

STEP Energy Services is an industry leader in the oilfield services sector and an innovator of coiled tubing (CT) equipment. We are capable of servicing wells at extended reach depths, more efficiently and safely than ever before. As the experts in applying fit-for-purpose CT technology, we consistently deliver an Exceptional Client Experience to operators and help them increase reservoir performance in their increasingly challenging intervention programs.

Conventional Coiled Tubing

Ultra-Capacity Spread

STEP is changing the way CT operations are executed in the industry. The ultra-capacity conventional CT spread is designed to increase reel capacity, improving operational efficiencies for clients employing multi-well pad drilling techniques with challenging horizontal well programs. Reel trailers can carry up to 6,800 m (22,300 ft) of 73.0 mm (2-7/8”).

Features and Specifications

COMMAND CENTER

- 48 foot trailer consisting of three separate modules; enclosed engine room for noise reduction, a dedicated tool/locker room, and ergonomically designed control cab
- Real-time CT force and fatigue monitoring with remote display capability
- Auto-leveling trailer
- Large fuel capacity for multi-day operations

Ultra-Capacity Reel Trailer

- Class 3 well control equipment (high pressure)
- Standard tandem stuffing box with camera
- Quick change cartridge work reel

Standard Conventional Units

These units are adaptable and capable of maximizing efficiency and results in today’s horizontal well intervention programs.

Features and Specifications

- Pulling capacity of 80,000 lbs
- Equipped with HR680 injector
- Real-time CT force and fatigue monitoring
- Class 3 well control equipment (high pressure)



Maximum Reel Capacities				
Coiled Tubing OD	Ultra-Capacity Units		Standard Conventional Units	
	Length (Metric)	Length (Imperial)	Length (Metric)	Length (Imperial)
44.5 mm (1-3/4")	17,980 m	59,000 ft	>7,000 m	>22,966 ft
50.8 mm (2")	13,650 m	44,800 ft	>7,000 m	>22,966 ft
60.3 mm (2-3/8")	9,900 m	32,500 ft	6,250 m	21,720 ft
66.7 mm (2-5/8")	7,900 m	25,900 ft	5,230 m	17,160 ft
73.0 mm (2-7/8")	6,800 m	22,300 ft	4,500 m	14,756 ft

Mast Coiled Tubing Unit

STEP’s large-capacity, mast coiled tubing units are designed for 44.5 mm to 73.0 mm (1-3/4” to 2-7/8”) OD tubing with lengths that service the extended reach challenges of today’s horizontal wellbore. Injector specifications have been selected specifically to meet the demands of 24 hour continuous operations. By utilizing mast technology an additional crane unit is eliminated, improving rig up times, injector stability, and most importantly, worker safety.

Features and Specifications

- 57,800 daN (130,000 lbs) lifting; 26,700 daN (60,000 lbs) snubbing injector
- Real-time CT force and fatigue monitoring
- Class 3 well control equipment (high pressure)
- Standard tandem stuffing box with camera
- 18 m (55.8 ft) mast height (to ground level)
- Quick change cartridge work reel
- Anti 2-block
- Auto-leveling trailer

Maximum Reel Capacities		
Coiled Tubing OD	Length (Metric)	Length (Imperial)
44.5 mm (1-3/4")	>7,000 m	>22,966 ft
50.8 mm (2")	>7,000 m	>22,966 ft
60.3 mm (2-3/8")	6,250 m	21,720 ft
66.7 mm (2-5/8")	5,230 m	17,160 ft
73.0 mm (2-7/8")	4,500 m	14,756 ft

