

# 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)



**OIL + GAS**

# RAD TORQUE + THE OIL + GAS INDUSTRY

## SAFE, RELIABLE **BOLTING**

At RAD Torque Systems, we know that safety is your biggest priority – especially when it comes to moving fuel, oil, and natural gas.

Oil and gas companies use our spark-free tools at refineries, petrochemical plants and gasoline dispensaries around the globe because they help ensure the safety of workers and the communities in which they operate.

### **Secure connection**

We understand that nut and bolt applications play a big role in your industry. You need torque wrenches at pooling towers and refineries and for standard flanging and much more. Our entire suite of tools gives you peace of mind that pipes are securely connected – both to prevent leaks and stop them quickly when they occur.

### **Time is money**

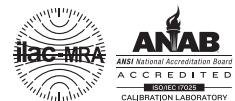
Downtime caused by malfunctions costs you big money. Our torque wrenches ensure flange connections are done properly to prevent and eliminate costly leaks. In short, RAD's tools simplify bolting.

### **RAD worldwide**

If your company operates in countries around the world, RAD's tools are within reach. We have worldwide distribution and calibration centres in the United States, Europe, Asia, Middle East, South America and Australia and can manufacture and ship custom tools in a short period of time.



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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%

# RAD SMART SOCKETS™



## Revolutionary socket for measuring torque directly on the bolt

- Measures and displays peak torque up to 18,000 ft./lbs
- Built-in rechargeable battery
- "Pass" or "Fail" indication function

SERIES	PART NUMBER	SOCKET HEX SIZE	DRIVE SIZE	RANGE (FT.)	
				LOW	HIGH
SMART SOCKET™ 1500	25448	1-1/2"	1"	150	1500
	22157	1-3/4"	1"	150	1500
SMART SOCKET™ 3400	22110	1-7/8"	1"	340	3400
	24124	2.0"	1"	340	3400
	29997	2-1/16"	1"	340	3400
	30211	2-1/4"	1"	340	3400
SMART SOCKET™ 8000	30212	2-5/8"	1.5"	800	8000
	28722	2-3/4	1.5"	800	8000
	21915	3.0"	1.5"	800	8000
SMART SOCKET™ 12k	27645	3-3/4"	1.5"	1200	12000
	32405	4-1/8"	1.5"	1200	12000
	27290	4-5/8"	1.5"	1200	12000
	27289	3 7/8"	1.5"	1200	12000
SMART SOCKET™ 18k	33773	3 7/8"	2.5"	1800	18000

# 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%