



Experience Innovation

## Model: 32 GPM Hydraulic Power Unit

Name: 32HPU

Thompson hydraulic power units, used in conjunction with hydraulic submersible pumps, provide a powerful answer when high heads or high lifts become a factor on job sites. These unique variable speed and variable flow hydraulically driven submersible pumps and power units are manufactured from heavy-duty cast iron and steel for high reliability. The Thompson design allows for maximum versatility in dewatering applications and pumping materials.



Photo shown may not be exact model.  
Consult factory for other options.

| Pump Materials            |   |
|---------------------------|---|
| <b>Pump</b>               | HDP30.61, positive displacement, external gear type, single pump, 3.72 in <sup>3</sup> displacement.  |
| <b>Control Valve</b>      | Needle type.  |
| <b>Relief Valve</b>       | Pump mounted, internally pilot operated, pressure compensated with vent provision and pressure gauge for system diagnostics.  |
| <b>Reservoir</b>          | Fabricated steel, with internal baffles, large access port, drain valve, sight glass level and temperature gauge, air vent, sump strainer, and shutoff valve.   |
| <b>Sump Strainer</b>      | 100 mesh spin on type.  |
| <b>Return Filter</b>      | 60 gpm at 5 psi backpressure, 25 micron, in tank mounted with internal bypass at 25 psi, integral filler/breather   |
| <b>Hydraulic Coupling</b> | <u>Delivery:</u> 1" female Snap-Tite 75 series quick disconnect with dust plug;<br><u>Return:</u> 1.25" female Snap-Tite 75 series quick disconnect with dust plug;<br><u>Bypass:</u> .50" female Snap-Tite 75 series quick disconnect with dust plug |
| <b>Safety Shutdowns</b>   | Low hydraulic fluid level; high hydraulic fluid temperature.  |
| <b>Options</b>            | Aeroquip 5100 series quick disconnects, ISO46 Blue 10 #40240 hydraulic fluid, bio-degradable #40779, environmentally friendly hydraulic fluid, hydraulic hose racks or reels, discharge hose racks.   |

### Technical Specifications

|                            |                                  |                         |                         |
|----------------------------|----------------------------------|-------------------------|-------------------------|
| Maximum Hydraulic Flow     | 34 gpm (7.72 m <sup>3</sup> /hr) | Approximate Dry Weight  | 4,600 lbs (2,086.52 kg) |
| Maximum Operating Pressure | 2,800 psi (19.305 MPa)           | Maximum Operating Speed | 2,300 rpm               |

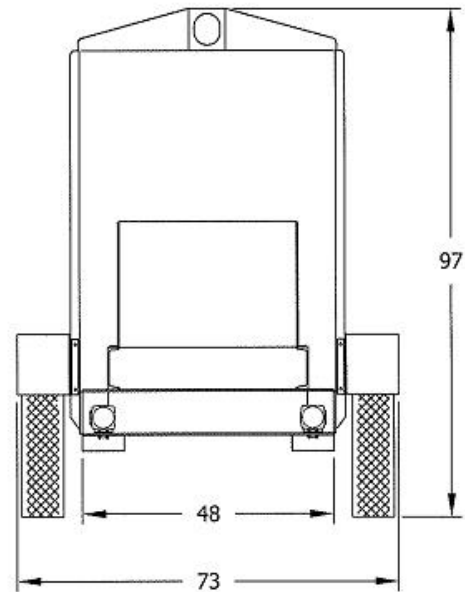
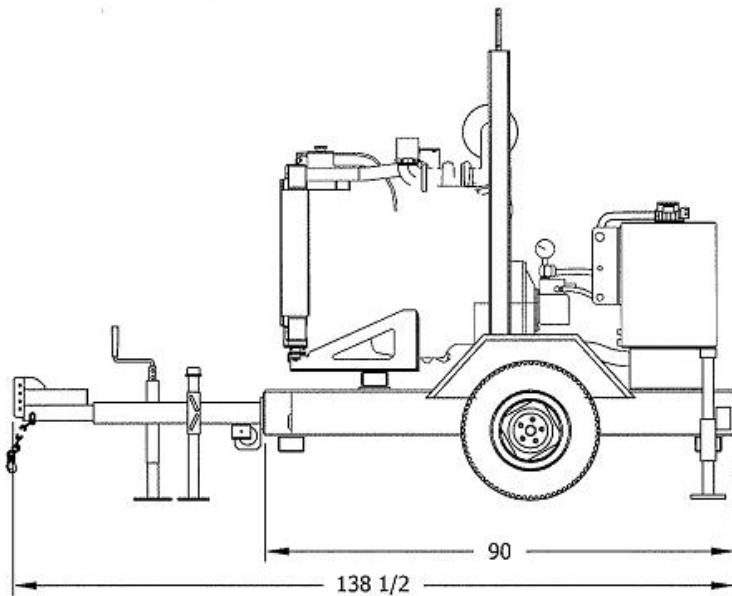
| Fuel Tank Options* | Deutz   | Cummins  |
|--------------------|---------|----------|
| Integral           | 62 Gal  | 31 Hours |
| Modular (M)        | 100 Gal | 50 Hours |

\*Contact factory for fuel tank sizes not listed above.

**Thompson Pump and Manufacturing Co., Inc.**  
4620 City Center Drive, Port Orange, FL 32129 USA  
www.thompsonpump.com

Nationwide 800-767-7310 • International +1-386-767-7310  
sales@thompsonpump.com Jul-20

| Engine Speed | Continuos Power | Delivered Hydraulic Flow | Maximum Pressure |
|--------------|-----------------|--------------------------|------------------|
| RPM          | HP              | GPM                      | PSI              |
| 1300         | 52.3            | 20                       | 2800             |
| 1400         | 56.6            | 21                       | 2800             |
| 1600         | 63.6            | 24                       | 2800             |
| 1800         | 68.2            | 27                       | 2800             |
| 2000         | 70.1            | 30                       | 2800             |
| 2200         | 71.6            | 33                       | 2800             |
| 2300         | 69.6            | 34                       | 2770             |



| Deutz TD3.6L4— 74 hp @ 2,400 rpm |                |                       |
|----------------------------------|----------------|-----------------------|
| Typical Operating Speed          |                | 2,300 rpm             |
| Maximum Fuel Consumption         |                | 3.84 gph (13.38 L/hr) |
| Engine Speed                     | Fuel Economy   | Run Time*             |
| 2,300 rpm                        | 0.387 lb/hp-hr | 16 hrs                |
| 1,800 rpm                        | 0.366 lb/hp-hr | 22 hrs                |
| 1,300 rpm                        | 0.359 lb-hp-hr | 31 hrs                |

| Cummins QSF2.8—74 hp @ 2,400 rpm |                |                       |
|----------------------------------|----------------|-----------------------|
| Typical Operating Speed          |                | 2,300 rpm             |
| Maximum Fuel Consumption         |                | 4.69 gph (17.75 L/hr) |
| Engine Speed                     | Fuel Economy   | Run Time*             |
| 2,300 rpm                        | 0.376 lb/hp-hr | 16 hrs                |
| 1,800 rpm                        | 0.369 lb/hp-hr | 21 hrs                |
| 1,300 rpm                        | 0.380 lb-hp-hr | 29 hrs                |

\*Engine run times calculated based on a 62 gallon fuel tank.

Specifications and illustrations are subject to revision without notice and without incurring any obligation for previous or subsequent equipment sold. Thompson Pump (ISO 9001:2015) makes no representation regarding the completeness or accuracy of this information and is not liable for any direct or indirect damages arising from or relating to this information or its use. Capacity & Head are shown for comparative purposes. Consult Thompson factory for exact capabilities.