

RAD PNEUMATIC SERIES



All RAD Pneumatic tools include:

- Reaction arm & retaining ring
- Tool holder with FRL unit, 12' 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

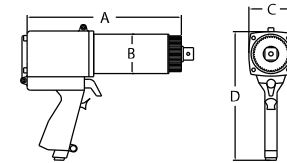
Extreme duty torque wrenches for heavy duty applications!
Also available with built-in transducers - visit the RAD TV Series!

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 $\pm 4\%$ and repeatability of $\pm 2\%$

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 (ft. lbs.)		RPM	WEIGHT (lbs.)	NOISE LEVEL	DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D
			LOW	HIGH							
12316	350SL	0.75"	50	350	65	6	80 db	6.6"	2.4"	2.75"	8.75"
12814	7GX	0.75"	100	700	30	8	80 db	9.0"	2.5"	2.75"	9.0"
12818	10GX	0.75"	200	1000	20	8	80 db	8.15"	2.5"	2.75"	8.07"
17328	15DX	1.0"	300	1500	10	8.6	80 db	8.0"	2.7"	2.75"	8.1"
12377	25GX	1.0"	500	2500	9	13.5	85 db	9.7"	3.1"	3.3"	9.5"
22238	30DX	1.0"	900	3000	8	14.8	85 db	10"	3.2"	3.3"	9.5"
12356	*34GX	1.0"	1000	3400	12	20	85 db	12.5"	3.4"	3.7"	10.8"
20248	50DX	1.5"	1500	5000	6.7	23.5	85 db	11.25"	3.75"	3.75"	10.4"
15328	60DX	1.5"	2000	6000	6.6	27.6	85 db	13.7"	4.0"	4.0"	10.9"
18558	80DX	1.5"	2500	8000	4	30.5	85 db	12.15"	4.25"	4.25"	10.65"
26152	110DX	1.5"	4000	11000	3	42	85 db	13.9"	5.0"	5.0"	11.07"

RAD HIGH SPEED

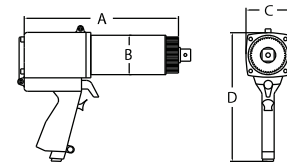
Extreme duty torque wrenches with high RPM productivity

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 (ft. lbs.)		RPM	WEIGHT (lbs.)	NOISE LEVEL	DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D
			LOW	HIGH							
10644	10GX-2	0.75"	350	1000	85	9.9	80 db	10.3"	2.5"	2.75"	8.1"
17068	15DX-2	1.0"	500	1500	50	10.5	80 db	9.9"	2.7"	2.75"	8.1"
19773	25GX-2	1.0"	700	2500	44	16.6	80 db	12.0"	3.1"	3.3"	10.0"
24950	30DX-2	1.0"	1000	3000	49	16.1	80 db	12.2"	3.2"	2.75"	9.5"

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

RAD TRANSDUCER VERIFICATION

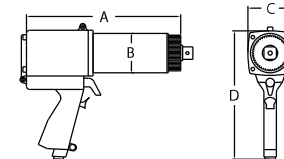
RAD Pneumatic torque wrench with a built in transducer for verification and traceability! With strain gauge technology, you can record every bolt cycle.

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 (ft. lbs.)		RPM	WEIGHT (lbs.)	NOISE LEVEL	DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D
21953	7GX-R TV	0.75"	300	700	30	12	80 db	12.5"	2.5"	2.75"	9.0"
22076	10GX TV	0.75"	200	1000	20	8	80 db	9.5"	2.5"	2.75"	8.07"
22885	15DX TV	1.0"	300	1500	10	8.6	80 db	9.2"	2.7"	2.75"	8.1"
21357	34GX TV	1.0"	1000	3400	12	20	85 db	13.5"	3.4"	3.7"	10.5"

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.

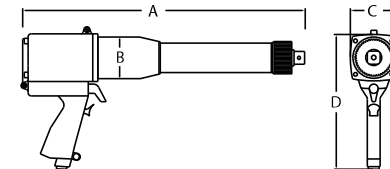
RAD planetary gear torque wrenches are vibration free and have the accuracy to prevent accidental under- and over-tightening. The nose extensions are ideal for reaching wheel nut studs that are recessed and have tight clearances.

- 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 (ft. lbs.) LOW	TORQUE (ft. lbs.) HIGH	RPM	WEIGHT (lbs.)	NOISE LEVEL	DIMENSION A	DIMENSION B	DIMENSION C	DIMENSION D	DIMENSION E
13495	7GX-R	0.75"	300	700	115	12	80 db	14.5"	2.5"	2.0"	2.75"	9.0"
13691	10GX-NX	0.75"	200	1000	20	8	80 db	8.15"	2.5"	n/a	2.75"	8.07"
20810	15NDX-R	1.0"	300	1500	10	16	80 db	21.35"	2.7"	2.7"	2.75"	8.02"
19339	15DX-NX	1.0"	300	1500	10	8.6	80 db	8.0"	2.7"	n/a	2.75"	8.1"
13477	180ONGX-R	1.0"	500	1800	10	27.5	85 db	21.5"	3.0"	2.0"	3.3"	9.5"

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