

THE INDUSTRY STANDARD...BELIEVE IT!

**PNEUMATIC**

**BATTERY**

**ELECTRIC**



LEADING MANUFACTURER OF  
ADVANCED TORQUE SYSTEMS  
[www.radtorque.com](http://www.radtorque.com)



## PNEUMATIC SERIES

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## BATTERY SERIES

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## ELECTRIC SERIES

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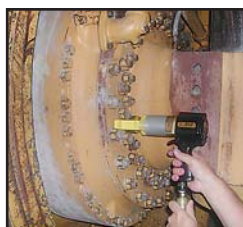
# RAD<sup>®</sup> CLASSIC SERIES

**RAD<sup>®</sup> CLASSIC SERIES** torque wrenches offer a reliable and dependable solution for the installation and removal of heavy-duty fasteners in a variety of industries that require accuracy, power, and safety.

- ✓ **PATENTED** planetary gear reduction drive system delivering one of the highest power-to-weight ratios of any pneumatic controlled bolting system
- ✓ Smooth continuous flow of controlled torque eliminating destructive hammering
- ✓ Lightweight ergonomic pistol grip design reducing operator strain and injury; resulting in increased productivity
- ✓ Controlled torque – accuracy of +/-5%, and repeatability of +/-2%



***Unmatched accuracy through precision engineering and design***

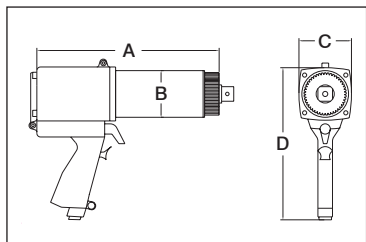


**RAD<sup>®</sup> 350SL**



**RAD<sup>®</sup> 1800NG**

## CLASSIC SERIES DIMENSIONS



**All RAD<sup>®</sup> Pneumatic Series tools include reaction arm, 12' hose & fittings, aluminum regulator cage**



**RAD<sup>®</sup> 50**

| PART NUMBER | TOOL MODEL | DRIVE SIZE | TORQUE (ft. lbs.)<br>LOW HIGH | RPM | WEIGHT (lbs.) | NOISE LEVEL | DIMENSION A | DIMENSION B | DIMENSION C | DIMENSION D |
|-------------|------------|------------|-------------------------------|-----|---------------|-------------|-------------|-------------|-------------|-------------|
| 12316       | 350SL      | 0.75"      | 50 350                        | 65  | 6.0           | 80 db       | 6.6"        | 2.4"        | 2.75"       | 8.75"       |
| 12321       | 550SL      | 0.75"      | 100 550                       | 35  | 6.6           | 80 db       | 7.3"        | 2.4"        | 2.75"       | 8.75"       |
| 12329       | 800NG      | 0.75"      | 150 800                       | 30  | 9.5           | 85 db       | 7.75"       | 2.84"       | 3.3"        | 9.5"        |
| 12338       | 1400NG     | 1.0"       | 300 1400                      | 15  | 12.5          | 85 db       | 9.0"        | 3.0"        | 3.3"        | 9.5"        |
| 12342       | 1800NG     | 1.0"       | 500 1800                      | 10  | 12.5          | 85 db       | 9.0"        | 3.0"        | 3.3"        | 9.5"        |
| 12348       | 30         | 1.0"       | 1000 3000                     | 14  | 20.5          | 85 db       | 13.2"       | 3.1"        | 3.7"        | 10.4"       |
| 12357       | 50         | 1.5"       | 1500 5000                     | 7   | 28.0          | 85 db       | 13.9"       | 4.0"        | 3.7"        | 10.4"       |

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# RAD® HIGH SPEED SERIES

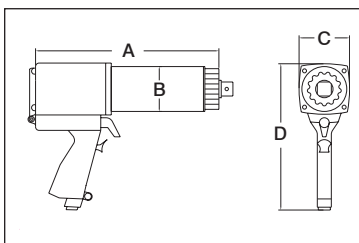
Introduced to compliment the RAD® classic series torque wrenches, **RAD® HIGH SPEED SERIES** torque wrenches offer the same reliable and dependable solution for the installation and removal of heavy-duty fasteners where accuracy, power, and safety are required. **RAD® HIGH SPEED SERIES** torque wrenches incorporate a precision engineered *high speed* gear box designed for faster run down on time sensitive bolting applications reaching speeds as high as 300 rpm.



## Extreme torque with high RPM productivity



### HIGH SPEED SERIES DIMENSIONS



| Torque (Ft. Lb.) | Pressure (PSI) |
|------------------|----------------|
| 200              | 30             |
| 250              | 37             |
| 300              | 45             |
| 350              | 52             |
| 400              | 60             |
| 450              | 68             |
| 500              | 76             |
| 550              | 85             |

**All RAD® Pneumatic Series tools include a laminated torque/PSI chart, assuring maximum accuracy and performance**



**RAD® 350SL-2**



**RAD® 800NG-2**



**RAD® 1400NG-2**

| PART NUMBER | TOOL MODEL | DRIVE SIZE | TORQUE (ft. lbs.) LOW | TORQUE (ft. lbs.) HIGH | RPM | WEIGHT (lbs.) | NOISE LEVEL | DIMENSION A | DIMENSION B | DIMENSION C | DIMENSION D |
|-------------|------------|------------|-----------------------|------------------------|-----|---------------|-------------|-------------|-------------|-------------|-------------|
| 12317       | 350SL-2    | 0.75"      | 100                   | 350                    | 300 | 8.3           | 80 db       | 9.0"        | 2.4"        | 2.75"       | 8.75"       |
| 12322       | 550SL-2    | 0.75"      | 200                   | 550                    | 170 | 9.0           | 80 db       | 9.5"        | 2.4"        | 2.75"       | 8.75"       |
| 12330       | 800NG-2    | 0.75"      | 300                   | 800                    | 170 | 11.5          | 85 db       | 9.75"       | 2.84"       | 3.3"        | 9.5"        |
| 12339       | 1400NG-2   | 1.0"       | 500                   | 1400                   | 69  | 16.0          | 85 db       | 11.5"       | 3.0"        | 3.3"        | 9.5"        |
| 12343       | 1800NG-2   | 1.0"       | 700                   | 1800                   | 53  | 16.0          | 85 db       | 11.5"       | 3.0"        | 3.3"        | 9.5"        |
| 12349       | 30-2       | 1.0"       | 1400                  | 3000                   | 55  | 25.0          | 85 db       | 15.7"       | 3.1"        | 3.4"        | 10.4"       |

Visit our website for a complete up-to-date list of products.

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



# RAD<sup>®</sup> GEN-X SERIES

Precision design and engineering has brought about the next generation in torque wrenches – the **RAD<sup>®</sup> GEN-X SERIES**.

Designed for extreme duty use in a variety of industries worldwide, **RAD<sup>®</sup> GEN-X SERIES** torque wrenches offer:

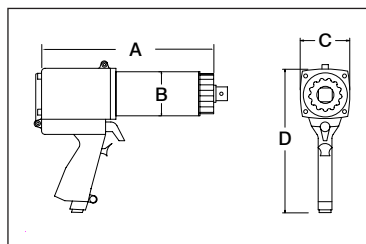
- ✓ The ultimate in power-to-weight ratio
- ✓ Wide torque range to suit multiple applications
- ✓ Unmatched reliability delivered by one of the most advanced engineered gear boxes on the market



## Extreme Duty Torque Wrenches for Heavy Duty Applications



### GEN-X SERIES DIMENSIONS



**All RAD<sup>®</sup> Pneumatic Series tools include reaction arm, 12' hose & fittings, aluminum regulator cage**

| PART NUMBER | TOOL MODEL      | DRIVE SIZE | TORQUE (ft. lbs.)<br>LOW HIGH | RPM | WEIGHT (lbs.) | NOISE LEVEL | DIMENSION A | DIMENSION B | DIMENSION C | DIMENSION D |
|-------------|-----------------|------------|-------------------------------|-----|---------------|-------------|-------------|-------------|-------------|-------------|
| 12814       | <i>New</i> 7GX  | 0.75"      | 100 700                       | 30  | 8.0           | 80 db       | 9.0"        | 2.5"        | 2.75"       | 9.0"        |
| 12818       | <i>New</i> 10GX | 0.75"      | 200 1000                      | 20  | 8.0           | 80 db       | 9.0"        | 2.5"        | 2.75"       | 9.0"        |
| 12377       | 25GX            | 1.0"       | 800 2500                      | 8   | 13.5          | 85 db       | 9.7"        | 3.05"       | 3.3"        | 9.5"        |
| 12356       | 34GX            | 1.0"       | 1000 3400                     | 12  | 20.0          | 85 db       | 12.8"       | 3.4"        | 3.7"        | 10.4"       |
| 12383       | <i>New</i> 85GX | 1.5"       | 3000 8500                     | 4.5 | 38.5          | 85 db       | 17.0"       | 4.75"       | 5.0"        | 11.0"       |

Visit our website for a complete up-to-date list of products.

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

# RAD® WHEEL NUT BOLTING SERIES

The **RAD® WHEEL NUT BOLTING SERIES** and the **RAD® OTR MINING SERIES** were designed with one job in mind - **wheel nut bolting** for light and heavy duty applications where torque control is a must. The extended nose with available custom reaction arms make this tool ideal for reaching wheel nut studs that are recessed where tool clearance is a problem.

- ✓ Extend drive and reaction for safety and ergonomics
- ✓ Removable custom reaction arms designed to fit virtually any wheel configuration



RAD® 7GX-R



*New*  
Custom Reaction Arms Available

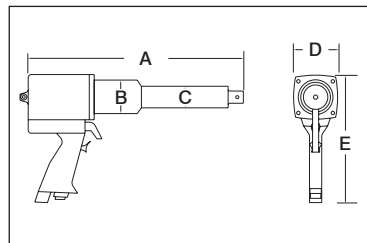
| PART NUMBER | TOOL MODEL | DRIVE SIZE | TORQUE (ft. lbs.)<br>LOW HIGH | RPM | WEIGHT (lbs.) | NOISE LEVEL | DIMENSION A | DIMENSION B | DIMENSION D | DIMENSION E |
|-------------|------------|------------|-------------------------------|-----|---------------|-------------|-------------|-------------|-------------|-------------|
| 13495       | 7GX-R      | 0.75"      | 150 700                       | 115 | 12.0          | 80 db       | 14.5"       | 2.50"       | 2.75"       | 9.0"        |

## RAD® OTR MINING SERIES

**#1 Choice for Mines Worldwide**



GX-R SERIES DIMENSIONS



The **RAD® OTR MINING SERIES** of wheel nut bolting systems were 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.



RAD® 1400NGX-R



Custom Reaction Arms Available

| PART NUMBER | TOOL MODEL | DRIVE SIZE | TORQUE (ft. lbs.)<br>LOW HIGH | RPM | WEIGHT (lbs.) | NOISE LEVEL | DIMENSION A | DIMENSION B | DIMENSION C | DIMENSION D | DIMENSION E |
|-------------|------------|------------|-------------------------------|-----|---------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 13478       | 1400NGX-R  | 1.0"       | 300 1400                      | 14  | 27.5          | 85 db       | 21.5"       | 3.0"        | 2.0"        | 3.3"        | 9.5"        |
| 13477       | 1800NGX-R  | 1.0"       | 500 1800                      | 10  | 27.5          | 85 db       | 21.5"       | 3.0"        | 2.0"        | 3.3"        | 9.5"        |

Visit our website for a complete up-to-date list of products.

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



# RAD<sup>®</sup> BATTERY SERIES

**RAD<sup>®</sup> BATTERY SERIES** torque wrenches offer unmatched power, versatility, and reliability. Incorporating our precision engineered gear boxes, their lightweight design makes these tools ideal for any application, especially where compressed air or electricity is not readily available. The **RAD<sup>®</sup> BATTERY SERIES** are available in single speed and high speed models.



**Just imagine the freedom....**

**No Air Lines! No Power Cords! No Hassles!**

Patented Extreme Duty Planetary Gear Drive

Quick Grip to Adjust Torque Setting



Easy View Torque Settings & Reference Chart

| B-RAD Torque Chart (ft. lbs.) |        |         |        |
|-------------------------------|--------|---------|--------|
| Setting                       | Torque | Setting | Torque |
| 5                             | 100    | 10      | 225    |
| 6                             | 115    | 11      | 255    |
| 7                             | 130    | 12      | 275    |
| 8                             | 145    | 13      | 300    |
| 9                             | 160    | 14      | 330    |
| 10                            | 175    | 15      | 350    |
| 11                            | 190    | 16      | 350    |

Cal. Date 5/4/2006 Serial #B10161  
Located on gear box



**All B-RAD tools come fully calibrated complete with:**

- B-RAD Tool
- Reaction Arm and Retention Ring
- Two 18 volt batteries
- Battery charger
- Operators manual
- Calibration Chart
- Weatherproof Pelican Storage Case

Quick Release Fastener for Rapid Gear Box or Motor Change

Convenient Forward/Reverse Switch

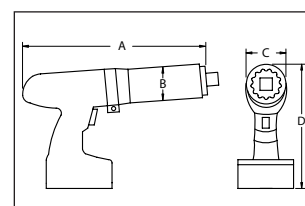
Soft Start Trigger for Safety

Quick Change Ultra-Life 18V Battery Pack (up to 200 bolts per charge)

Precision Adjustable Posi-Clutch for Accurate Torque Output

Ergonomic Pistol Grip Handle

## BATTERY SERIES DIMENSIONS



Patent Pending

| PART NUMBER | TOOL MODEL   | DRIVE SIZE | TORQUE (ft. lbs.) |      | WEIGHT (lbs.) | DIMENSION A | DIMENSION B | DIMENSION C | DIMENSION D |
|-------------|--------------|------------|-------------------|------|---------------|-------------|-------------|-------------|-------------|
|             |              |            | LOW               | HIGH |               |             |             |             |             |
| 12301       | B-RAD 350    | 0.75"      | 100               | 350  | 9.0           | 11.50"      | 2.4"        | 2.8"        | 10.5"       |
| 12305       | B-RAD 700    | 0.75"      | 300               | 700  | 9.5           | 12.75"      | 2.4"        | 2.8"        | 10.5"       |
| 12306       | B-RAD 700-2  | 0.75"      | 300               | 700  | 11.0          | 15.25"      | 2.5"        | 3.0"        | 10.25"      |
| 12309       | B-RAD 1300   | 1.0"       | 400               | 1300 | 15.0          | 14.0"       | 3.0"        | 3.0"        | 10.5"       |
| 12310       | B-RAD 1300-2 | 1.0"       | 400               | 1300 | 17.0          | 17.25"      | 3.0"        | 3.0"        | 10.25"      |

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# RAD® E SERIES

**RAD® E SERIES** are the world's most advanced electronic pistol grip torque wrenches. They are designed to provide a high degree of accuracy and repeatability using our legendary gear box design and the precision of an electronic motor. Capable of data collection, angle measurement, accuracy of +/-3%, and torque values up to 3000 ft/lbs, **RAD® E SERIES** offer an affordable solution for electronic bolting needs.

## Precision Bolting...High Torque Assembly Applications



- ✓ **Push-button select torque**  
*Fast and convenient error-free digital single increment torque settings*
- ✓ **Lightweight and Ergonomic pistol grip design**  
*Advanced low-profile handle to reduce operator fatigue and increase productivity*
- ✓ **Extremely low noise level only 75db**  
*World's quietest extreme torque gun, ideal for sensitive environments and standards*
- ✓ **LED Green (Pass) or Red (Fail) indicator lights**  
*Unmistakable visual signal indicates status of torque procedure for maximum accuracy and speed*

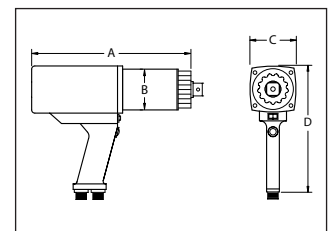


L.E.D. light display indicates that the torque cycle has been successfully completed.



Super Duty Fan Kit available for cooling during continuous use applications.

### ELECTRIC SERIES DIMENSIONS



### Patent Pending

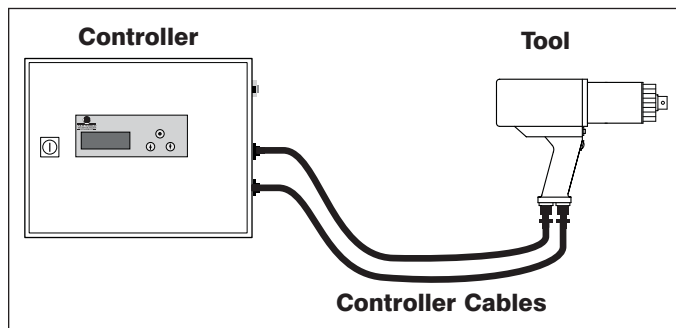
| PART NUMBER | TOOL MODEL | DRIVE SIZE | TORQUE (ft. lbs.) |      | WEIGHT (lbs.) | DIMENSION A | DIMENSION B | DIMENSION C | DIMENSION D |
|-------------|------------|------------|-------------------|------|---------------|-------------|-------------|-------------|-------------|
|             |            |            | LOW               | HIGH |               |             |             |             |             |
| 12312       | E-RAD 700  | 0.75"      | 300               | 700  | 12            | 11.75"      | 2.4"        | 2.5"        | 9.5"        |
| 12313       | E-RAD 1200 | 1.0"       | 300               | 1200 | 15            | 12.75"      | 3.0"        | 3.25"       | 9.5"        |
| 12314       | E-RAD 2000 | 1.0"       | 500               | 2000 | 18            | 13.25"      | 3.0"        | 3.5"        | 10.0"       |
| 12703       | E-RAD 3000 | 1.0"       | 500               | 3000 | 23.5          | 15.5"       | 3.4"        | 3.5"        | 10.0"       |

Visit our website for a complete up-to-date list of products.

Accuracy of +/-3%

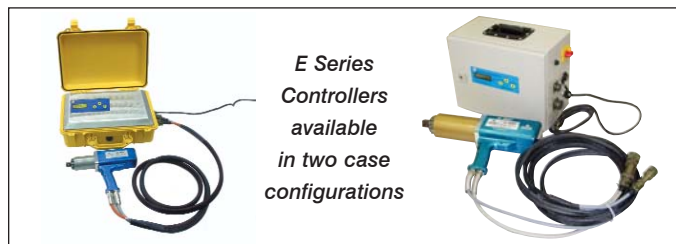


# RAD® E SERIES CONTROLLERS



All E Series tools come fully calibrated complete with:

- E-RAD Tool
- Controller cables
- Operators manual
- Reaction Arm and Retention Ring
- Digital Torque Controller
- E-RADCAL Calibration Software



E Series controllers provide the interface for all E-RAD tools. This single platform controller is available in several configurations and includes multiple programming options to allow application flexibility.

## Option 1

Preset torque positions defined by the user dialed in using an 8 position selector switch. All torque positions can be locked out using a key.

## Option 2

Preset torque/angle positions pre-programmed based on user defined inputs. 8 position selector allows recall of the most common torque/angle settings for fast change over. All torque/angle positions can be locked out using a key.

## Option 3

Preset torque/angle positions pre-programmed based on user defined inputs using 7 selector switch positions. 8th position pre-programmed to allow the tool to operate as a standard E-RAD.

### SELECT ONE OF THE FOLLOWING CONTROLLERS

| PART NUMBER | DESCRIPTION | CASE TYPE             | VOLTAGE | LENGTH DIMENSION | HEIGHT DIMENSION | WIDTH DIMENSION |
|-------------|-------------|-----------------------|---------|------------------|------------------|-----------------|
| 13632       | CONTROLLER  | STEEL ASSEMBLY        | 120     | 14.9"            | 11.8"            | 8"              |
| 13626       | CONTROLLER  | WEATHERPROOF ASSEMBLY | 120     | 18.5"            | 6.9"             | 14"             |
| 13627       | CONTROLLER  | STEEL ASSEMBLY        | 220     | 14.9"            | 11.8"            | 8"              |
| 14108       | CONTROLLER  | WEATHERPROOF ASSEMBLY | 220     | 18.5"            | 6.9"             | 14"             |

### SELECT ONE OF THE FOLLOWING CABLE LENGTHS

| PART NUMBER | TOOL MODEL  | CABLE LENGTH (FT) |
|-------------|---|-------------------|
| 10984       | CABLE LENGTH FROM CONTROLLER TO TOOL MODEL (standard with tool) | 15                |
| 11845       | CABLE LENGTH FROM CONTROLLER TO TOOL MODEL                      | 20                |
| 11846       | CABLE LENGTH FROM CONTROLLER TO TOOL MODEL                      | 25                |

### OPTIONS

| PART NUMBER | DESCRIPTION   | FOR USE WITH              |
|-------------|---|---------------------------|
| 13629       | SELECTOR SWITCH WITH USER DEFINED PRESET TORQUE                         | ALL E-RAD'S               |
| 13630       | SELECTOR SWITCH WITH DEFINED PRESET TORQUE AND ANGLE                    | ALL E-RAD'S               |
| 13631       | SELECTOR SWITCH WITH PRESET DEFINED TORQUE/ANGLE AND STANDARD OPERATION | ALL E-RAD'S               |
| 13628       | SUPER DUTY FAN KIT  | E-RAD 2000 and E-RAD 3000 |

# **RAD® V SERIES**

**RAD® V 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. This series comes without the hassle of air hoses and simply runs when plugged into any electric power supply, including generators. Based on the design of our patented planetary gear reduction system, the **RAD® V SERIES** offers a smooth continuous flow of controlled torque which is adjustable through dial settings.

- ✓ **Quick adjust torque settings**  
Fast and accurate "dial a torque" for maximum versatility and efficiency
- ✓ **Soft-start vary speed trigger**  
Allows operator to safely and quickly set reaction arm before full torque is applied
- ✓ **Equal power in forward and reverse**  
Convenience and cost effective use of same tool for break away and final torque
- ✓ **Advanced ultra-durable electric motor design**  
Extreme duty designed to reduce maintenance cost and increase reliability

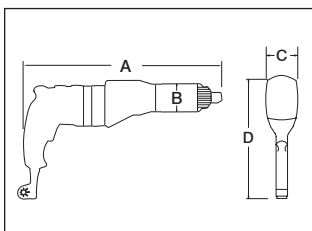
## *Maximum versatility and efficiency...*



**All V-RAD tools come fully calibrated complete with:**

- V-RAD Tool
- Reaction Arm and Retention Ring
- Operators manual
- Calibration Chart
- Weatherproof Storage Case

### V SERIES DIMENSIONS

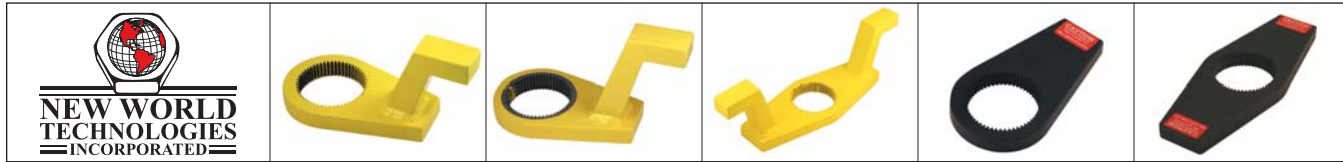


| PART NUMBER | TOOL MODEL | DRIVE SIZE | TORQUE (ft. lbs.) |      | WEIGHT (lbs.) | DIMENSION A | DIMENSION B | DIMENSION C | DIMENSION D |
|-------------|------------|------------|-------------------|------|---------------|-------------|-------------|-------------|-------------|
|             |            |            | LOW               | HIGH |               |             |             |             |             |
| 13497       | V-RAD 4    | 0.75"      | 100               | 400  | 10.0          | 17.0"       | 2.5"        | 3.0"        | 8.5"        |
| 12899       | V-RAD 10   | 0.75"      | 300               | 1000 | 11.0          | 18.0"       | 2.5"        | 3.0"        | 8.5"        |
| 12389       | V-RAD 16   | 1.0"       | 500               | 1600 | 15.0          | 19.0"       | 3.0"        | 3.0"        | 8.5"        |
| 13501       | V-RAD 23   | 1.0"       | 800               | 2300 | 15.0          | 19.5"       | 3.0"        | 3.0"        | 8.5"        |

Visit our website for a complete up-to-date list of products.



# REACTION ARM SELECTION CHART



| TOOL SERIES   | STANDARD<br>(Included with tool) | DEEP<br>SOCKET | DOUBLE<br>ENDED ARM | BLANK | DOUBLE ENDED<br>BLANK |
|---------------|----------------------------------|----------------|---------------------|-------|-----------------------|
| RAD 350/550   | 10686                            | 10687          | 10688               | 10036 | 10037                 |
| RAD 800       | 10043                            | 10458          | 10459               | 10044 | 10045                 |
| RAD 1400/1800 | 10004                            | 10007          | 10009               | 10005 | 10008                 |
| RAD 30        | 10022                            | 10025          | 10027               | 10024 | 10026                 |
| RAD 50        | 10039                            | 10401          | 10403               | 10040 | 10402                 |

|            |       |       |       |       |       |
|------------|-------|-------|-------|-------|-------|
| RAD 7/10GX | 13366 | 13367 | 13368 | 13364 | 13365 |
| RAD 25GX   | 10514 | 10515 | 10516 | 10513 | 10448 |
| RAD 34GX   | 11531 | 11534 | 11533 | 11530 | 11532 |
| RAD 85GX   | 12885 | 13508 | 13509 | 13505 | 13506 |

|                    |       |       |       |       |       |
|--------------------|-------|-------|-------|-------|-------|
| RAD 1400/1800NGX-R | 13484 | 13515 | 13516 | 13513 | 13514 |
| RAD 7GX-R          | 13512 | 12902 | 14135 | 13773 | 12903 |

\*Reaction arms not exactly as shown (7GX-R, 1400NGX-R, 1800NGX-R)

|            |       |       |       |       |       |
|------------|-------|-------|-------|-------|-------|
| B-RAD 350  | 10686 | 10687 | 10688 | 10036 | 10037 |
| B-RAD 700  | 11460 | 11461 | 11463 | 11459 | 11462 |
| B-RAD 1300 | 10004 | 10007 | 10009 | 10005 | 10008 |

|            |       |       |       |       |       |
|------------|-------|-------|-------|-------|-------|
| E-RAD 700  | 11460 | 11461 | 11463 | 11459 | 11462 |
| E-RAD 1200 | 10004 | 10007 | 10009 | 10005 | 10008 |
| E-RAD 2000 | 10247 | 10395 | 10397 | 10394 | 10396 |
| E-RAD 3000 | 11531 | 11534 | 11533 | 11530 | 11532 |

|          |       |       |       |       |       |
|----------|-------|-------|-------|-------|-------|
| V-RAD 4  | 10686 | 10687 | 10688 | 10036 | 10037 |
| V-RAD 10 | 13366 | 13367 | 13368 | 13364 | 13365 |
| V-RAD 16 | 10004 | 10007 | 10009 | 10005 | 10008 |
| V-RAD 23 | 10514 | 10515 | 10516 | 10513 | 10448 |

\* Please contact us if you have a specific or custom application.  
Our Engineering Department can design a reaction arm for all of your needs.  
[www.radtorque.com](http://www.radtorque.com)

Sample of Custom Reaction Arms shown below



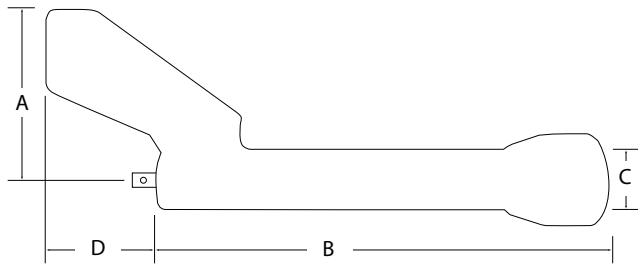
ACCESSORIES

## NOSE EXTENSION SELECTION CHART



| Part Number | Description                   | Dimension A | Dimension B | Dimension C | Dimension D |
|-------------|-------------------------------|-------------|-------------|-------------|-------------|
| 10257       | RAD 1800NG 15" Nose Extension | 5"          | 16"         | 2"          | 3.5"        |
| 10258       | RAD 1800NG 18" Nose Extension | 5"          | 18"         | 2"          | 3.5"        |
| 10259       | RAD 1800NG 12" Nose Extension | 5"          | 12.7"       | 2"          | 3.5"        |
| 12087       | RAD 30 12" Nose Extension     | 5"          | 12.8"       | 2"          | 3.25"       |
| 10734       | RAD 30 15" Nose Extension     | 5"          | 15.8"       | 2"          | 3.25"       |
| 10735       | RAD 30 18" Nose Extension     | 5"          | 18.8"       | 2"          | 3.25"       |
| 12061       | RAD 25GX 15" Nose Extension   | 5"          | 16"         | 2"          | 3.25"       |
| 12096       | RAD 25GX 12" Nose Extension   | 5"          | 13"         | 2"          | 3.25"       |
| 12097       | RAD 25GX 18" Nose Extension   | 5"          | 18.5"       | 2"          | 3.25"       |
| 14195       | RAD 10GX 12" Nose Extension   | N/A         | 12.75"      | 2.5"        | N/A         |
| 14200       | RAD 10GX 15" Nose Extension   | N/A         | 15.75"      | 2.5"        | N/A         |
| 14205       | RAD 10GX 18" Nose Extension   | N/A         | 18.75"      | 2.5"        | N/A         |

10GX Nose Extensions require a reaction arm. Refer to 7GX-R Reaction Arms on previous charts.



RAD 10GX (12818), 12" nose extension (14195),  
with reaction arm (13512)



## RAD-CAL Digital Joint Simulating Torque Analyzers



**RCA-3000 R**  
Torque Range 150-3000ft/lb  
Accuracy +/- .25%



*All RAD® pneumatic torque wrenches are individually calibrated on our exclusive "RAD-CAL" dynamic joint simulator torque analyzer*



**RCA-5000**  
Torque Range 500-5000ft/lb  
Accuracy +/- .25%



**RCA-3000**  
Torque Range 300-3000ft/lb  
Accuracy +/- .25%

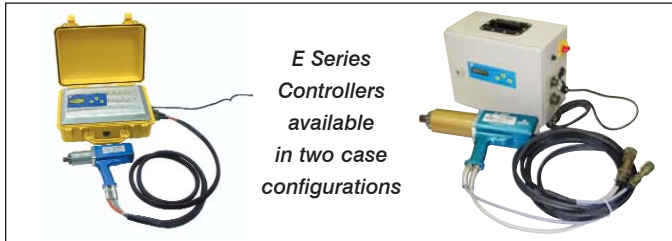


**RCA-1000**  
Torque Range 100-1000ft/lb  
Accuracy +/- .25%

### ELECTRONIC SERIES

*All E Series tools come fully calibrated complete with:*

- E-RAD Tool
- Reaction Arm and Retention Ring
- Controller cables
- Digital Torque Controller
- Operators manual
- E-RADCAL Calibration Software



E-RAD Controller with torque controls and digital display enclosed in a weatherproof case for harsh environments.

E-RAD Controller with upright heavy duty steel case, top mounted torque controls and digital display.

### BATTERY SERIES



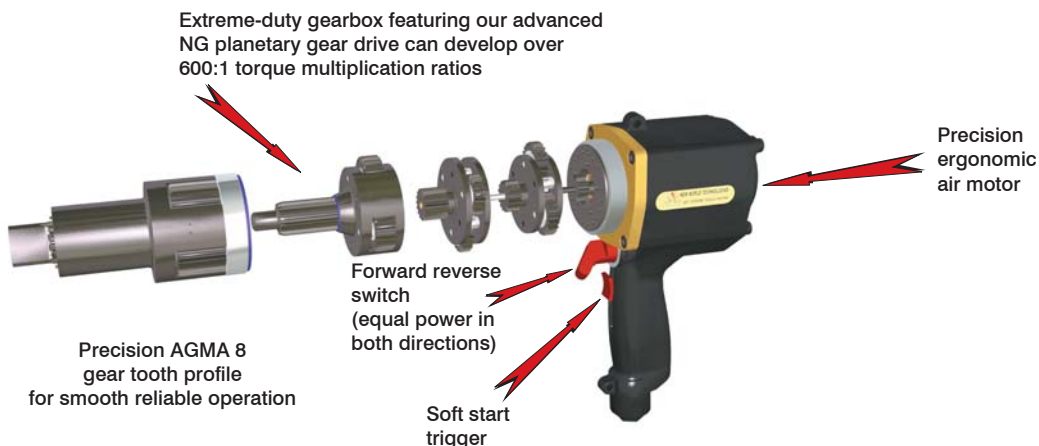
#### B-RAD TOOL KIT

*All B-RAD tools come fully calibrated complete with*

- B-RAD Tool
- Reaction Arm and Retention Ring
- Two 18 volt batteries
- Battery charger
- Operators manual
- Calibration Chart
- Weatherproof Pelican Storage Case



**B-RAD Car Charger**



**RAD® pneumatic torque wrenches incorporate our PATENTED Planetary Gear Reduction Drive Systems to produce the highest power-to-weight ratio of any pneumatic controlled bolting system in the world today!**

# UNMATCHED IN QUALITY, PERFORMANCE, & SAFETY



New World Technologies Inc. is a leading Canadian manufacturer of pneumatic, battery powered, and electronic pistol grip torque wrenches. Our advanced products have proven to be successful all over the world in such industries as oil and gas, petrochemical, mining, aerospace, and manufacturing. We continue to invest in and employ the latest technology to achieve the highest level of innovation, quality, and performance - which has resulted in multiple patents for

our products. New World Technologies Inc. has designed its operations for maximum flexibility and responsiveness ensuring our customers receive outstanding service.



## MAXIMUM FLEXIBILITY AND RESPONSIVENESS, ENSURING OUR CUSTOMERS RECEIVE OUTSTANDING SERVICE



**Power**



### **Highest Power-to-Weight ratio of any power tool**

All RAD® torque guns are designed to deliver the highest power-to-weight ratio of any pneumatic tool on the market today, saving you time and money in maintenance or production costs. The extremely high torque and constant rotation make our tools ideal for virtually any bolting application you will encounter. Equal power in both forward and reverse allows more diversity for tough maintenance jobs.



**Accuracy**



### **Accuracy +/-5%, repeatability 2%\***

Every RAD® air torque wrench is individually calibrated and traceable to NIST standards to help ensure joint integrity. Our tools are many times more accurate than impact wrenches and in many cases can be more precise than click type manual torque wrenches, which are often over pulled by operators.

\* With correct air supply



**Safety**



### **88 times less vibration than Impact wrenches...Operates at only 85 db**

RAD® torque guns are one of the safest power tools on the market today. Our exclusive low profile reaction arm takes virtually all the operational load off the operator, reducing injuries and greatly reducing operating costs. Don't wait for a time loss injury or legislation to force change in your environment, RAD® guns set the standard in bolting safety.



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