

Coiled Tubing Skid 100



Profile

This KOLLER Coiled Tubing Skid was developed to cement freeze holes up to 350 m depth.

The system is designed to use injectors with up to 9 tons / 20,000 lbs pull force. In the present configuration the injector pulls 5 tons / 11,023 lbs. The maximum tubing length on the reel is 1000 m.

All the drive and control instruments are placed within a 20ft container. It contains the hydraulic power pack, the air-conditioned operator's cabin, as well as the supply hoses and the test leads. The supply hose reels are hydraulic-driven. The unit is fitted with a safety shutdown (deadman switch).

- high reel capacity (400 m of 1.25" tubing)
- heatable hydraulic tank
- air conditioning and electric heating in the operator's cabin
- ambient temperature -30°C up to +50°C
- Caterpillar C6.6 engine, 129 hp / 96,2 kW (engine pre-heater for low temperature applications)



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Power Pack Container

Length	6,058 mm / 19.87 ft
Width	2,438 mm / 7.99 ft
Height	2,720 mm / 8.92 ft
Tare weight	9,260 kg / 20,414 lbs
Max weight	10,260 kg / 22,619 lbs
Engine type	Caterpillar C6.6
Engine output	129 hp / 96.2 kW
Ambient temperature	-30°C / +50°C
Noise level outside	82 db
Noise level cabine	72 db



Coiled Tubing Reel

Length	3,220 mm / 10.56 ft
Width	2,000 mm / 6.56 ft
Height	2,992 mm / 8.92 ft
Tare weight	4,232 kg / 9,329 lbs
Max weight	5,127 kg / 11,303 lbs
Swivel range	20°
Tube diameter	1,25"
Tube length	400 m
Tube length (useful)	350 m



Injector

Length	2,093 mm / 6.86 ft
Width	1,450 mm / 4.75 ft
Height	2,817 mm / 9.24 ft
Max weight incl. extra weight	4,382 kg / 9,660 lbs
Max. pull force	5 t
Max. speed	15 m/min
Grease tank capacity	6 l

