

# *CTCL Unit - Coiled Tubing Cement Loading Unit.*

The Supra Completions Ltd. CTCL Unit is a trailer mounted cement pumping system for efficient, cost effective handling of oilfield cement. Applications include coiled tubing abandonment operations and remedial cementing operations.

The CTCL can be used anywhere down hole operations call for installation of a cement pill into coiled tubing. It is a proven, fast, safe, cost effective method when used with the Supra hydraulic bailer system.



## *Features*

- 2950 kg (6500 lb), 4.8 HP, trailer mounted system towed with a pickup truck
- Meets the weight restrictions of 50% roads (when water tank empty)
- Up to 1440 kg (3175 lb) (72 bags) of cement in the cargo area
- Water storage capacity: 550 l (145 gal) Cement batch: 200 l (50 gal)/run
- Max discharge pressure: 250 kpa (37 psi)
- Max discharge rate: 700 l/min (185 gpm)

## *Operation*

- The CTCL is spotted on location according to lease and minimum spacing requirements.
- Permanent bridge plug and hydraulic setting tool are prepared and installed on the coiled tubing unit and run to depth, set, pressure tested and setting tool is retrieved.
- While the coil unit is pulling out with the setting tool, cement is batch mixed and the CTCL is prepared to load the cement into the coil upon its return to surface.
- With coil back on surface, the bridge plug setting tool is removed and the cement lines and loading paraphernalia are rigged up to the coil.
- With the coil loaded with cement and the hydraulic bailer installed, coil trips back to bottom, pressures up at surface and deposits the cement on top of the bridge plug.

## *Benefits*

- Maximize equipment utilization. Abandonment operations can be completed with a shallow or intermediate coiled tubing unit and the CTCL unit.
- Maximize man power utilization for cementing operations. The CTCL requires a single technician for down hole tool installation and cement preparation.
- Maximize the safety of wellsite operations by minimizing personnel and equipment on location.
- Minimize cementing costs through efficient use of time, personal and equipment.
- Minimize time spent at the wellsite with smooth and efficient coiled tubing operations.
- Minimize transportation costs for all equipment to the wellsite.