - Container

Fields of application

Exemplary ranges of application for the Aquajet 30 performance class.



Corrosion protection



Concrete rehabilitation



Tank cleaning

Industrial high pressure application systems

Hammelmann high pressure pump units can be used with a wide range of water tools

