

# 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](http://WWW.RADTORQUE.COM)



**MANUFACTURING**

# RAD TORQUE + THE MANUFACTURING INDUSTRY

## KEEPING PRODUCTION IN **MOTION**

Your company relies on heavy-duty equipment to produce, assemble and package products. But sometimes that equipment breaks down - halting the manufacturing process.

Whether your company produces cars, food, textiles or another product, our wrenches and Smart Sockets can help you tighten connections quickly and accurately.

### **Time-saving tools**

You are under tight deadlines when it comes to getting products to market.

At RAD, we understand that a single equipment breakdown can halt your entire assembly line, so you need access to the right tools to repair and tighten connections when they come loose.

A single employee or contractor can use RAD's wrenches to tighten bolts and get a system back up and running fast.

### **Accuracy you can trust**

If you use RAD's wrenches to maintain your equipment, you can rest assured that bolts and fasteners are tightened with the correct amount of torque.

Our Smart Sockets measure the actual torque applied to a bolt during a torque cycle. So there is no guessing involved.

### **Adaptable wrenches**

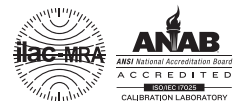
We realize that you rely on a large number of machines to produce your products.

These machines have different designs and different bolting needs. Some bolts might be easy to access and others might be out of reach with a straight tool.

RAD creates custom offsets to help technicians reach low clearance bolts. In fact, all offsets that we do for manufacturing companies are custom-made.



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# RAD SDM MULTIPLIERS



**For applications where tool access to the bolt is limited!**

- Planetary gear reduction technology
- Low Profile gearbox
- Designed for confined applications in multiple industries
- The RAD SDM Multipliers are to be combined with a nut runner

PART NUMBER	GEARBOX	RATIO	INPUT	OUTPUT	TORQUE (FT)
10676	SDM MULTIPLIER 400	82:1	1/4"	3/4"	400
10510	SDM MULTIPLIER 400	144:1	1/4"	3/4"	400
12914	SDM MULTIPLIER 10	128:1	3/8"	3/4"	1000
13194	SDM MULTIPLIER 10	101:1	3/8"	3/4"	1000

# E-RAD BLU S



**With E-RAD BLU Touch Control case!**

- Designed to provide a high degree of accuracy
- Patented gearbox design and electric AC Servo motor
- Bluetooth compatible, making it usable with RAD Smart Sockets™
- The most affordable system on the market
- Touch Control Case lets you set torque and angle in single-digit increments. With data displayed on touchscreen and low noise level of only 75 db.

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE (FT.) LOW	TORQUE (FT.) HIGH	RPM
30079	E-RAD BLU-S 700	0.75"	100	700	15
28836	E-RAD BLU-S 2500 COMP	1.0"	250	2500	5
31190	E-RAD BLU-S 3000	1.0"	500	3000	5
31191	E-RAD BLU-S 6000	1.5"	1000	6000	2.1
31192	E-RAD BLU-S 7500	1.5"	1500	8000	1.5
29314	*E-RAD BLU-S 11k	1.5"	3000	1000	1.5

\*Also available in a 2.5" square drive. | Accuracy of +/- 1%, 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.) LOW	TORQUE (FT.) HIGH	RPM
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"	200	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%