

ABOUT RAD TORQUE SYSTEMS

More than 30 years of gearbox design and engineering.

As a leading Canadian manufacturer of pneumatic, battery powered and electronic pistol grip torque wrenches, our proprietary precision tools are successfully used in the oil and gas, wind energy, petrochemical, mining, aerospace and manufacturing industries around the world.

Over a decade ago, we pioneered and patented the first programmable digital torque technology enabling effortless data collection and highly precise Bluetooth calibration.

We continue to innovate and achieve the highest level of quality and performance. Our operations are designed for maximum flexibility and responsiveness, ensuring every customer receives outstanding service.

RAD Torque Systems is owned and operated by New World Technologies Inc., a company that continues to invest in and employ the latest technology to achieve the highest level of innovation, quality, and performance – which has resulted in multiple patents.



NEW WORLD TECHNOLOGIES INC

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ADVANCED
BOLTING
TECHNOLOGY



WWW.RADTORQUE.COM



RAILWAY

RAD TORQUE + THE RAILWAY INDUSTRY

KEEPING SAFETY ON **TRACK**

If you work in the railway industry, you know that bolts are a pivotal part of track construction and maintenance.

At RAD Torque Systems, we design tools to help you connect tracks, ties, and locomotive engines with extreme accuracy to ensure your safety and the safety of the communities through which those tracks run.

You might have worked with other tools – like impact wrenches – in the past. But RAD's torque wrenches – with torque control and continuous rotation – make bolting railway ties and tracks much more accurate, safe and simple.

Smart bolting

Our Smart Socket series allows you to measure the actual torque applied to a bolt during a torque cycle. This means you can take the guesswork out of bolting ties and tracks.

A tool for all torque needs

Depending on how long you've worked in the industry, you know that bolting screw spikes, as well as rail bolts and nuts used to be a grueling, multi-person job. But not anymore! A single technician can easily use RAD's wrenches. The RAD Single Speed, B-RAD Select, and E-RAD BLU also give you access to a variety of torque options up to 3,000 foot-pounds.

Safe bolting

At RAD, we understand that safety is extremely important in your industry. Loose bolts can cause tracks to separate, which can lead to serious issues like derailment.

With our wrenches, you can rest assured that bolts are fastened with the correct amount of torque and can withstand wear from trains weighing thousands of tonnes.



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RAD HIGH SPEED



Extreme-duty torque wrenches for heavy-duty applications!

- Reduces operator strain and injury, resulting in increased productivity
- Smooth continuous flow of controlled torque, eliminating destructive hammering
- Unmatched reliability delivered by one of the most advanced engineered gear boxes on the market

| PART NUMBER | TOOL MODEL | DRIVE SIZE | TORQUE (FT.) | | RPM |
|-------------|------------|------------|--------------|------|-----|
| | | | LOW | HIGH | |
| 10644 | RAD 10GX-2 | 0.75" | 350 | 1000 | 85 |
| 17068 | RAD 15DX-2 | 1.0" | 500 | 1500 | 50 |
| 12818 | RAD 25GX-2 | 1.0" | 700 | 2500 | 44 |
| 24950 | RAD 30DX-2 | 1.0" | 1000 | 3000 | 19 |

*Accuracy of +/- 4%, Repeatability of +/- 2%

B-RAD SELECT



Torque ranges up to 5,000 ft. lbs.

- Now with digital torque settings, increase or decrease the value by 10 ft. lbs.
- Torque ranges up to 5,000 ft. lbs.
- Equipped with the latest lithium-ion technology
- Suitable for pre-torque and service jobs where electricity or compressed air are not available
- Longer battery life as energy is used more efficiently

| PART NUMBER | TOOL MODEL | DRIVE SIZE | TORQUE (FT.) | | RPM |
|-------------|---------------------|------------|--------------|------|------|
| | | | LOW | HIGH | |
| 28283 | B-RAD SELECT 500 | 0.75" | 130 | 500 | 21.5 |
| 28285 | B-RAD SELECT 1000 | 0.75" | 200 | 1000 | 10.5 |
| 28286 | B-RAD SELECT 1000-2 | 0.75" | 400 | 1000 | 71 |
| 28287 | B-RAD SELECT 1500 | 1.0" | 300 | 1500 | 6 |
| 28288 | B-RAD SELECT 1500-2 | 1.0" | 300 | 1500 | 19.5 |
| 28289 | B-RAD SELECT 3000 | 1.0" | 600 | 3000 | 3 |
| 28290 | B-RAD SELECT 3000-2 | 1.0" | 600 | 3000 | 20 |
| 28291 | B-RAD SELECT 5000 | 1.5" | 1000 | 5000 | 2.1 |

Accuracy of +/-5%, Repeatability of +/-2%

E-RAD BLU



With E-RAD BLU Touch Control case!

- Designed to provide a high degree of accuracy
- Patented gearbox design and electric AC Servo motor
- Delivers smooth continuous torque
- The most affordable system on the market

| PART NUMBER | TOOL MODEL | DRIVE SIZE | TORQUE (Nm) | | RPM |
|-------------|---------------------|------------|-------------|-------|-----|
| | | | LOW | HIGH | |
| 21980 | E-RAD BLU 700 | 0.75" | 100 | 700 | 15 |
| 24161 | E-RAD BLU 1500 | 1.0" | 200 | 1500 | 8 |
| 21981 | E-RAD BLU 2500 COMP | 1.0" | 250 | 2500 | 4.9 |
| 24221 | E-RAD BLU 2500-90 | 1.0" | 250 | 2500 | 6 |
| 21982 | E-RAD BLU 3000 | 1.0" | 500 | 3000 | 4.1 |
| 21983 | E-RAD BLU 6000 | 1.5" | 1000 | 6000 | 2.1 |
| 21984 | E-RAD BLU 7500 | 1.5" | 1500 | 7500 | 1.5 |
| 24234 | *E-RAD BLU 11k | 1.5" | 3000 | 11000 | 1.2 |

*Also available in a 2.5" square drive. | Accuracy of +/- 2.8%, Repeatability of +/- 2%