

# TTCS Service Equipment

## Thru-Tubing Capillary Services

### TTCS SERVICE EQUIPMENT

BlueFin provides customers with reliable, dependable, and cost-effective systems including the latest designs in Thru-Tubing Capillary Services (TTCS) equipment, in conjunction with quality chemical injection components.

Coupled with BlueFin's qualified personnel, we install chemical injection systems at optimal depths, thus ensuring chemical management integrity.

BlueFin has all the components needed: injection valves, exit manifolds, anti-siphon valves, check valves, and filter assemblies, both 5k and 10k rated. BlueFin can also provide BOP's, tree flanges, and single or dual well pack-off seal with line anchors.

### TTCS TRUCK & TRAILER UNIT SPECS

- Fully self-contained unit requires no additional rental
- Diesel-hydraulic power pack
- Multiple hydraulic systems to run separate systems simultaneously
- Hydraulic fluid used is biodegradable (Ecoterra 68)
- Large fuel capacity for extended work periods in the field
- Equipped with Stellar 12630 Crane and Outrigger
- 30 ft reach with 12,000 lbs capacity
- Capable of utilizing tubing sizes of 1/4", 3/8", 1/2", and 3/4"
- Run speed of up to 250 ft per minute
- Line counters to ensure setting depths
- Triplex Pump for fluid injection and/or circulation
- Onboard tanks for water
- External fluid supply connection allows customer fluids to be pumped into well



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