

# Offshore Coil Tubing Unit



## Profile

The modular KOLLER offshore Coil Tubing Unit has been developed as a flexible, fit-for-purpose system that is easily adaptable for various offshore structures i.e. barges, platforms, spars, floaters, and tension-leg platforms.

The unit works with tubing sizes ranging from 1 1/4" to 2 3/8", and can be equipped as well with e-line tubing.

It contains four main modules:

- control cabin
- hydraulic power pack
- coil tubing reel
- transport baskets that contains well-control equipment and the injector head.

Modular in design, the hydraulic power pack, the control cabin, and the transport basket are built in DNV certified frames and the control cabin can be placed on top of the hydraulic power pack. This design reduces the total weight and footprint of the entire CT system.

- modular skid design
- high reel capacity (6,000 m of 1 1/4" tubing)\*
- max. pressure of 10,000 psi
- air conditioning and electric heating in the operator's cabin
- hydraulic driven control reels
- ambient temperature -30°C up to +55°C
- Caterpillar C15 engine, 504 hp / 376 kW\*
- ATEX 201/34/EU Zone 2 3G
- DNV 2.7-1 carbon steel frames

\*configurable by customer

# Offshore Coil Tubing Unit

## Power Pack Container

### Dimensions

Length	21.95 ft / 6,690 mm
Width	9.84 ft / 3,000 mm
Height	9.48 ft / 2,890 mm

### Weight

Tare weight	41,888 lbs / 19,000 kg
Max. weight	48,502 lbs / 22,000 kg

### Engine

Type	Caterpillar C15 „ATEX“
Output	504 HP / 376 kW

### Ambient temperature

Min.   max.	-30°C / -22°F   55°C / 131°F
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## Coil Tubing Reel Skid\*

### Dimensions

Length	16.40 ft / 5,000 mm
Width	9.84 ft / 3,000 mm
Height	13.37 ft / 4,075 mm

### Weight

Tare weight	27,117 lbs / 12,300 kg
Max. weight	97,003 lbs / 44,000 kg

### Swivel

Range	20°
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\*without reel and tube

## Operator Container

### Dimensions

Length	14.33 ft / 4,370 mm
Width	9.84 ft / 3,000 mm
Height	9.50 ft / 2,896 mm

### Weight

Tare weight	16,976 lbs / 7,700 kg
Max. weight	22,046 lbs / 10,000 kg

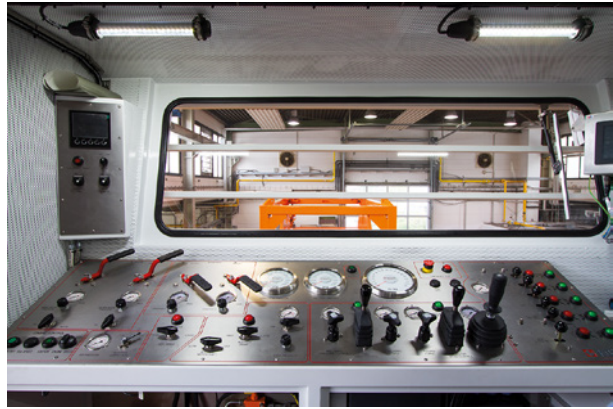
## Reel

### Dimensions

Outer diameter	12.00 ft / 3,685 mm
Core diameter	8.00 ft / 2,440 mm
Width	7.05 ft / 2,150 mm

### Weight

Tare weight	9,259 lbs / 4,200 kg
Tube diameter range	1 1/4" - 2 3/8"



## Auxiliary Equipment Transport Skid

### Dimensions

Length	16.40 ft / 5,000 mm
Width	8.20 ft / 2,500 mm
Height	13.37 ft / 4,075 mm

### Weight

Tare weight	4,630 lbs / 2,100 kg
Max. weight	44,093 lbs / 20,000 kg

### Content (configurable by customer)

- 80k Injector
- 108" Gooseneck
- Single/Dual BOP
- Stripper
- Lubricator
- Tooling



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