Diesel driven high pressure pump units
14 series – Industrial standard

Types
- **Aquajet® 14** up to 43,500 psig

The high pressure pump units are built to be reliable and user friendly.

The diesel engine, from a manufacturer with a world wide service network, is directly connected to the high pressure pump by a highly flexible coupling.

This assembly is mounted on a torsion free sub frame with anti vibration mountings as are all ancillary components such as boost pump, batteries and header tank.

Special features
- Compact design
- High power to weight ratio
- Extremely mobile
- Super sound damping on request
- Header tank with bypass and cooling water return lines
- Easy access to connections
- System safeguards
- Boost pump
- Electronic r.p.m. regulator
- Control and monitoring by ES2 computer
- Units with sound damping mounted on a fully closed base with drip pan

The units are available in the following variants:
- Basic unit: stationary without sound damping cover
- Stationary with sound damping cover
- Mobile with sound damping cover
- Road going on tandem axle trailer

Containerised with sound damping, e.g. a 10 ft. container for one unit or a 20 ft. for multiple units or unit and workshop combinations to customer specification.
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Road going design

1. The high pressure pump unit is outfitted with a sound damping cover. The wide opening angle of the large side panels provides easy maintenance access.
2. Aluminium fully closed base with internal drip pan and internally mounted fuel tank.
3. ES2 control with choice of operational languages.
5. Optional: height adjustable parallel tow bar.
6. Hot galvanised chassis.
   Optional: integral particle filter.

Road going 14 series units for use on public roads are mounted on a tandem axle trailer with overrun brakes. They conform to the German TÜV regulations. Height adjustable ring or ball type couplings are available on request.

<table>
<thead>
<tr>
<th>Unit Type</th>
<th>Pump Type</th>
<th>Op. pressure [psig]</th>
<th>Flow rate [GPM]</th>
<th>Power rating [HP]</th>
<th>Approx. dimensions 1) and Weight 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>stationary</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LxWxH [inch]</td>
<td>LxWxH [inch]</td>
<td>LxWxH [m]</td>
<td>[lbs]</td>
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<tr>
<td>Aquajet®14</td>
<td>HDP 144</td>
<td>43500</td>
<td>5.8</td>
<td>188</td>
<td>115&quot; x 61&quot; x 85&quot;</td>
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<td></td>
<td>HDP 144</td>
<td>37700*</td>
<td>6.6</td>
<td>36300</td>
<td>6&quot; x 96&quot; x 100&quot;</td>
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<td></td>
<td>36300*</td>
<td>7.9</td>
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* Performance selected by touch of a keypad

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