

SAFETORQCT™

APPLICATION

- Make-up/Break-out of Tool Joints
- Make-up/Break-out of service connections

FEATURES

- Enables safe make up and break out of connections
- Light weight
- Easy to operate
- Bi-directional Hydraulic Cylinder
- Hand Pump operated; no other power source required.
- Easy to change replaceable dies.
- Adjustable to suit a range of diameters.

ADDITIONAL INFORMATION

- The SafeTorqCT is supplied in a flight case which contains everything required to enable connections to be made-up/break a connection.
- Extended length hydraulic hoses are available on request.
- Total weight of transportation case with complete SafeTorqCT™ kit inside is 60kgs.

The WellEnTech SafeTorqCT™ is a device for the make-up and break-out of threaded connections. The design permits torque to be applied while the operator can remain at a safe distance during force transmission. The SafeTorqCT™ comes complete with a Hydraulic Hand Pump and Bi-directional Hydraulic Cylinder. The heat-treated Dies are designed for longevity and are easy to replace. The design enables thread make-up / break-out of vertical and horizontal tool strings making it ideal for both workshop and rig site locations. The SafeTorqCT™ is supplied with hoses and suspension sling all contained within a hard-wearing transportation case, to provide a fully “out of the box” solution for all torqueing requirements.

TECHNICAL SPECIFICATION

Clamp Range (Inches)	Weight (Kg)	Max Working Pressure (psi)	Max Torque (ft.lbs)	Assembly No.
1-11/16" to 3-1/8	15	9,000	8,300	505-0300-A001

OPERATION

The WellEnTech SafeTorqCT™ consists of two separate clamping components connected via a Bi-directional Hydraulic Cylinder. The clamps are opened and attached to either side of a connection. The clamps are then tightened, and the hoses fitted to the Hydraulic Cylinder. The application of hydraulic pressure produces a torque which can be used to make-up or break a connection under fully monitored and safe conditions.

