

Unit Specifications

Coil Tubing Unit – Deep Trailer High Capacity



Titanium's' deep Trailer Coil Tubing Unit is pulled by a Peterbilt single steer, tri-drive chassis with a full wet kit. The Coil Unit is on an Atoka Tri-Axle Trailer and has Available Jeep and Booster package to make legal weights. This Unit has applications for deep horizontal completions and workovers, and have the advantage of carrying large diameter tubulars, and 150 feet of umbilical for long reach to minimize moving around on pad sites.

Titanium's' Coil Tubing Units are designed for reliability and meet all Standards for Highway vehicles.

All Units have the ability to work on Class I, II, or III wells and are equipped to intervene on wells up to 500F.



EQUIPMENT

The Coil Tubing Unit has a variety of equipment included with the package such as an Extendible control cabin, an injector, a coil tubing reel, a picker, and a blowout preventer.

Control Cabin

Mounted on the deck is an automated scissor lift operator's station. It extends several feet above the tubing reel to give the operator a clear view of the wellhead and the activity around it. It is temperature controlled so the unit can be operated comfortably in temperatures from -40C to +50C.

There is a control panel in the operator's station control panel is fitted with the following:

- Hydraulic Controls
- Full Medco Data Acquisition System
- Hydraulic Controls
- Electronic Gauge Cluster
- Electronic BOP controls

Injector

This unit uses Hydra Rig 80K injector

- Pull 80,000lb, Snub/40,000lb
- Rate in Low Gear 40 m/minute
- Injector weight 12000lbs
- Chain Tension Hydraulically Adjusted
- Skate Pressure Hydraulically Adjusted
- Tubing Stripper NOV Quick-Strip 10K
- Blow Out Preventer 10K Quad BOP

Coil Tubing Reel

The reel uses a Hydra Rig offset open spoke type of construction with square and rectangular steel tubing. The 80" core consists of a rolled steel tube and lateral cross support beams. The tubing reel is mounted on heavy duty roller bearings in a steel frame that is complete with level line to spool the tubing evenly. The reel has a dual ported drum with 10K Rotating Joint and 1502 Treatment Iron and 3" 15K valves.

Reel Capacity

- 44.5mm diameter coiled tubing 7000m
- 50.8mm diameter coiled tubing 7000 m
- 60.3mm diameter coiled tubing 6500 m

Picker

The Injector Head can be supported by a telescopic boom Crane with 45 US ton lift capacity.

BOP

This unit uses a 5" 10k Quad Hydraulic BOP system, which has Quick Lock Hydraulic Actuators, and complete with fire retardant hose package.