ABOUT
RAD TORQUE SYSTEMS

More than 20 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.

LABORATORY ACCREDITATION BUREAU a division of A2LA
ACCREDITED ISO/IEC 17025
Certificate # L2325 Calibration

RAD TORQUE SYSTEMS

ADVANCED **BOLTING** TECHNOLOGY

MOST RELIABLE TORQUE WRENCH ON THE MARKET

WWW.RADTORQUE.COM

NEW WORLD TECHNOLOGIES INCORPORATED

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NEW WORLD TECHNOLOGIES INCORPORATED

WIND

RAD Wind Brochure 8.5x11 V4.indd 1-2
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RAD TORQUE + **THE WIND ENERGY INDUSTRY**

HIGH TORQUE AT HIGH **HEIGHTS**

If you work in the wind energy industry, you know that building and maintaining wind turbines requires a lot of bolting at high heights.

Companies like General Electric, Vestas, Siemens, Goldwin and Iberdrola use RAD Torque Systems' tools to build and maintain wind power facilities around the world.

That's because they know our torque wrenches can meet the unique needs of the wind energy industry.

Here's how
Have you ever had to flange tower components from inside a tower? How about a tower with a unique curvature? If so, you know that using a straight tool for bolting isn't always possible.

A torque wrench like the E-RAD, combined with our offset gearbox and smart socket, allows you to install tower bolts easily, efficiently and with the right amount of torque.

Unique tools for a unique workplace
At RAD, we understand that you need the right tools at your fingertips while working several hundred feet above the ground.

For this reason, we've designed our wrenches to be much lighter than their hydraulic counterparts. But they can still meet your needs for high torque bolting – especially the 2,000 foot-pounds sometimes needed for tower bolts.

We've worked with the wind energy industry for almost two decades. Whether you work for a wind turbine manufacturer, in wind power construction and maintenance, or at another wind power utility, RAD has a tool for you.

Our E-RAD, B-RAD, offset gearbox and smart sockets can be used to install and maintain tower bolts, blade bolts, shrink discs, gearboxes, generators, hub bolts, and yaw bolts.

When it comes to bolting, there is no lighter or more accurate choice than RAD.

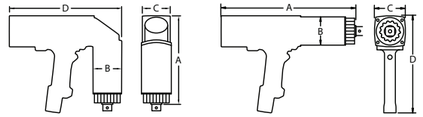
RAD **SMART SOCKETS**™

Measures and displays instant torque read-out on your live application

E-RAD BLU **THE SYSTEM OF CHOICE FOR WIND**

Provides a high degree of accuracy. Using a patented gearbox design and the precision of an electric AC Servo motor, these tools deliver smooth, continuous torque. Best of all, it's the most affordable system on the market.

- **Efficiency:** Provides continuous torque for fast operation, which decreases a torque job and saves you money.
- **Ergonomics:** Much lighter than hydraulic pumps – and that means it's lighter to carry and easier to torque.
- **Accuracy & Durability:** Torque can be entered digitally with a +/- 2.8% accuracy, unlike hydraulics, which leaves room for error.
- **Data Collection:** Easily collect data and create reports to ensure proper documentation.
- **Quieter:** 75db compared to loud hydraulics
- **Calibration:** Ability to calibrate right on the joint application.



PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE (FT.) LOW	TORQUE (FT.) HIGH	RPM	WEIGHT (lbs.)	DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D
21980	E-RAD BLU 700	0.75"	100	700	20	12	13.25"	2.5"	3.0"	8.25"
24161	E-RAD BLU 1500	1.0"	200	1500	8	13	13.28"	2.7"	3.0"	8.25"
21981	E-RAD BLU 2500 COMP	1.0"	250	2500	5.5	18	14.8"	3.0"	3.0"	8.25"
24221	E-RAD BLU 2500 COMP – 90 Degree	1.0"	250	2500	6	18	9.65"	3.0"	3.1"	8.25"
21982	E-RAD BLU 3000	1.0"	500	3000	5.5	23.5	16.75"	3.4"	3.5"	8.75"
21983	E-RAD BLU 6000	1.5"	1500	6000	4	29	16.5"	4.0"	3.5"	8.75"
21984	E-RAD BLU 7500	1.5"	1500	7500	1.5	33	17.0"	4.25"	4.25"	9.14"
24234	*E-RAD BLU 11K	1.5"	3000	11000	1.3	43	18.3"	5.0"	5.0"	12"

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

B-RAD **SELECT**

Digital torque settings with ranges up to 3,000 ft. lbs!

- Now with digital torque settings, able to increase or decrease the value by 10 ft. lbs.
- Equipped with the latest lithium-ion technology
- Suitable for pre-torque and service jobs where electricity or compressed air are not available

5,000 ft lbs COMING SOON!

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

V-RAD **ELECTRIC**

Torque ranges from 50 - 2,500 ft.lbs.

- Digital display with colour screen
- Single increment digital torque settings
- "Pass/Fail" function

5,000 ft lbs COMING SOON!

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

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