

High Rate Quintuplex Pump (QNT3000 Thunder Pump)

Experience the ultimate evolution of pump performance with the durable, continuous service, high rate quintuplex pump. STEP Energy Services' 3,000 HHP quintuplex pump combines high pressure and high flow rate capabilities into a single continuous service pump. STEP's powerhouse pump delivers unparalleled performance at unprecedented operating efficiencies resulting in significant economic savings for large scale operations in the Duvernay and Montney.

Features and Specifications

- Trailer mounted pump
- 3,000 brake horsepower (2,237 kw)
- 251,000 lbs rod load
- 36% more displacement than other 8" stroke models
- 11" stroke length for reduced consumable life cycles and superior flow rate capability
- Optimized crankshaft design for minimal vibrations
- Heavy-duty, modular design that exceeds typical frac trailer overhaul, limited downtime by standardizing the maintenance schedule for the entire unit
- Falcon twist in spring retainer technology for rapid valve changes with no alignment requirements or special tools
- Stainless steel construction for superior corrosion resistance
- Tested power end 2 million cycles prior to field testing at multi well pad in the Montney

