

RAD Pneumatic Series

Single / High-Speed

More than 25 years of experience in gearbox engineering and design has brought about our latest generation in planetary gearboxes, Designed for extreme duty use in a variety of industries worldwide. RAD planetary gear torque wrenches are vibration free and have the accuracy to prevent accidental under- and over-tightening.

- PATENTED drive system delivering one of the highest power-to-weight ratios of any pneumatic controlled bolting system.
- Wide torque range to suit multiple applications
- Unmatched reliability delivered by one of the most advanced engineered gearboxes on the market.
- Reliable and dependable solution for the installation and removal of heavy-duty fasteners.
- Smooth continuous flow of controlled torque eliminating destructive hammering.
- Lightweight ergonomic pistol grip design reducing operator strain and injury; resulting in increased productivity
- Stall type tool capable of accuracy of +/-4%, and repeatability of +/-2%.

Pneumatic TV (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. 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
- Measure Torque - accuracy of +/- 1% on transducer

Wheel Nut Bolting

Accidents caused by incorrectly tightened wheel nuts are a serious problem. That's why the RAD Wheel Nut Bolting was designed withone job in mind: wheel nut bolting where torque control is a must. The nose extensions are ideal for reaching wheel nut studs that are recessed and have tight clearances. 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.

- Removable custom reaction arms designed to fit virtually on any wheel configuration.
- Numerous configurations are ideal for tight clearances
- Extended reaction point for safe and quick operation
- Accuracy to ensure correct tightened wheels

All RAD pneumatic Series tools are supplied with Reaction arm, 3M hose, tool holder, Filter/Regulator/Lubricator, Weatherproof Site box and instruction manual as standard



| Part Number | Tool Model | Square Drive | Torque | | Speed | Weight | Noise Level |
|-------------|------------|--------------|--------------|--------------|-------|--------|-------------|
| | | | Lb-fts | Nm | RPM | Kg | DbA |
| 12316 | 350SL | 3/4" | 50 - 350 | 68 - 475 | 65 | 2.7 | 80 |
| 12814 | 7GX | | 100 - 700 | 136 - 949 | 30 | 3.6 | |
| 12818 | 10GX | | 200 - 1000 | 271 - 1356 | 20 | 3.6 | |
| 17328 | 15DX | 1" | 300 - 1500 | 407 - 2034 | 10 | 3.9 | 85 |
| 12345 | 2000 | | 500 - 2000 | 678 - 2712 | 13 | 5.9 | |
| 12377 | 25GX | | 500 - 2500 | 678 - 3390 | 9 | 6.1 | |
| 22238 | 30DX | | 900 - 3000 | 1220 - 4068 | 8 | 6.7 | |
| 12356 | 34GX | | 1000 - 3400 | 1356 - 4610 | 12 | 9.0 | |
| 20248 | 50DX | 1 1/2" | 1500 - 5000 | 2034 - 6779 | 6.7 | 10.6 | 85 |
| 15328 | 60DX | | 2000 - 6000 | 2711 - 8135 | 6.6 | 12.5 | |
| 18558 | 80DX | | 2500 - 8000 | 3390 - 10846 | 4 | 13.8 | |
| 12383 | 85GX | | 3000 - 8500 | 4068 - 11525 | 4.5 | 17.5 | |
| 26152 | 110DX | | 4000 - 11000 | 5423 - 14914 | 3 | 19.1 | |
| 10644 | 10GX-2 | 3/4" | 350 - 1000 | 475 - 1356 | 85 | 4.5 | 80 |
| 17068 | 15DX-2 | 1" | 500 - 1500 | 678 - 2034 | 50 | 4.8 | 85 |
| 12346 | 2000-2 | | 700 - 2000 | 949 - 2711 | 53 | 9.2 | 80 |
| 19773 | 25GX-2 | | 700 - 2500 | 949 - 3390 | 44 | 7.5 | |
| 24950 | 30DX-2 | 3/4" | 1000 - 3000 | 1356 - 4068 | 49 | 7.3 | 80 |
| 21953 | 7GX-R TV | | 300 - 700 | 450 - 950 | 30 | 5.4 | |
| 22076 | 10GX TV | | 200 - 1000 | 275 - 1400 | 20 | 3.6 | |
| 22885 | 15DX TV | 1" | 300 - 1500 | 400 - 2000 | 10 | 3.9 | 85 |
| 21357 | 34GX TV | | 1000 - 3400 | 1400 - 4600 | 12 | 9 | |
| WM-700 | WM 700 | 3/4" | 300 - 700 | 407 - 949 | 115 | 5.4 | 80 |
| 13495 | 7GX-R | | | | | | |
| 20810 | 15NDX-R | 1" | 300 - 1500 | 407 - 2034 | 10 | 7.2 | 85 |
| 13479 | 2000NGX-R | | 500 - 2000 | 700 - 2700 | 10 | 12.4 | |



RAD TORQUE TOOL RANGE

NEW ZEALAND'S OFFICAL DISTRUBTOR OF RAD TORQUE EQUIPMENT



AUCKLAND

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CHRISTCHURCH

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RAD Battery Torque Series



B-RAD Select Brushless / Offset

The B-RAD brushless select series offers higher speed and longer battery life whilst incorporating a new torque display with new buttons. The tool comes with two simple buttons allowing the user to easily select the target torque in increments of 10 ft.lbs/Nm throughout the calibrated range. This tool is especially suitable for pre-torque and service jobs where electricity or compressed air are not available. The number of cycles per battery is dependent on stud length, lubrication and temperature. The newly designed B-RAD Brushless (BL) 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.

- Torque ranges up to 5,000 ft.lbs / 7,000 Nm
- Highest Battery Torque Tool available on the market at 5000 Ft.Lbs
- Latest Lithium-ion 18V/5.2 Ah battery technology
- Accuracy of (+/- 5% on full scale)
- Supplied complete with reaction arm, two batteries and charger in a weather proof storage case.
- Significantly lower noise level
- Lighter tool then other similar tools on the market
- Low temperature brushless technology
- Longer battery life as energy is used more efficiently
- Low battery warning on display
- Voltage level on display

DB-RAD Series

Digital B-RAD powered torque wrenches are the world's first digital cordless, lithium-ion powered battery tool on the market, with advanced patented technology containing digital display and single increment torque settings. The colour screen with keypad provides unmistakable visual LED indicator lights with user definable presets for ease of use. DB-RAD's have a (Torque & Angle) functionality as standard as well as automatic reaction arm back off after a torque cycle completion.

- Latest lithium-ion 18V/5.2 Ah battery technology
- Accuracy of (+/- 5% on full scale)
- Torque and Angle Functionality
- Auto two-speed gearbox
- Unmistakable LED pass/fail lights
- Programmable presets
- Comes with sliding in-built screen protector

| Part Number | Tool Model | Square Drive | Torque | | Speed | Weight | Noise Level |
|-------------|-----------------------------|--------------|-------------|-------------|-------|--------|-------------|
| | | | Lb-fts | Nm | RPM | Kg | Dba |
| 28283 | B-RAD SELECT BL 500 | 3/4" | 130 - 500 | 170 - 700 | 21.5 | 3.5 | 65 |
| 28285 | B-RAD SELECT BL 1000 | 3/4" | 200 - 1000 | 300 - 1400 | 10.5 | 3.5 | |
| 28286 | B-RAD SELECT BL 1000-2 | 3/4" | 200 - 1000 | 300 - 1400 | 71 | 4.3 | |
| 28287 | B-RAD SELECT BL 1500 | 1" | 300 - 1500 | 400 - 2000 | 6 | 4.0 | |
| 28288 | B-RAD SELECT BL 1500-2 | 1" | 300 - 1500 | 400 - 2000 | 19.5 | 4.9 | |
| 28289 | B-RAD SELECT BL 3000 | 1" | 600 - 3000 | 800 - 4000 | 3 | 6.0 | |
| 28290 | B-RAD SELECT BL 3000-2 | 1" | 600 - 3000 | 800 - 4000 | 20 | 6.7 | |
| 28291 | B-RAD SELECT BL 5000 | 1 1/2" | 1000 - 5000 | 1350 - 7000 | 2.1 | 8.8 | |
| 30002 | B-RAD BL SELECT 500 OFFSET | 3/4" | 130 - 500 | 170 - 700 | 21.5 | 8.7 | |
| 29572 | B-RAD BL SELECT 1000 OFFSET | 3/4" | 200 - 1000 | 300 - 1400 | 10.5 | 8.8 | |
| 30004 | B-RAD BL SELECT 1500 OFFSET | 1" | 300 - 1500 | 400 - 2000 | 6 | 9.9 | 80 |
| 30006 | B-RAD BL SELECT 3000 OFFSET | 1" | 600 - 3000 | 800 - 4000 | 3 | 14.3 | |
| 30008 | B-RAD BL SELECT 5000 OFFSET | 1-1/2" | 1000 - 5000 | 1350 - 7000 | 2.1 | 20.3 | |
| 21779-A | DB-RAD 500-2 | 3/4" | 50 - 500 | 70 - 700 | 59 | 5 | |
| 21783-A | DB-RAD 1000-2 | 3/4" | 100 - 1000 | 140 - 1400 | 19 | 5.2 | |
| 21787-A | DB-RAD 1500-2 | 1" | 150 - 1500 | 200 - 2000 | 17 | 5.3 | |
| 24965-A | DB-RAD 3000-2 | 1" | 300 - 3000 | 400 - 4000 | 13 | 7.1 | |

E-RAD Electronic Torque Series



E-RAD BLU / BLU-S

The system of choice for the wind industry, the E-RAD BLU series precision torque wrench tools are designed to provide a high degree of accuracy (+/- 2.8%) and repeatability (+/- 2%). The patented and extremely advanced electronic pistol grip torque wrench combines the legendary RAD gearbox design and AC Servo motor technology to reduce bolting time up to 300% as compared to conventional hydraulic wrenches with delivering smooth continuous controlled torque. This tool is capable of data collection and torque/angle measurement, ultimately offering affordable solution for electronic bolting needs. It also includes a console module with a digital readout.

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 from two point on the tool, from the motor and from the end of the gearbox.

- Multiple models wrenches can be used in combination with one controller
- Blue-tooth connectivity with RAD Smart Socket for transducer verified joint calibration
- Highly advanced Data Logging and Tool Management features Military grade single cable and connector system

| Part Number | Tool Model | Square Drive | Torque | | Speed | Weight | Noise Level |
|-------------|-------------------------------|--------------|---------------|---------------|-------|--------|-------------|
| | | | Lb-fts | Nm | RPM | Kg | Dba |
| 21980 | E-RAD 700 | 3/4" | 100 - 700 | 135 - 950 | 20 | 5.4 | 80 |
| 24161 | E-RAD BLU 1500 | 1" | 200 - 1500 | 270 - 2000 | 8 | 5.9 | |
| 21981 | E-RAD BLU 2500 COMP | 1" | 250 -2500 | 340 - 3400 | 5.5 | 8.2 | |
| 24221 | E-RAD BLU 2500 COMP 90 DEGREE | 1" | 250 - 2500 | 340 - 3400 | 6 | 8.2 | 85 |
| 21982 | E-RAD 3000 | 1" | 500 - 3000 | 675 - 4000 | 5.5 | 10.7 | |
| 21983 | E-RAD 6000 | 1 1/2" | 1500 - 6000 | 2000 - 8000 | 4 | 13.2 | |
| 21984 | E-RAD 7500 | 1 1/2" | 1500 - 7500 | 2000 - 10000 | 1.5 | 15 | |
| 24234 | E-RAD 11K | 1 1/2" | 3000 - 11000 | 4000 - 15000 | 1.3 | 19.5 | |
| 30079 | E-RAD BLU 700-S | 3/4" | 100 - 700 | 135 - 950 | 15 | 5.9 | 75 |
| 28836 | E-RAD BLU 2500-S COMP | 1" | 250 - 2500 | 340 - 3400 | 5 | 8.6 | |
| 31190 | E-RAD BLU 3000-S | 1" | 500 - 3000 | 675 - 4000 | 5 | 11.1 | |
| 31191 | E-RAD BLU 6000-S | 1 1/2" | 1000 - 6000 | 1385 - 8100 | 2.1 | 13.6 | |
| 31192 | E-RAD BLU 7500-S | 1 1/2" | 1500 - 8000 | 2000 - 10,000 | 1.5 | 15.4 | |
| 29314 | E-RAD BLU 11K-S | 1 1/2" | 3000 - 11,000 | 4050 - 15,000 | 1.5 | 20 | |

E-RAD Controllers and Options

The E-RAD BLU tool touch control case provides the interface for all E-RAD BLU Tools. The touch screen allows for quick adjustments & easily selectable pre-sets. Each E-RAD is supplied with a standard data connection cable, used to connect the tool to the controller, of 4.6m in length. If you require a longer data cable, there is the option to select or purchase as an extra, cable lengths of 6m & 7.6m.

Touch Control Features

- 50 X 76 mm – Touchscreen
- Standard with variable torque and angle control
- Field calibration
- Multi-user level password protection
- Life cycle and maintenance counters



RAD SMART SOCKETS

The 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!

