Diesel driven high pressure pump units
38 series

Types
- Aquajet® 38 up to 43,500 psig
- S 1600 - 38 up to 22,500 psig
- S 1100 - 38 up to 14,500 psig

All „S Class“ and „Aquajet“ units are complete with:
- Rigid base frame with anti vibration mounting feet
- Choice of Caterpillar or Volvo engine in accordance with Tier4i
- Insulated spiral silencer installation (32 dB(A) reduction) with exhaust and rain cap, particle filter or Ad Blue
- ES 2 electronic control and monitoring system with digital display for pump and diesel engine
- Pneumatic system with shaft driven compressor, air tank and bypass control
- Pneumatic pressure regulating valve or bypass valve
- Bypass water overflow line
- Burst disc safety device
- Stainless steel boost pump
- Stainless steel filter installation („S Class“ 200 µ & 10 µ, „Aquajet“ 1 µ)

There is a range of optional extras available which includes pump head lifting device, heating systems, water tanks and fuel tanks.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquajet®38</td>
<td>HDP 384</td>
<td>43500</td>
<td>16.1</td>
<td>470</td>
</tr>
<tr>
<td></td>
<td>HDP 384</td>
<td>30500</td>
<td>25.6</td>
<td>510</td>
</tr>
<tr>
<td>S 1600 - 38</td>
<td>HDP 383</td>
<td>22600</td>
<td>33.8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>HDP 383</td>
<td>17800</td>
<td>44.4</td>
<td></td>
</tr>
<tr>
<td>S 1100 - 38</td>
<td>HDP 382</td>
<td>14500</td>
<td>53.9</td>
<td></td>
</tr>
<tr>
<td></td>
<td>HDP 382</td>
<td>12000</td>
<td>65.7</td>
<td></td>
</tr>
</tbody>
</table>

- Rod force: 47,200 lbf
- Stroke: 3 inch
- Mean piston speed at n₂
  - 340 1/r.p.m. = 2.82 foot/sec
  - 410 1/r.p.m. = 3.38 foot/sec
  - 490 1/r.p.m. = 4.04 foot/sec