

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.



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ADVANCED
BOLTING
TECHNOLOGY



WWW.RADTORQUE.COM



MINING

RAD TORQUE + THE MINING INDUSTRY

MINING THE BENEFITS OF TORQUE

If you work in the mining industry you probably rely on haul trucks to move extracted materials on and off site quickly, efficiently and safely. So when one of those trucks breaks down or needs maintenance, you have to race against the clock to get it back up and running.

RAD Torque Systems works with some of the largest mining companies in the world, so we understand the pressures faced by your workers and have designed tools to help minimize downtime and maximize torque.

Worry-free maintenance

You rely on some of the biggest haul trucks in the world for daily mining operations and they regularly need new tires and maintenance.

RAD's lightweight, high torque tools make routine tire changes quick and easy.

Weight off workers' shoulders

Mining involves strenuous physical labour, so we make sure our tools are ergonomically friendly.

You used to rely on big impact wrenches, but they were having a big impact on your mechanics' bodies. With RAD's wrenches, there is no impact. Users just have to set each tool to a specific torque and it is accurate to plus or minus five per cent.

For all your hauling needs

When it comes to the mining industry, haul trucks are RAD's specialty. Our wrenches are used to replace tires, but we also supply strut kits for the Caterpillar 797 and the Komatsu 980, tools for engine barring, track pads, final drive segments, cutting blades, mill liners, wheel nuts, and tie rod bolts.

Our tools are designed with mining in mind.



"I never realized how short we were coming up on proper torque specs until I started using RAD tools. The power in the 30DX is unbelievable for its size. No more loose bolts!"

— Mitch Blaschke
Mechanic on Discovery Channel's *Gold Rush*

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B-RAD XTREME



The world's most powerful battery-operated torque wrench!

- Brushless DC motor for added durability and accuracy
- Redesigned anti-fatigue trigger switch
- Standard handguard for added operator protection
- Two-hand start option
- Latch lock to protect battery from falling from high heights
- 4-button interface with high-contrast LED display provides feedback during operation.

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE (FT.)		RPM
			LOW	HIGH	
30656	B-RAD X 5000	1.5"	500	5000	2.4
30658	B-RAD X 8000	1.5"	740	8000	1.7
30660	B-RAD X 11k	1.5"	1100	11000	1.2

* 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%

RAD WHEEL NUT & OTR MINING



Designed with one job in mind: wheel nut bolting where torque control is a must!

- Removable custom reaction arms designed to fit virtually on any wheel configuration
- Extended reaction point for safe and quick operation
- Accuracy to ensure correctly tightened wheels

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE (FT.)		RPM
			LOW	HIGH	
13495	RAD 7GX-R	0.75"	300	700	115
13691	RAD 10GX-NX	0.75"	200	1000	20
20810	RAD 15NDX-R	1.0"	300	1500	10
19339	RAD 15DX-NX	1.0"	300	1500	10
13477	RAD 1800NGX-R	1.0"	500	1800	10

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