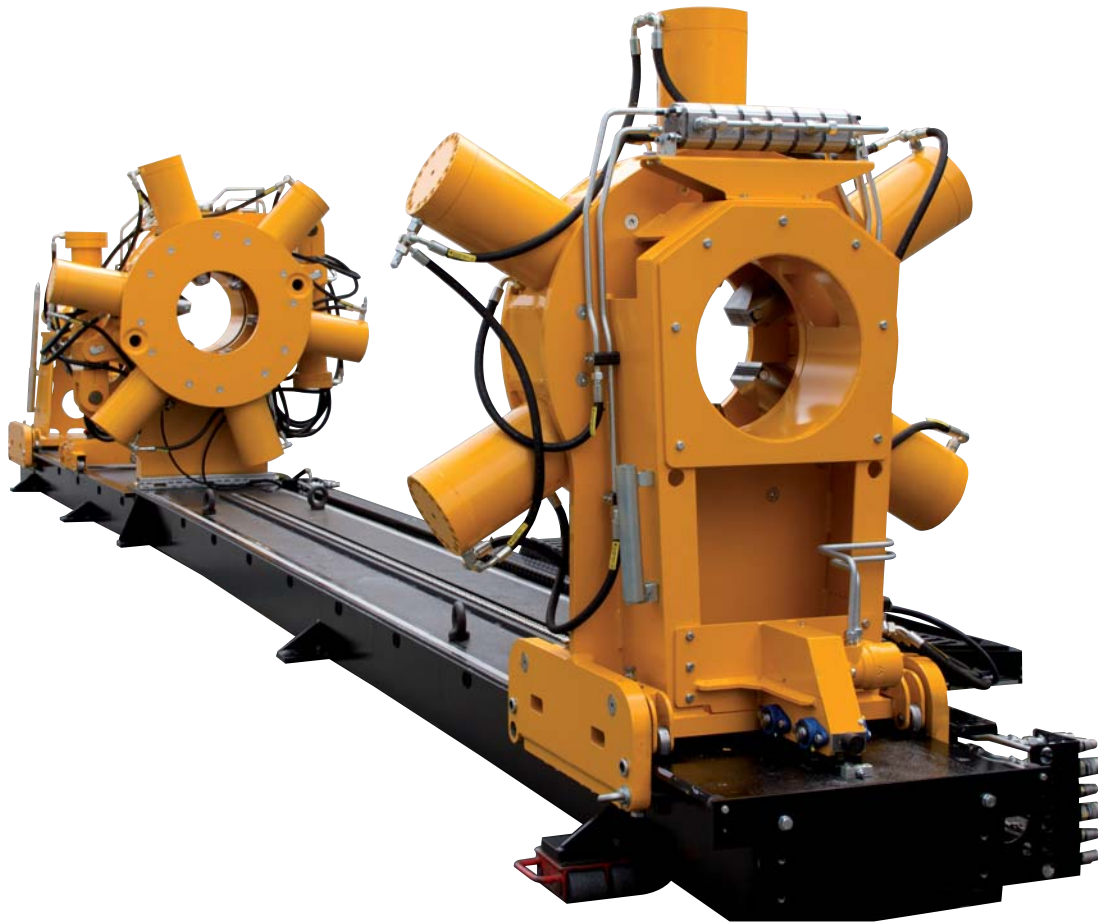


Power Torque



Profile

The KOLLER Power Torque was designed for the fast and precise making or breaking of threaded connections on completion strings

The base frame supports a turnable chuck that contains one of two vises that can be rotated by hydraulic cylinders.

The second stationary vise can be moved horizontally on rollers and driven by a hydraulic motor. Rocking movements during the fitting of connections are avoided by the adjustable guides. Each vise is equipped with its own hydraulic power unit for the hydraulic supply.

The Power Torque is controlled from a operation panel outside the hazard area. It is equipped with all necessary buttons/ switches, a touch screen for setting the parameters of the hydraulic pressures and torques and a joystick for moving the sliding chuck.

- Including separate hydraulic power unit with 15 kW / 20.4 HP and a working pressure of 350 bar / 5,075 psi
- Pipe diameter up to 14"
- Operation Panel with touch screen, which shows exactly the target and performance
- Ethernet connection to run external comparisons
- CE mark according machinery directive 2006/42/EC
- Extendable with a pull/push mounting cylinder and a moveable support jack
- Quick-action coupling system for the easy mounting or dismounting

Power Torque

Dimensions

Total length	7,000 mm / 22.97 ft
Width	1,540 mm / 5.05 ft
Height	1,930 mm / 6.33 ft
Gross weight	7,983 kg / 17,600 lbs

Specifications

Torque, max (make)	251 kNm
Torque, max (breake)	367 kNm
Hydraulic pressure	250 bar
Clamping force, F_{max}	594 kN
Hydraulic pressure	295 bar / 4,279 psi
Tool diameter min. / max.	144 mm / 441 mm

Environmental influences

Ambient temperature	-20 °C - +50 °C
Air humidity, max.	96 %

Hydraulic system

Motor output	15 kW / 20.4 HP
Rated rpm	1,450 rpm
Operating pressure (low)	5 bar / 73 psi
Operating pressure (high)	315 bar / 4569 psi
Return pressure, approx.	5 bar / 73 psi
Pump delivery	110 l/min

Electric connection

Voltage	400 V AC
Frequency	50 Hz
Amperage	16 A

