



# High Pressure Pump Units

## AQUAJET® 20 • S 1600-20 • S 1100-20

The endurance runners at particularly favourable operating costs

High energy savings

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 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:** 235 kW engines for real 200 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



- **Spray gun handle**
- **Vice**
- **Interior LED lighting**
- **Document compartment**





Mobile unit driven by diesel engine with AdBlue® system

## Technical data

Model	Plunger Ø	Operating pressure	Flow rate	Engine power	Pump power
AQUAJET 20	17.5 mm	3200 bar	28 l/min	235 kW	200 kW
	20 mm	2800 bar	40 l/min		
S 1600-20	28 mm	1400 bar	78 l/min		
S 1100-20	30 mm	1200 bar	87 l/min		
	33 mm	1000 bar	110 l/min		

## Mobile units



Road going

Length: 5.00 m  
Width: 2.20 m  
Height: 2.35 m

Weight: 3.5 t

## Further versions available



Stationary

Length: 3.40 m  
Width: 1.80 m  
Height: 2.35 m

Weight: 3.3 t



Basic

Length: 2.60 m  
Width: 1.65 m  
Height: 2.27 m

Weight: 3.1 t



10' Container

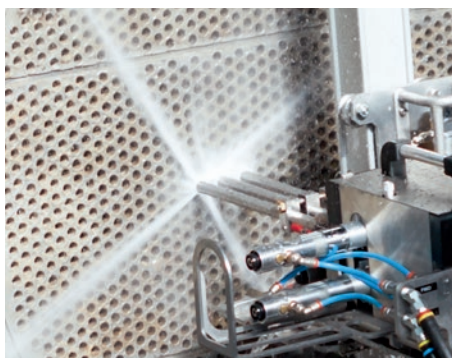
Length: 2.99 m  
Width: 2.44 m  
Height: 2.72 m

Weight: 6 t

Overall dimensions – All weights are net weights incl. fuel

# Industrial high pressure application systems

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



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