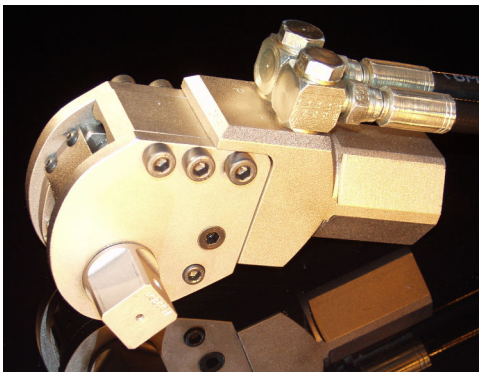
# CR50 HYDRAULIC TORQUE WRENCH – TECHNICAL DATA







No statement or data within this literature is warranted or guaranteed to be accurate.

# CR50 HYDRAULIC TORQUE WRENCH – TECHNICAL DATA

## DESCRIPTION

The CR50 Hydraulic Torque Wrench is a square drive hydraulic driven power tool designed to accurately apply torque to tighten and remove threaded fasteners.

Torque is controlled by regulating the hydraulic pressure via a separate hydraulic power pack. Corresponding pressure settings and torques are determined using the graph provided.

The square drive is quickly detachable from the wrench body to allow for tightening and un-tightening applications.

The reaction foot is rotatable and reversible to allow for tightening and un-tightening reaction positions. It is possible to remove the reaction foot and react with the tool body's hexagon section

The CR wrench must always be operated with the following:-

- Double Acting Hydraulic Power Pack capable of 10,000 psi (690 bar) with low pressure return
- Hydraulic Mineral Oil (None Synthetic, Grade 32 or equivalent)
- Hydraulic Hoses (Working Pressure 10,000 psi, 6mm Bore)
- Impact Quality Sockets

## SPECIFICATION

| | |
|---|---|
| Output Square Drive (Male): | 3-1/2" (88.9mm) |
| Torque Accuracy: | +/- 3% |
| Minimum Output Torque: | 13,600 Nm (10,000 lbf.ft) |
| Maximum Output Torque: | 68,000 Nm (50,000 lbf.ft) |
| Maximum Working Pressure: | 690 bar (10,000 psi) |
| Maximum Return Pressure: | 50 bar (725 psi) |
| Total Weight (Including Reaction): | 103Kg (227.08 lbs) |
| Wrench Port Size: | 1/4" NPT |

## ACCESSORIES AVAILABLE

The following accessories are available upon request and can be custom made to suit requirements. Please contact W. Christie (Industrial) Limited for more information:-

- Special Reactions
- Male Hexagon Adaptors
- Female Direct Fit Adaptors
- Impact Quality Sockets
- Torque Checking System (Rundown Fixture)

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