



**TORC**  
POWER TORQUE TOOLS

218 Island Rd., Mahwah, NJ 07430

info@torcbatterytools.com

www.torcbatterytools.com



Turn to Precision with the **TBT Series**

★ Made in USA

📍 Mahwah, New Jersey

💡 Industrial Grade



# ENGINEERED IN AMERICA. TRUSTED IN THE FIELD.

TORC designs and builds precision torque tools for the professionals who cannot afford a margin of error — automotive, aerospace, heavy machinery, oil & gas, wind power, rail, and defense. From cordless battery torque wrenches to fixed-torque calibration testers, every TORC tool is built around one goal: accurate, repeatable torque, delivered exactly where and when it's needed.

**±0.3%**

CALIBRATION ACCURACY

**20,000**

NM MAX TORQUE RANGE

**2,000**

STORED TORQUE  
RECORDS

**60 min**

FULL BATTERY  
RECHARGE

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# TORQUE TEST CALIBRATION

## Testing system for powered torque multipliers and pneumatic or electric torque wrenches.

The TBT Series Fixed-Torque Wrench Tester by TORC is a high-precision, non-impact torque testing solution built for performance in the most demanding industrial environments. Developed with advanced engineering and real-world application in mind, the TBT Series is the trusted tool for professionals across automotive, aerospace, heavy machinery, oil & gas, wind power, rail, and defense sectors.

Experience unmatched accuracy with a precision torque sensor and easily replaceable simulated bolts that replicate real-life operating conditions. The TBT Series dramatically reduces testing errors between the lab and field, ensuring reliable, repeatable results where it matters most.

### KEY FEATURES

- High-resolution, full-color digital display
- Peak torque hold for accurate performance tracking
- Exceptional torque accuracy of  $\pm 0.3\%$
- Simulated bolts designed for quick and easy replacement
- Portable, bucket-style housing for mobility and field-readiness



TBT SERIES — FIXED-TORQUE WRENCH TESTER

★ Made in USA



# TECHNICAL SPECIFICATIONS

## METRIC

| MODEL          | COMBINE TORQUE<br>(NM) | SINGLE TORQUE<br>(NM) | C<br>(INCH) | D<br>(MM) | H<br>(MM) | COMBINE SPEED<br>(RPM) | WEIGHT<br>(KG) |
|----------------|------------------------|-----------------------|-------------|-----------|-----------|------------------------|----------------|
| <b>TBT-60</b>  | 1500–6000              | 150–750               | 1-1/2"      | 129       | 257       | 2                      | 15             |
| <b>TBT-80</b>  | 2000–8000              | 200–1000              | 1-1/2"      | 129       | 257       | 2                      | 16             |
| <b>TBT-100</b> | 2500–10000             | 300–1200              | 1-1/2"      | 129       | 257       | 1.5                    | 18             |
| <b>TBT-120</b> | 3000–12000             | 400–1600              | 1-1/2"      | 129       | 257       | 1.2                    | 19             |
| <b>TBT-150</b> | 4000–15000             | 200–1200              | 2"          | 169       | 313       | 0.5                    | 43             |
| <b>TBT-200</b> | 5000–20000             | 400–1800              | 2"          | 169       | 313       | 0.4                    | 45             |

★ Made in USA



# TBT SERIES — LARGE SCREEN CORDLESS

## Precision. Power. Performance.

Engineered for professionals who demand accuracy and reliability, the TBT Series Digital Display Rechargeable Torque Wrench by TORC is the ultimate solution for fixed-torque bolt tightening and removal. Featuring an advanced microcontroller and smart motor control software, this cordless powerhouse delivers consistent, precision-calibrated torque with every use.

Designed for maximum efficiency in demanding environments, the TBT Series is the go-to tool for bolt assembly and disassembly across heavy-duty industries — including oil & gas, petrochemicals, mining, aerospace, military, railways, power generation, metallurgy, and construction machinery.

## WHY CHOOSE TORC'S TBT SERIES?

- ✓ **Cordless Freedom**  
Unmatched mobility without sacrificing power
- ✓ **Digital Display**  
Large screen for real-time torque feedback
- ✓ **Smart Torque Control**  
Microcontroller ensures exact, repeatable torque
- ✓ **Industrial-Grade Durability**  
Built to thrive in the toughest conditions
- ✓ **Versatile Applications**  
Ideal for both assembly and maintenance tasks

**Take control of your bolting operations — choose TORC's TBT Series.**



**TORC**

POWER TORQUE TOOLS  
[www.torcbatterytools.com](http://www.torcbatterytools.com)

TBT SERIES • KEY FEATURES

# ENGINEERED FOR PRECISION, BUILT FOR POWER



TBT SERIES — STRAIGHT DRIVE CONFIGURATION



TBT SERIES — ANGLED DRIVE CONFIGURATION

★ Made in USA



# PERFORMANCE & CONTROL

- ✓ **18V / 5.0Ah Lithium-Ion Power**  
Runs on a robust battery with built-in power display — lightweight, long-lasting, and ready to deliver high torque on every charge.
- ✓ **Smart LCD Interface**  
Full-color LCD display eliminates the need for torque comparison charts. Enjoy real-time data with  $\pm 5\%$  torque accuracy.
- ✓ **Advanced Brushless Motor Technology**  
Delivers higher output efficiency, extended tool life, and maximized performance on a single charge.
- ✓ **Intelligent Battery Monitoring**  
When battery power drops and affects torque precision, the system automatically shuts down and alerts, protecting both your work and the tool.
- ✓ **Multi-Layered Security**  
Multi-level password protection ensures controlled access in sensitive environments.
- ✓ **High-Precision Control**  
Torque can be adjusted in precise 1 Nm increments, allowing for ultra-fine tuning in critical applications.

## SMART ASSEMBLY FEATURES

- Bolt Counting function ensures every bolt is accounted for
- Standard Bolt Torque Recommendations streamline setup
- OK/NG (Pass/Fail) Judgments improve inspection workflows
- Torque + Angle / Angle + Torque Limit Modes for enhanced control



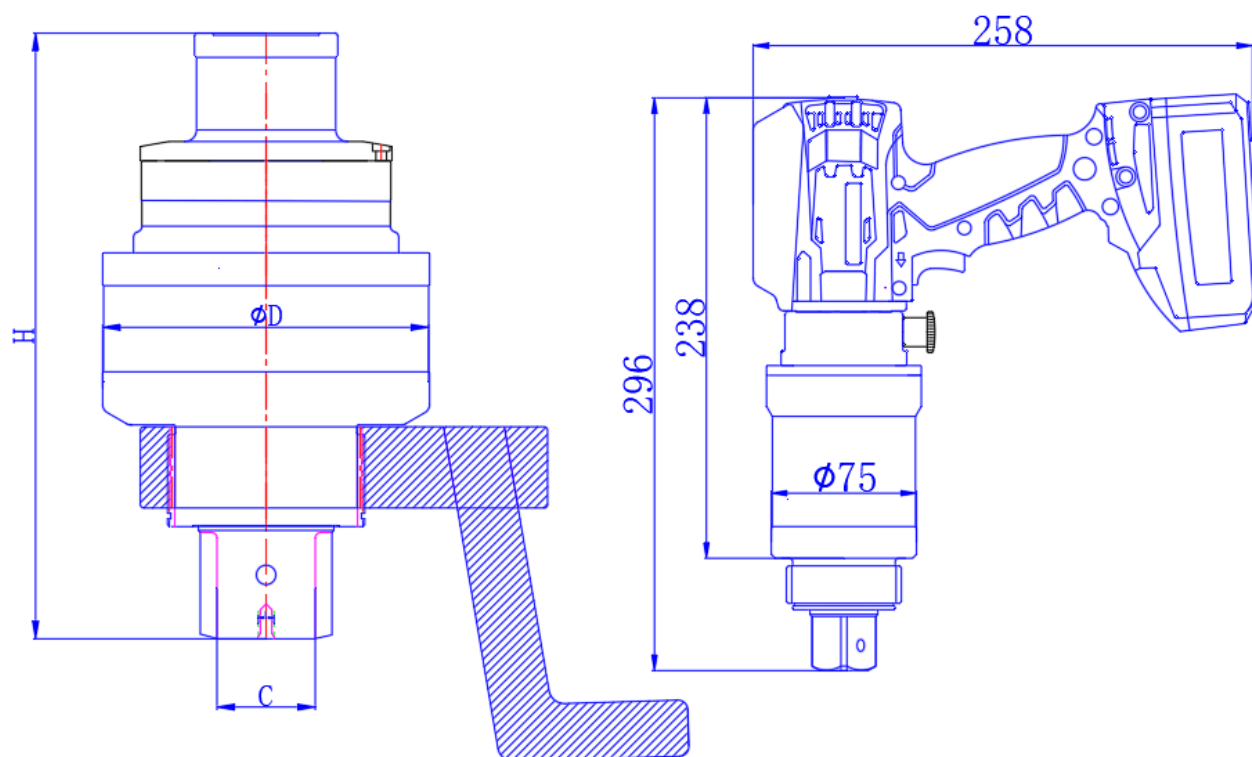
# DIAGNOSTICS & FIELD HANDLING

- ✓ **Memory & Diagnostics**  
Stores up to 2,000 torque operation records, complete with fault and over-temperature alarms for proactive maintenance.
- ✓ **360° Rotating Handle**  
Power handle and transmission mechanism rotate fully and include a mechanical locking system, offering flexibility and operator safety in tight spaces.
- ✓ **Field-Ready Design**  
Perfect for remote, power-limited environments where high-torque, precision assembly/disassembly is required — boosts both quality and productivity.
- ✓ **Rapid Recharge**  
Includes two 5.0Ah batteries and a fast charger — fully recharges in just 60 minutes, minimizing downtime.





## TECHNICAL PARAMETERS





## FULL SPECIFICATION TABLES

### METRIC

| MODEL          | TORQUE (NM)  | C DRIVE | D (MM) | L (MM) | FREE SPEED (RPM) | WEIGHT (KG) |
|----------------|--------------|---------|--------|--------|------------------|-------------|
| <b>TBT-002</b> | 80–200       | 3/4"    | 53     | 238    | 15               | 2.3         |
| <b>TBT-007</b> | 175–700      | 3/4"    | 53     | 255    | 7                | 2.8         |
| <b>TBT-016</b> | 350–1,600    | 1"      | 75     | 290    | 5                | 4.9         |
| <b>TBT-020</b> | 450–2,000    | 1"      | 75     | 295    | 4.5              | 4.9         |
| <b>TBT-025</b> | 600–2,500    | 1"      | 88     | 360    | 3.5              | 6.9         |
| <b>TBT-040</b> | 950–4,000    | 1"      | 88     | 378    | 2.5              | 7.4         |
| <b>TBT-080</b> | 2,000–8,000  | 1-1/2"  | 129    | 420    | 1.5              | 14.5        |
| <b>TBT-100</b> | 2,500–10,000 | 1-1/2"  | 129    | 426    | 1.5              | 14.7        |
| <b>TBT-150</b> | 4,000–15,000 | 2"      | 169    | 313    | 0.5              | 43          |
| <b>TBT-200</b> | 5,000–20,000 | 2"      | 169    | 313    | 0.4              | 45          |

### IMPERIAL

| MODEL          | TORQUE (FT-LBS) | C DRIVE | D      | L       | FREE SPEED (RPM) | WEIGHT (LBS) |
|----------------|-----------------|---------|--------|---------|------------------|--------------|
| <b>TBT-002</b> | 60–150          | 3/4"    | 2"     | 9-1/3"  | 15               | 5            |
| <b>TBT-007</b> | 130–520         | 3/4"    | 2"     | 10"     | 7                | 6.1          |
| <b>TBT-016</b> | 260–1,200       | 1"      | 3"     | 11-1/2" | 5                | 10.8         |
| <b>TBT-020</b> | 335–1,500       | 1"      | 3"     | 11-1/2" | 4.5              | 10.8         |
| <b>TBT-025</b> | 450–1,875       | 1"      | 3-1/2" | 14-1/6" | 3.5              | 15.1         |
| <b>TBT-040</b> | 700–3,000       | 1"      | 3-1/2" | 15"     | 2.5              | 16.3         |
| <b>TBT-080</b> | 1,500–6,000     | 1-1/2"  | 5"     | 16-1/2" | 1.5              | 32           |
| <b>TBT-100</b> | 1,850–7,500     | 1-1/2"  | 5"     | 16-1/2" | 1.5              | 32.3         |
| <b>TBT-150</b> | 2,950–11,050    | 2"      | 6-1/2" | 12-1/2" | 0.5              | 94.8         |
| <b>TBT-200</b> | 3,700–14,750    | 2"      | 6-1/2" | 12-1/2" | 0.4              | 99.2         |



# TORC

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