

High Pressure Pump Information

Max Pressure: 360 to 380 psi

Weight: 60 lbs. maximum (without fuel can)

Fuel Consumption: \approx 1.2 gal/hr.

Minimum Pump Performance at Sea Level:

- 78 gpm at 100 psi
- 65 gpm at 150 psi
- 32 gpm at 250 psi
- 18 gpm at 300 psi

High Pressure Pump Starting Procedures:

- Verify correct fuel/oil mixture in fuel tank. Attach fuel line to tank and pump.
- Open fuel supply line valve and fuel tank vent.
- Attach discharge and suction hose with foot valve and prime pump head.
- Move throttle lever to Start and Warm Up position (center).
- Slowly pump fuel bulb until fuel mixture is just touching the bottom of carburetor.
- If pump is equipped with on/off switch, turn it on.
- On Mark 3 pump, ensure over-speed reset rod is pushed in.
- Close choke if engine is cold.

- Pull starter rope with short quick pulls until engine pops.
- Immediately set choke lever to run position.
- Pull starter rope approximately 1 to 3 more times and engine should start.
- Allow engine to warm up for at least 2 minutes before moving the throttle to the run position.
- Water must flow through the pump head at all times. Run pump at full throttle, open check, and bleeder valve to maintain flow through pump and to control pressure. Use 1" port on check and bleeder valve to re-circulate water back to water source.

Mixed Fuel Ratios:

- High pressure pumps (all years) – 24:1
- Two-stroke lightweight pumps – 50:1
- Stihl and Husqvarna chainsaws (all years) – 50:1