

## Unit Specifications

### Coil Tubing Unit – Offshore Skid



Titanium's' Off Shore Skid mounted Coil Tubing Unit consists of four skids which can be used for land or sea well intervention. This Unit has applications for deep Vertical or horizontal completions and workovers.

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 that includes four Major Components: the Operator Cabin, Reel, Injector/BOP and engine and Hose package.

## **Control Cabin SKID**



Mounted on the deck is an automated Strap 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:

- The engine is a CAT C-15 pre-emission engine that powers a Performance Innovations (Pi) Wet kit.
- The Hose package consists of 150 feet of high pressure hose, allowing for distant rig ups and connectivity to all SKID components.
  - Hydraulic Controls
  - Full Medco Data Acquisition System
  - Hydraulic Controls
  - Electronic Gauge Cluster
  - Electronic BOP controls

## Injector SKID



This unit uses a Pi 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

## **BOP**



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



## **Coil Tubing Reel SKID**



The reel uses an S&S 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**

- 38.1mm diameter coiled tubing 7500m
- 44.5mm diameter coiled tubing 6000 m
- 50.8mm diameter coiled tubing 4000 m