



# High Pressure Pump Unit AQUAJET® 14

The endurance runner 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.** Control and monitoring by means of the Hammelmann ES3 control unit. Intuitive navigation in many languages. All important operating data at a glance.
- **Easy commissioning** due to easily accessible supply and high pressure connections



## Sturdy industrial engine

- **Economical industrial engines** in accordance with the current exhaust emission certification step 4
- **Ample power reserves:** 160 kW engines for real 135 kW pump performance

## High mobility

- **Low noise pump unit** due to super soundproofing  $\leq 75$  dB(A) at distance of 7 m.  $\leq 84$  dB(A) at 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

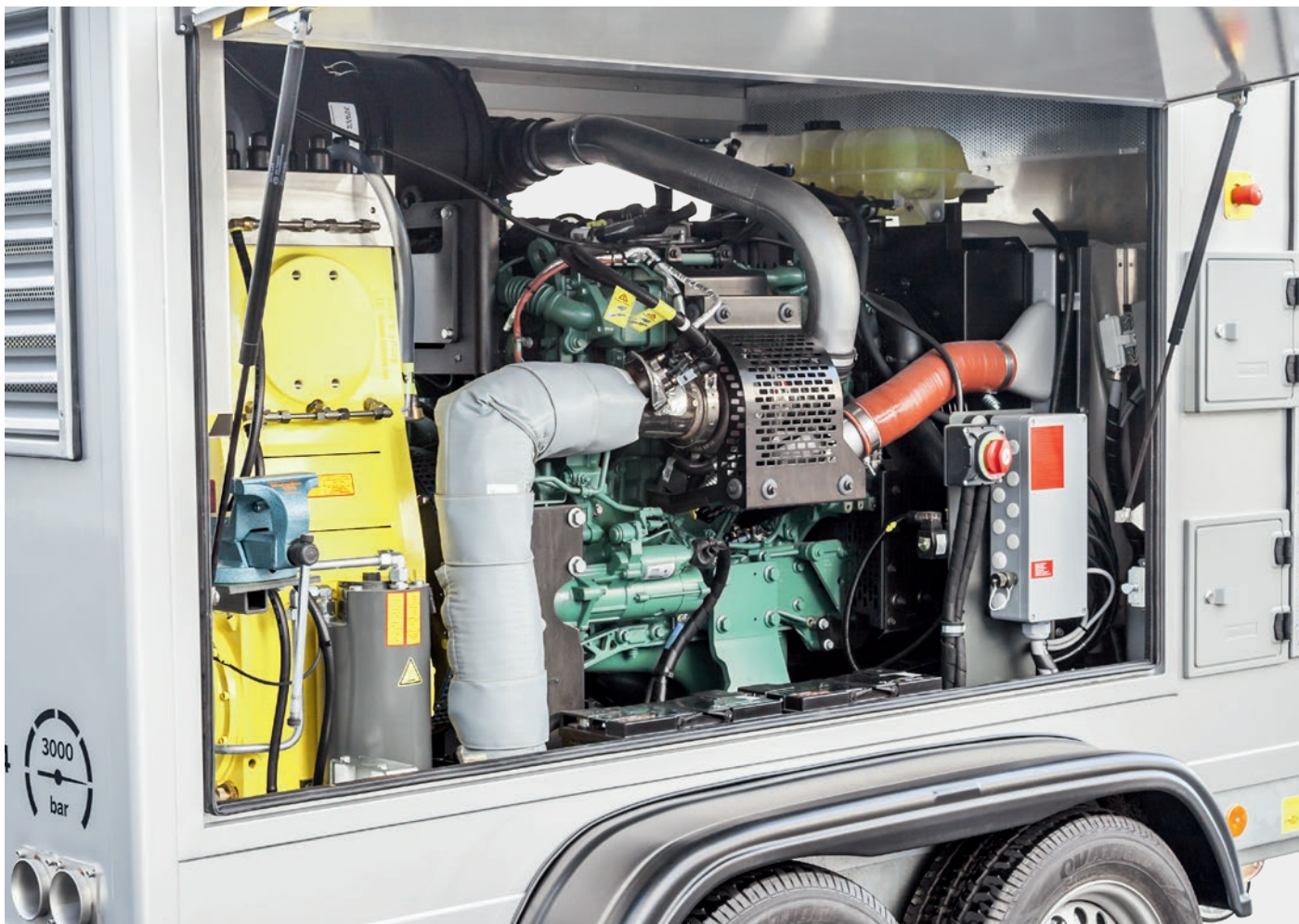


Trailer unit inclusive Deutz engine stage 4. AdBlue® system and soot particle filter

Trailer unit inclusive Volvo engine with AdBlue® system. Operation in low ceiling rooms possible thanks to the exhaust air outlet being low down

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





## Technical data Aquajet® 14

| Plunger Ø |                 | Operating pressure | Flow rate | Engine power | Pump power |
|-----------|-----------------|--------------------|-----------|--------------|------------|
| 17.5 mm   |                 | 3200 bar           | 19 l/min  | 160 kW       | 135 kW     |
| 20 mm     | Pressure step 1 | 2600 bar           | 30 l/min  |              |            |
|           | Pressure step 2 | 2800 bar           | 26 l/min  |              |            |

## Mobile units

## Further versions available



Road going

Length: 4.54 m  
Width: 1.93 m  
Height: 2.42 m

Weight: 3.0 t



Road going - compact

Length: 4.54 m  
Width: 1.93 m  
Height: 2.00 m

Weight: 2.6 t



Basic

Length: 2.13 m  
Width: 1.33 m  
Height: 2.21 m

Weight: 2.0 t



10' - Container

Length: 2.99 m  
Width: 2.44 m  
Height: 2.54 m

Weight: 4.6 t

Overall dimensions – All weights are net weights incl. fuel

# Industrial high pressure application systems

Aquajet® 14 pump units can be used with a wide range of water tools



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