



PRECISION BOLTING FOR OVER **25 YEARS**

LIGHTER
FASTER
STRONGER

METRIC PRODUCT CATALOGUE



RAD TORQUE SYSTEMS



RAD SINGLE SPEED



DB-RAD BATTERY SERIES



RAD TV SERIES



Precision Bolting
for **over 25 Years**

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COMPANY PROFILE



Welcome to RAD Torque Systems. We are the leading Canadian manufacturer of extreme torque equipment, which includes pneumatic, battery powered, and electronic pistol grip torque wrenches. With more than 25 years in the industry, we're proud to say that we're Canadian owned and operated. We manufacture all of our tools in Abbotsford, BC, which gives us greater control over every piece that goes into our products. We don't just give you a great tool; we ensure its quality from conception through to production and even years after its initial use. The RAD Torque Systems philosophy has proven to be successful all over the world in such industries as oil & gas, petrochemical, mining, aerospace, power generation and manufacturing.

Our parent company, New World Technologies Inc., 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's extensive in-house machining facilities ensure maximum flexibility and responsiveness enabling quick deliveries and customer satisfaction.

RAD TORQUE SYSTEMS:

- 14 CNC Machining Centers (Okuma and HAAS Systems)
- 10 Gear Cutting Machines (Working to AGMA Standards)
- CAD and CAM Processing (Solid Works and Master Cam)
- 10 Professional Engineers (Mechanical and Electronics)
- Multiple Offices & Worldwide Distribution
- ISO 17025 Accreditation (Cert # L-2325 Calibration)
- Built for Maximum Flexibility and Responsiveness
- New Research & Development Facility (Phantom Works)

New World Technologies Inc is an
ISO 17025 accredited calibration laboratory.



RAD PNEUMATIC SERIES



All RAD Pneumatic tools include:

- Reaction arm & retaining ring
- Tool holder with FRL unit, 3,6 m hose and fittings
- Safety instruction and operators manual on USB Flash Drive
- Calibrated to ISO 17025 standards



PATENTED TECHNOLOGY
PRECISION DESIGN
LIGHTWEIGHT + ERGONOMIC

RAD SINGLE SPEED

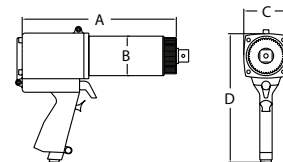
Extreme duty torque wrenches for heavy duty applications!
Also available with built-in transducers - visit the RAD TV Series!

More than 25 years of experience in gearbox engineering and design has brought about our latest generation in planetary gearboxes – RAD Single Speed. Designed for extreme duty use in a variety of industries worldwide, RAD Single Speed torque wrenches offer:

- 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
- Controlled torque - accuracy of +/- 4% and repeatability of +/- 2%

FRL Unit:

- Low weight tool holder made from high-density polypropylene
- Includes pressure gauge, filter, regulator and oiler



PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE (Nm)		RPM	WEIGHT (Kg)	NOISE LEVEL	DIMENSION A (mm)	DIMENSION B (mm)	DIMENSION C (mm)	DIMENSION D (mm)
			LOW	HIGH							
13573	475SL	0.75"	70	475	65	2.7	80 db	167	61	70	222
13539	10GX	0.75"	150	950	30	3.6	80 db	228	63	70	228
13549	14GX	0.75"	275	1400	20	3.8	80 db	228	63	70	228
19135	20DX	1.0"	400	2000	10	4.0	80 db	203	69	70	228
13565	34GX	1.0"	700	3400	9	6.1	85 db	240	78	83	241
24717	40DX	1.0"	1200	4000	8	6.7	85 db	254	81	83	241
13571	*46GX	1.0"	1400	4600	12	9.0	85 db	317	86	94	274
26133	70DX	1.5"	2000	7000	6.7	10.6	85 db	285	95	95	264
15805	80DX	1.5"	2700	8000	6.6	12.4	85 db	348	101	101	276
23229	110DX	1.5"	3400	11000	4	13.7	85 db	308	108	108	270
26153	150DX	1.5"	5500	15000	3	18.9	85 db	353	127	127	281

RAD HIGH SPEED

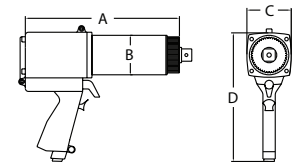
Extreme duty torque wrenches with high RPM productivity

RAD High Speed torque wrenches incorporate a precision-engineered high-speed gearbox designed for faster run down and quick reaction point positioning on time sensitive bolting applications.

- The two-speed models feature a unique full automatic gearbox design, eliminating the time consuming switch between high and low speed gear.

FRL Unit:

- Low weight tool holder made from high-density polypropylene
- Includes pressure gauge, filter, regulator and oiler



PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE (Nm)		RPM	WEIGHT (Kg)	NOISE LEVEL	DIMENSION A (mm)	DIMENSION B (mm)	DIMENSION C (mm)	DIMENSION D (mm)
			LOW	HIGH							
19774	14GX-2	0.75"	475	1400	85	4.5	80 db	261	63	70	205
19775	20DX-2	1.0"	700	2000	50	4.7	80 db	251	68	70	205
19776	34GX-2	1.0"	950	3400	44	7.5	80 db	305	78	84	254
24952	40DX-2	1.0"	1400	4000	49	7.3	80 db	309	81	83	254

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

RAD TRANSDUCER VERIFICATION

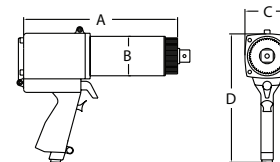
RAD Pneumatic torque wrench with a built in transducer for verification and traceability! With strain gauge technology, you can record every bolt cycle.

The RAD Transducer Verification (TV) solves an ongoing problem in the bolting industry: incorrect air supply and wrong tool operation can cause differences in torque output of your tools. With RAD's TV wrench, the operator gets a clear visual indication whether the actual torque is deviating from the set target torque, therefore reducing errors in the bolting process. At the same time very high torque accuracy can be achieved when using the real time Bluetooth torque-graphing mode.

- Easy data logging and collection
- Pass or Fail indicator light on the tool
- Bluetooth connectivity to your smart phone or tablet
- Measured Torque - accuracy of +/-1% on transducer

FRL Unit:

- Low weight tool holder made from high-density polypropylene
- Includes pressure gauge, filter, regulator and oiler



PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE (Nm)		RPM	WEIGHT (Kg)	NOISE LEVEL	DIMENSION A (mm)	DIMENSION B (mm)	DIMENSION C (mm)	DIMENSION D (mm)
			LOW	HIGH							
22017	10GX-R TV	0.75"	400	950	30	5.4	80 db	317	64	70	228
22079	14GX TV	0.75"	275	1400	20	3.6	80 db	243	64	70	205
22887	20DX TV	1.0"	400	2000	10	3.9	80 db	234	68	70	205
22018	46GX TV	1.0"	1400	4600	12	9.0	85 db	342	86	94	266

RAD WHEEL NUT & OTR MINING

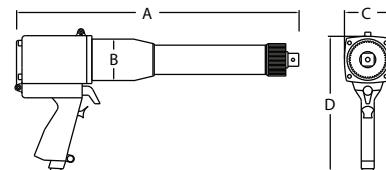
Accidents caused by incorrectly tightened wheel nuts are a serious problem. That's why the RAD Wheel Nut Bolting was designed with one job in mind: wheel nut bolting where torque control is a must.

RAD planetary gear torque wrenches are vibration free and have the accuracy to prevent accidental under- and over-tightening. The nose extensions are ideal for reaching wheel nut studs that are recessed and have tight clearances.

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

The nose extension (-R) Developed exclusively for extreme duty maintenance of mining haul trucks from 50-400 ton capacities and front-end loaders. The extended nose allows safe access of virtually all wheel configurations found on today's heavy equipment.

The nose extension kit (-NX) Designed with flexibility in mind. Complete with 3 different reaction arms and a nose extension for hard-to-reach areas, the NX Kit is a "go anywhere" tool capable of a variety of applications but especially suitable for off-road construction equipment.



PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE (Nm)		RPM	WEIGHT (Kg)	NOISE LEVEL	DIMENSION A (mm)	DIMENSION B (mm)	DIMENSION C (mm)	DIMENSION D (mm)	DIMENSION E (mm)
13541	10GX-R	0.75"	400	950	115	5.4	80 db	368	63	50	70	228
14550	14GX-NX	0.75"	275	1350	20	3.6	80 db	207	63	n/a	70	205
20809	20NDX-R	1.0"	400	2000	10	7.2	80 db	542	68	68	70	203
19340	20DX-NX	1.0"	400	2000	10	3.9	80 db	203	68	n/a	70	205
13563	2400NGX-R	1.0"	700	2400	10	12.4	85 db	546	76	50	83	241

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

E-RAD BLU SERIES



All E-RAD BLU Tool Kits Include:

- Reaction arm & retaining ring
- E-RAD Tool Handle
- E-RAD Touch Controller
- Single 4.5 m Cable
- Calibrated to ISO 17025



ADVANCED ELECTRONICS
HIGH DEGREE OF ACCURACY
DATA COLLECTION

E-RAD **BLU**

Ability to use different handles per controller case!

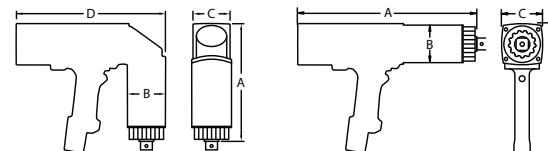
The system of choice for the wind industry, the E-RAD BLU precision torque wrench tools are designed to provide a high degree of accuracy (+/- 2.8%) and repeatability (+/- 2%). Using a patented gearbox design and the precision of an electric AC Servo motor, these tools deliver smooth continuous torque. Best of all, it's the most affordable system on the market.



E-RAD BLU TOUCH CONTROL CASE

The touch screen control case provides an easy to use interface that allows for pre-selectable presets, quick error-free torque and angle adjustments, complete recalibrations as well as data logging everything for easy export into spreadsheets on your laptop.

RAD SMART SOCKETS™ can connect to the E-RAD BLU tool via Bluetooth technology. This combination allows you to automatically calibrate your E-RAD BLU to any joint!



PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE (Nm) LOW	TORQUE (Nm) HIGH	RPM	WEIGHT (Kg)	DIMENSION A (mm)	DIMENSION B (mm)	DIMENSION C (mm)	DIMENSION D (mm)
21985	E-RAD BLU 950	0.75"	135	950	15	5.5	340	65	78	275
24162	E-RAD BLU 2000	1.0"	270	2000	8	5.9	337	69	78	275
21986	E-RAD BLU 3400 COMP	1.0"	340	3400	4.9	7.6	380	76	78	275
22434	E-RAD BLU 3400-90 Degree	1.0"	340	3400	6	8.3	210	76	78	300
21987	E-RAD BLU 4000	1.0"	675	4000	4.1	11	430	83	88	287
21988	E-RAD BLU 8000	1.5"	2000	8000	2.1	13.5	419	100	100	287
21989	E-RAD BLU 10K	1.5"	2000	10000	1.5	15	432	105	105	287
21224	*E-RAD BLU 15K	1.5"	4000	15000	1.2	20	465	127	127	287

Accuracy of +/-3%, Repeatability of +/-2%

*Also available in a 2.5" square drive.

RAD TORQUE SYSTEMS

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E-RAD **BLU-S**

Supreme Transducer Technology with High Accuracy.

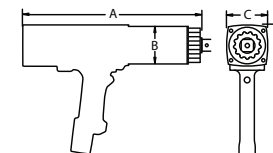
The E-RAD BLU-S is the newest addition to the E-RAD BLU product line from RAD. Equipped with a transducer, the E-RAD BLU-S allows for the highest accuracy on the market and features operator identification, which ensures traceability of each torque sequence performed. With a pass/fail indicator on both sides, and password protection, you'll be sure you're getting controlled and accurate torquing.



E-RAD BLU TOUCH CONTROL CASE

The touch screen control case provides an easy to use interface that allows for pre-selectable presets, quick error-free torque and angle adjustments, complete recalibrations as well as data logging everything for easy export into spreadsheets on your laptop.

RAD SMART SOCKETS™ can connect to the E-RAD BLU tool via Bluetooth technology. This combination allows you to automatically calibrate your E-RAD BLU to any joint!



PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE (Nm)		RPM	WEIGHT (Kg)	DIMENSION A (mm)	DIMENSION B (mm)	DIMENSION C (mm)	DIMENSION D (mm)
			LOW	HIGH						
26937	E-RAD BLU 950	0.75"	135	950	15	5.9	380	72	77	270.5
26938	E-RAD BLU 3400-S-M COMP	1.0"	340	3400	5	8.6	412	87	77	270.5
22759	E-RAD BLU 4000	1.0"	675	4000	5	11.1	451	95	88	287
25282	E-RAD BLU 8000	1.5"	1385	8100	2.1	13.6	450	110.5	88	287
26939	E-RAD BLU 10K	1.5"	2000	10,000	1.5	15.4	471	114	88	287
29315	E-RAD BLU 15K	1.5"	4050	15,000	1.5	20	503	132	88	287

B-RAD BATTERY SERIES



Each B-RAD Battery Series Tool Includes:

- Reaction arm and retaining ring
- Charger and two 18V batteries
- Weatherproof storage case
- Calibrated to ISO 17025 standards
- Safety instructions on USB Flash Drive
- Operators Manual



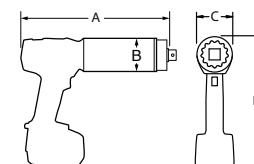
WORLD'S FIRST DIGITAL **BATTERY POWERED** TORQUE WRENCH

B-RAD **SELECT**

NEW! Torque ranges up to 7000 Nm!

The newly designed B-RAD Select Series offers higher speed and longer battery life while incorporating a new torque display with buttons. The B-RAD Select allows the user to easily select the target torque. Patented Product.

- Now with digital torque settings, able to increase or decrease the value by 10 Nm
- Torque ranges up to 7000 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	WEIGHT (Kg)	DIMENSION A (mm)	DIMENSION B (mm)	DIMENSION C (mm)	DIMENSION D (mm)
28264	B-RAD SELECT 700	0.75"	170	700	21.5	3.5	231	63	67	262
28266	B-RAD SELECT 1400	0.75"	270	1400	10.5	3.5	231	63	67	262
28267	B-RAD SELECT 1400-2	0.75"	270	1400	71	4.3	279	63	67	262
28268	B-RAD SELECT 2000	1.0"	400	2000	6	4.0	244	69	69	262
28269	B-RAD SELECT 2000-2	1.0"	400	2000	19.5	4.9	298	69	69	262
28270	B-RAD SELECT 4000	1.0"	800	4000	3	6.0	285	81	81	266
28271	B-RAD SELECT 4000-2	1.0"	800	4000	20	6.7	337	81	81	266
28272	B-RAD SELECT 7000	1.5"	1350	7000	2.1	8.8	295	95	95	272

B-RAD **SELECT OFFSET**

NEW! Offset gearboxes for tight spaces.

The newly designed B-RAD Select Offset Series offers more flexibility for those tight spaces. With higher speed and longer battery life while incorporating a new torque display with buttons. The B-RAD Select Offset allows the user to easily select the target torque. Patented Product.

- Now with digital torque settings, able to increase or decrease the value by 10 Nm
- Torque ranges up to 7000 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)		RPM	WEIGHT (Kg)	DIMENSION A (mm)	DIMENSION B (mm)	DIMENSION C (mm)	DIMENSION D (mm)	DIMENSION E (mm)	DIMENSION F (mm)
30003	B-RAD SELECT OFFSET 700	0.75"	170	700	21.5	3.9	260	155	63	262	83	83
29574	B-RAD SELECT OFFSET 1400	0.75"	270	1400	10.5	3.9	260	165	63	262	83	83
30005	B-RAD SELECT OFFSET 2000	1.0"	400	2000	6	4.4	277	172	69	262	86	83
30007	B-RAD SELECT OFFSET 4000	1.0"	800	4000	3	6.4	312	208	81	262	92	83
30009	B-RAD SELECT OFFSET 7000	1.5"	1350	7000	2.1	9.2	335	230	95	262	100	83

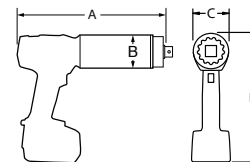
Accuracy of +/-5%, Repeatability of +/-2%

B-RAD S

The highest accuracy on the market.

The newest addition to the B-RAD series is the B-RAD S. Equipped with a built-in transducer, the B-RAD S makes torquing and logging easier and more efficient than ever with its ability to read and display torque in real time. With torque and angle capabilities, the B-RAD S is ready for the most critical applications and will hold up to scrutiny on a variety of projects. The B-RAD S includes Bluetooth connectivity, torque check functionality, and automatic reaction arm release to minimize your downtime and maximize your torque output.

- Torque range up to 7,000 Nm
- New and improved battery life
- Bolt counter
- Brushless motor
- Password protection



PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE (Nm)		RPM	WEIGHT (Kg)	NOISE LEVEL	DIMENSION A (mm)	DIMENSION B (mm)	DIMENSION C (mm)	DIMENSION D (mm)
			LOW	HIGH							
31801	B-RAD S 700	0.75"	70	700	21	4.2	85	311	63	70	254
31803	B-RAD S 1400	0.75"	135	1400	9.6	4.3	85	311	63	70	254
31805	B-RAD S 2000	1.0"	200	2000	5.6	4.9	85	321	69	70	254
31807	B-RAD S 4000	1.0"	400	4000	3.0	7.2	85	337	81	81	257
31809	B-RAD S 7000	1.5"	700	7000	1.9	9.8	85	362	95	95	267

DIGITAL B-RAD

Ideal for applications where compressed air is not available!
Up to 2 times faster than previous version!

Digital B-RAD powered torque wrenches are the world's first digital, cordless, and lithium-ion battery tool on the market. With advanced patented technology containing digital display and single increment torque settings.

- Available with torque and angle option
- Programmable preset torque settings
- Latest lithium-ion 18V battery technology
- High accuracy of +/-5%
- Automatic 2-speed gearbox
- Patented Product



PART NUMBER	DESCRIPTION
26400	DB-RAD ANGLE OPTION

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE (Nm)		RPM	WEIGHT (Kg)	NOISE LEVEL	DIMENSION A (mm)	DIMENSION B (mm)	DIMENSION C (mm)	DIMENSION D (mm)
			LOW	HIGH							
22876	DB-RAD 700-2	0.75"	70	700	59	5.0	80 db	321	63	63	279
22878	DB-RAD 1400-2	0.75"	140	1400	19	5.2	80 db	330	63	63	279
22880	DB-RAD 2000-2	1.0"	200	2000	17	5.3	80 db	330	68	68	279
24966	DB-RAD 4000-2	1.0"	400	4000	9	7.1	80 db	398	81	81	279

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

V-RAD ELECTRIC SERIES



All V-RAD Electrical Series Tool Includes:

- Reaction arm & retaining ring
- Weatherproof storage case
- Safety instructions and operators manual on USB Flash Drive
- Calibrated to ISO 17025 standards



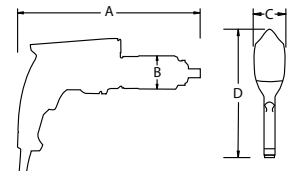
LIGHTWEIGHT + COMPACT **ELECTRIC POWERED** TORQUE WRENCH

V-RAD SELECT

**Quick adjust torque settings.
Equal power in forward and reverse.**

V-RAD Select electric series are a new generation of electric torque wrenches used for the installation or removal of heavy duty fasteners where accuracy, power, and safety are required. Quick adjust torque settings. Equal power in forward and reverse.

- Now with digital torque settings, able to increase and decrease the value by 10 Nm
- Torque ranges up to 4000 Nm
- Available in both 120V or 230V



PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE (Nm)		RPM	WEIGHT (Kg)	DIMENSION A (mm)	DIMENSION B (mm)	DIMENSION C (mm)	DIMENSION D (mm)
			LOW	HIGH						
25633	V-RAD SELECT 1400	0.75"	140	1400	8.8	3.9	305	64	74	203
25634	V-RAD SELECT 2000	1.0"	200	2000	5.7	5.9	311	69	74	203
25636	V-RAD SELECT 4000	1.0"	400	4000	2.7	6.2	343	79	79	203

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

RAD AUDIT EQUIPMENT



All RAD Smart Sockets Include:

- Weatherproof storage case
- Plug & USB cord
- Calibration certificate to ISO 17025



INSTANT TORQUE READ-OUT REVOLUTIONARY

RAD SMART SOCKETS™

Instant torque read-out of your live application!
Strain gauge technology measures torque applied to bolt. Patented Product.

The RAD Smart Sockets™ use RAD Torque's transducer technology combined with a custom socket to measure the actual torque applied to the bolt during a torque cycle. By innovative design, the Smart Sockets™ is no larger than a standard socket. Its compact size and innovative technology makes the Smart Sockets™ a perfect audit tool for inspecting bolted joints and it can function as a master calibration for various torque tools.



- Measures and displays peak torque
- Full data collection - export to email by PDF, XLS, CSV
- View in real time via Bluetooth onto your smartphone or tablet
- Transducer accuracy of +/-1%



PART NUMBER	SMART SOCKET MODEL	TORQUE (Nm)		DRIVE SIZE	WEIGHT (Kg)	DIMENSION (mm)	
		LOW	HIGH			HEIGHT	DIAMETER
20879	SMART SOCKET™ 33mm	200	2000	1"	1.2	100	72
21363	SMART SOCKET™ 36mm	200	2000	1"	1.2	87	72
22158	SMART SOCKET™ 41mm	200	2000	1"	1.2	87	72
20880	SMART SOCKET™ 46mm	200	2000	1"	1.2	87	72
20881	SMART SOCKET™ 50mm	400	4000	1"	1.5	89	86
20882	SMART SOCKET™ 55mm	400	4000	1"	1.5	89	86
20883	SMART SOCKET™ 60mm	400	4000	1"	1.5	89	86
23690	SMART SOCKET™ 65mm	1100	4000	1.5"	4.0	121	115
20884	SMART SOCKET™ 70mm	1100	10800	1.5"	4.0	121	115
20885	SMART SOCKET™ 80mm	1100	10800	1.5"	4.0	121	115
25657	SMART SOCKET™ 90mm	1600	16200	1.5"	5.8	126	131
25658	SMART SOCKET™ 100mm	1600	16200	1.5"	7.2	132	146

Accuracy of +/-1%

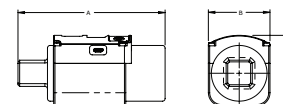
RAD TORQUE SYSTEMS

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RAD CALIBRATION SYSTEMS

The RAD Calibration Systems have earned their place in calibration laboratories worldwide because of their high accuracy and repeatability.

- Ranges up to 9500 Nm
- Screen on Calibrator allows for convenient reading
- Connect to RAD Calibration Software via your computer or tablet
- Up to 2000 Nm classified to BS 7882:2008 as Class 1 or better for the primary range ($\pm 0.5\%$ of reading from 20% to 100% of full scale)
- Backward compatible with previous RAD calibration benches.



PART NUMBER	DESCRIPTION	TORQUE (Nm)		DRIVE SIZE	WEIGHT (Kg)	DIMENSION A (mm)	DIMENSION B (mm)	DIMENSION C (mm)
		LOW	HIGH					
23442	RAD TRANSDUCER 1500	100	2000	1.0"	1.8	142	60	69
23443	RAD TRANSDUCER 3500	250	4750	1.5"	4.5	171	64	102
23444	RAD TRANSDUCER 7000	475	9500	1.5"	4.9	171	64	102

ACCESSORIES



LEADING THE
BOLTING INDUSTRY
IN SAFETY

RAD **SAFETY ACCESSORIES**

Ergonomics and safety are very important during the design phase of any new RAD tool. In addition to making the job more ergonomic and safe, we want our tools to be easy to use, powerful, accurate and very reliable. RAD believes safety features should not impede workplace efficiency and speed, but should make workers aware of the risks involved in working with powerful tools. RAD has developed a range of ergonomic and safety enhancing features.

Ergonomic features:

- RAD's patented planetary gear reduction drive system delivers 88 times less vibration than impact wrenches.
- No risk of HAVS injuries (Hand-Arm-Vibration-Syndrome). Lower risk than impact wrenches.
- Pistol grip trigger/control reduces operator error.
- RAD's low profile reaction arm eliminates all operational load on the operator.

Hand Guards



Trigger Guard



Reaction Arms



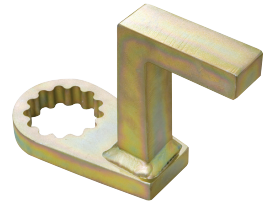
RAD **REACTION ARMS**

Each RAD tool includes a standard reaction arm. In addition to this, you can order the below special reaction arms to ensure correct reaction for different applications. Please consult our website for dimensions and part numbers.

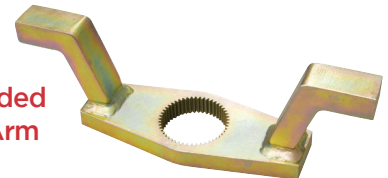
Standard Reaction Arm



Deep Socket Reaction Arm



Double Ended Reaction Arm



REGULATOR & TOOL HOLDER

**Carrying your RAD pneumatic tool around from job to job?
Introducing the new tool holder.**

We decided to continue our quest for improved ergonomics by not only engineering the world's lightest pneumatic torque wrenches with the highest power-to-weight ratio in the industry, but also by developing the industry's most ergonomic tool holder.

- Offset handle allows for balanced carrying when the tool is stored in the storage pocket.
- Accessory pocket (152 x 152 mm) allows for quick and easy access to additional accessories such as custom reaction arms, snap rings and sockets.
- High-density polypropylene construction means the tool holder will stand up to the most demanding conditions while remaining lightweight for easy portability.
- Lightweight – only 1.8 Kgs
- Torque chart holder for quick reference
- Comes complete with FRL and house assembly



RAD NOSE EXTENSIONS

**Available for most RAD models. Please
contact us for custom inquiries.**



PRODUCT REFERENCE CHART



PNEUMATIC SERIES: RAD SINGLE SPEED

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE RANGE (Nm)	RPM	WEIGHT (Kg)
13573	475SL	0.75"	70-475	65	2.7
13539	10GX	0.75"	150-950	30	3.6
13549	14GX	0.75"	275-1400	20	3.8
19135	20DX	1.0"	400-2000	10	4.0
13565	34GX	1.0"	700-3400	9	6.1
24717	40DX	1.0"	1200-4000	8	6.7
13571	46GX	1.0"	1400-4600	12	9.0
26133	70DX	1.5"	2000-7000	6.7	10.6
15805	80DX	1.5"	2700-8000	6.6	12.4
23229	110DX	1.5"	3400-11000	4	13.7
26153	150DX	1.5"	5500-15000	3	18.9

PNEUMATIC SERIES: RAD HIGH SPEED

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE RANGE (Nm)	RPM	WEIGHT (Kg)
19774	14GX-2	0.75"	475-1400	85	4.5
19775	20DX-2	1.0"	700-2000	50	4.7
19776	34GX-2	1.0"	950-3400	44	7.5
24952	40DX-2	1.0"	1400-4000	49	7.3

PNEUMATIC SERIES: RAD TV

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE RANGE (Nm)	RPM	WEIGHT (Kg)
22017	10GX-R TV	0.75"	400-950	30	5.4
22079	14GX TV	0.75"	275-1400	20	3.6
22887	20DX TV	1.0"	400-2000	10	3.9
22018	46GX TV	1.0"	1400-4600	12	9.0

PNEUMATIC SERIES: WHEEL NUT & OTR MINING

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE RANGE (Nm)	RPM	WEIGHT (Kg)
13541	10GX-R	0.75"	400-950	115	5.4
14550	14GX-NX	0.75"	275-1350	20	3.6
20809	20NDX-R	1.0"	400-2000	10	7.2
19340	20DX-NX	1.0"	400-2000	10	3.9
13563	2400NGX-R	1.0"	700-2400	10	12.4

ELECTRONIC SERIES: E-RAD BLU

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE RANGE (Nm)	RPM	WEIGHT (Kg)
21985	E-RAD BLU 950	0.75"	135-950	15	5.5
24162	E-RAD BLU 2000	1.0"	270-2000	8	5.9
21986	E-RAD BLU 3400 COMP	1.0"	340-3400	4.9	7.6
22434	E-RAD BLU 3400-90 Degree	1.0"	340-3400	10	8.3
21987	E-RAD BLU 4000	1.0"	675-4000	8	11

ELECTRONIC SERIES: E-RAD BLU continued

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE RANGE (Nm)	RPM	WEIGHT (Kg)
21988	E-RAD BLU 8000	1.5"	2000-8000	4	13.5
21989	E-RAD BLU 10K	1.5"	2000-10000	3	15
24224	E-RAD BLU 15K	1.5"	4000-15000	2	20

ELECTRONIC SERIES: E-RAD BLU-S

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE RANGE (Nm)	RPM	WEIGHT (Kg)
26937	E-RAD BLU 950	0.75"	135-950	15	5.9
26938	E-RAD BLU 3400-S-M COMP	1.0"	340-3400	5	8.6
22759	E-RAD BLU 4000	1.0"	675-4000	5	11.1
25282	E-RAD BLU 8000	1.5"	1385-8100	2.1	13.6
26939	E-RAD BLU 10K	1.5"	2000-10000	1.5	15.4
29315	E-RAD BLU 15K	1.5"	4050-15000	1.5	20

BATTERY SERIES: B-RAD SELECT

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE RANGE (Nm)	RPM	WEIGHT (Kg)
28264	B-RAD SELECT 700	0.75"	170-700	21.5	3.5
28266	B-RAD SELECT 1400	0.75"	270-1400	10.5	3.5
28267	B-RAD SELECT 1400-2	0.75"	270-1400	71	4.3
28269	B-RAD SELECT 2000	1.0"	400-2000	6	4.0
28269	B-RAD SELECT 2000-2	1.0"	400-2000	19.5	4.9
28270	B-RAD SELECT 4000	1.0"	800-4000	3	6.0
28271	B-RAD SELECT 4000-2	1.0"	800-4000	20	6.7
28272	B-RAD SELECT 7000	1.5"	1350-7000	2.1	8.8

BATTERY SERIES: B-RAD SELECT OFFSET

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE RANGE (Nm)	RPM	WEIGHT (Kg)
30003	B-RAD SELECT OFFSET 700	0.75"	170-700	21.5	3.9
29574	B-RAD SELECT OFFSET 1400	0.75"	270-1400	10.5	3.9
30005	B-RAD SELECT OFFSET 2000	1.0"	400-2000	6	4.4
30007	B-RAD SELECT OFFSET 4000	1.0"	800-4000	3	6.4
30009	B-RAD SELECT OFFSET 7000	1.5"	1350-7000	2.1	9.2

BATTERY SERIES: B-RAD S

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE RANGE (Nm)	RPM	WEIGHT (Kg)
31801	B-RAD S 700	0.75"	70-700	21	4.2
31803	B-RAD S 1400	0.75"	135-1400	9.6	4.3
31805	B-RAD S 2000	1.0"	200-2000	5.6	4.9
31807	B-RAD S 4000	1.0"	400-4000	3	7.2
31809	B-RAD S 7000	1.5"	700-7000	1.9	9.8

BATTERY SERIES: DIGITAL B-RAD

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE RANGE (Nm)	RPM	WEIGHT (Kg)
22876	DB-RAD 700-2	0.75"	70-700	59	5.0
22878	DB-RAD 1400-2	0.75"	140-1400	19	5.2
22880	DB-RAD 2000-2	1.0"	200-2000	17	5.3
24966	DB-RAD 4000-2	1.0"	400-4000	9	7.1

ELECTRIC SERIES: V-RAD SELECT

PART NUMBER	TOOL MODEL	DRIVE SIZE	TORQUE RANGE (Nm)	RPM	WEIGHT (Kg)
25633	V-RAD SELECT 1400	0.75"	140-1400	8.8	3.9
25634	V-RAD SELECT 2000	1.0"	200-2000	5.7	5.9
25636	V-RAD SELECT 4000	1.0"	400-4000	2.7	6.2

NOTES

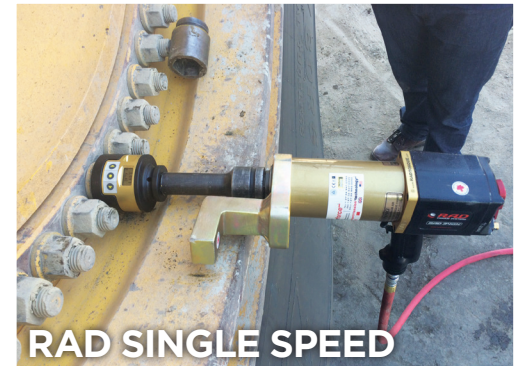
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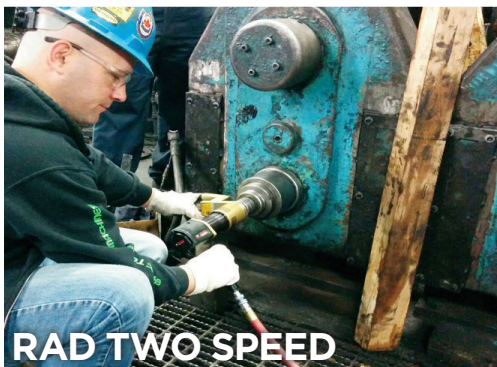
RAD SINGLE SPEED



E-RAD BLU



RAD SINGLE SPEED



RAD TWO SPEED



RAD SINGLE SPEED



B-RAD SELECT



RAD TORQUE SYSTEMS

MINING
OIL + GAS
AEROSPACE
PETROCHEMICAL
MANUFACTURING



09-2022

NEW WORLD TECHNOLOGIES INC

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RADTORQUE.COM