



FLUID PUMPING EQUIPMENT FLUID PUMPERS

Triplex & Quintuplex Fluid Pumps



ECWS fluid pumping equipment is designed to meet the requirements of the toughest wellbore(s). The pumpers perform such duties as coil assist, wireline pumpdown, diagnostic fracture injection test (DFIT), and various high horsepower applications. ECWS fluid pumpers provide a full range of coiled assist abilities that provide an economic advantage and the ability to transport both surface iron and treatment chemicals.

Coiled tubing rigs are supported by a fleet of fluid pumpers. Fluid pumpers maintain downhole circulation, provide ancillary acid/solvent treatments, inject friction reducers and other chemicals into the wellbore for completion purposes and hole cleaning. Fluid pumpers also perform stand-alone pumpdown work, pre-fracture testing and frac support work independent of the coiled tubing fleet.

Features and Benefits

- ▲▲▲ 15,000 psi pressure rating
- ▲▲▲ 660 to 1,500 horsepower rating
- ▲▲▲ Up to 3,000 L/min pump rate capability
- ▲▲▲ Dual 1.6 to 5.0 m³ mixing tanks
- ▲▲▲ Radar tank level sensors
- ▲▲▲ Removal of probe
- ▲▲▲ Pump-to-coil data networking
- ▲▲▲ No false readings
- ▲▲▲ Custom engineered data acquisition system (DAS)
- ▲▲▲ Ability to pump well servicing fluids and chemicals

Pumping Specifications

| Pump Type | Rated Horsepower (hp) | Pump Rate @ 40 MPa (L/min) |
|-----------------|-----------------------|----------------------------|
| Twin Triplex | 660 | 850 |
| Twin Quintuplex | 800 | 1,100 |
| Twin Quintuplex | 1,000 | 1,700 |
| Twin Quintuplex | 1,500 | 2,800 |

Why Work With Essential?

Essential Coil Well Service (ECWS) has one of the largest coiled tubing fleets in Canada. Our mastered and conventional coiled tubing units work in conjunction with our fluid and nitrogen pumping fleet, aligning our services in a high demand, high utilization, deep well market. Our mission includes the delivery of safe, reliable and cost-effective oil and gas services. We approach our service as a partnership — our success is linked to our customers' success and we build lasting relationships based on trust, reliability and extraordinary service.

Additional benefits of working with ECWS include 24/7 on-call engineering support, quality control services, real-time job monitoring, post-job and trend analysis. ECWS also has over 20 years of experience operating industry equipment and among the lowest TRIF in the industry.

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essentialenergy.ca/services/essential-coil-well-service/