



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.



## RAD **SMART SOCKETS™**



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

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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

## RAD SINGLE SPEED



**Extreme-duty torque wrenches for heavy-duty applications!**

- The ultimate in power-to-weight ratio
- Wide torque range to suit multiple applications
- Unmatched reliability delivered by one of the most advanced engineered gear boxes on the market

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE (Nm) LOW	TORQUE (Nm) HIGH	RPM
13573	475SL	0.75"	70	475	65
13539	10GX	0.75"	150	950	30
13549	14GX	0.75"	275	1400	20
19135	20DX	1.0"	400	2000	10
13565	34GX	1.0"	700	3400	9
24717	40DX	1.0"	1200	4000	8
13571	*46GX	1.0"	1400	4600	12
26133	70DX	1.5"	2000	7000	6.7
15805	80DX	1.5"	2700	8000	6.6
23229	110DX	1.5"	3400	11000	4
26153	150DX	1.5"	5500	15000	3

\*Also available in a 1.5" square drive. | Accuracy of +/- 4%, Repeatability of +/- 2%

## B-RAD SELECT



**Torque ranges up to 7,000 Nm!**

- Now with digital torque settings, increase or decrease the value by 10 Nm.
- Torque ranges up to 7,000 Nm.
- 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 (Nm) LOW	TORQUE (Nm) HIGH	RPM
28264	B-RAD SELECT 700	0.75"	170	700	21.5
28266	B-RAD SELECT 400	0.75"	270	1400	10.5
28267	B-RAD SELECT 1400-2	0.75"	270	1400	71
28268	B-RAD SELECT 2000	1.0"	400	2000	6
28269	B-RAD SELECT 2000-2	1.0"	400	2000	19.5
28270	B-RAD SELECT 4000	1.0"	800	4000	3
28271	B-RAD SELECT 4000-2	1.0"	800	4000	20
28272	B-RAD SELECT 7000	1.5"	1350	7000	2.1

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



# ABOUT RAD TORQUE SYSTEMS

## More than 25 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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