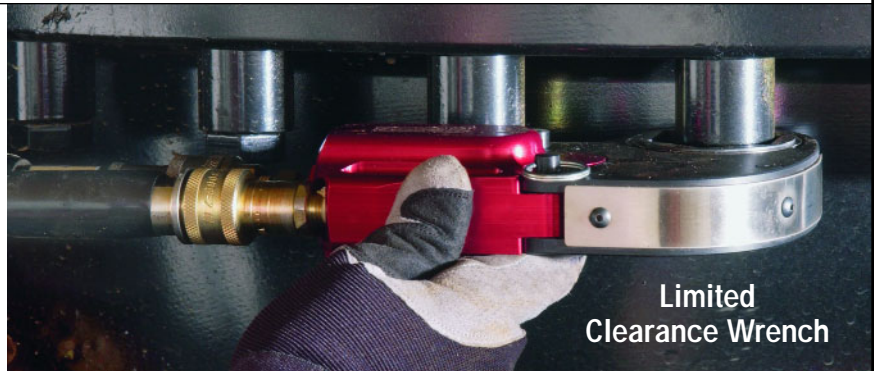


# Hydraulic Torque Wrenches available at your Cat® Dealer



Square Drive Wrench



Limited  
Clearance Wrench



F-Tool

## Helping you work faster, easier, smarter, better.

Looking for tools built for the way you work? Tools that set the standards for performance, durability and simplicity? Then look for Hydraulic Torque Wrenches at your local Cat Dealer. Chances are, we've got the ones to handle your toughest jobs.

- **Square Drive Wrench**—This field-proven tool has been perfected over the years. The best alloys available, combined with detailed engineering and precision machining, result in exceptional simplicity, accuracy and quality.
- **Limited Clearance Wrench**—Designed for the most inaccessible bolting areas found in the industry...and your workplace. Its long neck, short height and small radius let you work in places where other wrenches won't.
- **F-Tool**—The heavy-duty F-Tool is an easy-to-use, compact hydraulic power tool. Its accuracy and turning speed under load can cut hours off breakout and make up time in flange casing work.

Caterpillar. The difference counts.™

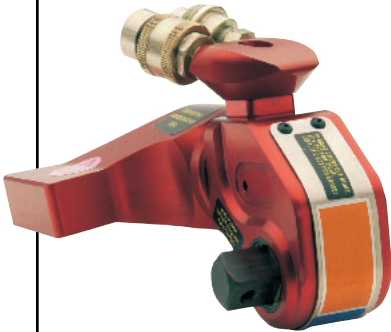
Cat Dealers define world-class product support. We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts keeps your entire fleet up and running to maximize your equipment investments.

**CATERPILLAR®**

# Hydraulic Torque Wrenches available at your Cat Dealer

## Square Drive Wrench



Part No.	Min. Torque	Max. Torque	Weight	Drive Size
242-1410*	70 ft lbs (95 Nm)	600 ft lbs (813 Nm)	2.4 lbs (1.09 kg)	3/4"
242-1411*	175 ft lbs (237 Nm)	1150 ft lbs (1559 Nm)	4.6 lbs (2.09 kg)	3/4"
242-1412*	455 ft lbs (617 Nm)	3016 ft lbs (4089 Nm)	10.1 lbs (4.58 kg)	1"

**Maintenance Kits are available for the Torque Wrenches:**  
 The Maintenance Kit for the 242-1410 is 246-0438.  
 The Maintenance Kit for the 242-1411 is 246-0439.  
 The Maintenance Kit for the 242-1412 is 246-0440.

- 360° hose swivel, to avoid hose interference
- Quick-release safety connectors
- High-strength, low-weight uni-body housing
- 60-point/360° adjustable reaction arm with quick-release adjustment
- Slide-through square drive to eliminate loose parts
- Anti-wear bushings to alleviate premature wear
- Complete one-year warranty

## Limited Clearance Wrench



Part No.	Min. Torque	Max. Torque	Weight
242-1413*	160 ft lbs (217 Nm)	1650 ft lbs (2237 Nm)	5.2 lbs (2.36 kg)
242-1414*	390 ft lbs (529 Nm)	3900 ft lbs (5288 Nm)	11.05 lbs (5.03 kg)
242-1415*	870 ft lbs (1180 Nm)	8700 ft lbs (11,796 Nm)	20.5 lbs (9.3 kg)

**Maintenance Kits are available for the Torque Wrenches:**  
 The Maintenance Kit for the 242-1413 is 246-0441.  
 The Maintenance Kit for the 242-1414 is 246-0442.  
 The Maintenance Kit for the 242-1415 is 246-0443.

- Low-profile, slim-line design
- Quick-release safety connectors
- High-strength, low-weight housing
- For use in low-height, radius-restricted and countersunk bolting applications
- Anti-wear bushings to alleviate premature wear
- Low-radius, interchangeable hex links with dual easy pin release
- Complete one-year warranty

## F-Tool



Part No.	Min. Torque	Max. Torque	Weight	Drive Size
242-1408*	170 ft lbs (230 Nm)	1200 ft lbs (1627 Nm)	5.80 lbs (2.63 kg)	3/4"
242-1409*	430 ft lbs (583 Nm)	2960 ft lbs (4013 Nm)	13.15 lbs (6.12 kg)	1"

**Maintenance Kits are available for the Torque Wrenches:**  
 The Maintenance Kit for the 242-1408 is 246-0436.  
 The Maintenance Kit for the 242-1409 is 246-0437.

- Adjustable/controlled pre-set torque, with +/- 3% accuracy for tightening
- Power setting for loosening stubborn/corroded bolts
- Easy-adjustable reaction member and hose swivel for ease of use and application fit
- Ergonomic lightweight design alloys
- For use with impact sockets
- Operates off any 10kpsi single- or double-acting pump
- Automatic hydraulic torque multiplier
- Complete one-year warranty

### Hoses and Pumps Information

Part No.	Name	Description	Remote Length	Hose Length	Weight
242-1436*	Hyd Pump	Manual Air Actuated Foot Pump	N/A	N/A	6.81 lbs (3.09 kg)
242-1435*	Hyd Pump	115 V Pump	20 ft (6.1 m)	15 ft (4.57 m)	49 lbs (22 kg)
245-9965*	Hyd Pump	230 V Pump	20 ft (6.1 m)	15 ft (4.57 m)	49 lbs (22 kg)
242-1432*	Hose	Single Hose	N/A	30 ft (9.14 m)	8.5 lbs (3.9 kg)
242-1433*	Hose	Double Hose	N/A	15 ft (4.57 m)	8.15 lbs (3.7 kg)
242-1434*	Hose	Double Hose	N/A	30 ft (9.14 m)	15.5 lbs (7.2 kg)

\* CE Compliant

For more information, see us today or visit our Web site at [www.CAT.com](http://www.CAT.com)

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