

Product Safety Information

Intended Use:

These Air Impact Wrenches are designed to remove and install threaded fasteners.

For additional information refer to Air Impact Wrench Product Safety Information Manual Form 04580916.

Manuals can be downloaded from www.ingersollrandproducts.com.

Power Management System

For models that include a power management system, the system allows operator reduction of maximum output power in the forward direction. The power management system does not affect the output power in the reverse direction.

To adjust the power, rotate the Power Regulator to the desired level indicator.

The power level indicators are for reference and DO NOT indicate a specific power. The power output can be further reduced in forward or reverse by using the variable throttle.

Product Specifications

Model	Style	Drive		Impacts per min.	Recommended Torque Range	
		Type	Size		Forward ft-lbs (Nm)	Reverse ft-lbs (Nm)
2145QiMAX 2145QiMAX-AP	Pistol	Square	3/4"	1150	200-900 [1100 Max.] (271-1220 [1491 Max.])	200-1000 [1350 Max.] (271-1356 [1830 Max.])
2145QiMAX-3 2145QiMAX-3-AP	Pistol	Square 3" Extended	3/4"	1150	200-900 [1100 Max.] (271-1220 [1491 Max.])	200-1000 [1350 Max.] (271-1356 [1830 Max.])
2145QiMAX-6 2145QiMAX-6-AP	Pistol	Square 6" Extended	3/4"	1150	200-900 [1100 Max.] (271-1220 [1491 Max.])	200-1000 [1350 Max.] (271-1356 [1830 Max.])
2155QiMAX 2155QiMAX-AP	Pistol	Square	1"	1150	200-900 [1100 Max.] (271-1220 [1491 Max.])	200-1000 [1350 Max.] (271-1356 [1830 Max.])
2145QiMAX-SP 2145QiMAX-SP-AP	Pistol	Square	3/4"	1150	200-900 [1100 Max.] (271-1220 [1491 Max.])	200-1000 [1350 Max.] (271-1356 [1830 Max.])
2155QiMAX-SP 2155QiMAX-SP-AP	Pistol	Square	1"	1150	200-900 [1100 Max.] (271-1220 [1491 Max.])	200-1000 [1350 Max.] (271-1356 [1830 Max.])

Models	Impacting Sound Level dB(A) (ISO15744)		Free Speed Sound Level dB(A) (ISO15744)		Vibration (m/s ²) (ISO28927)	
	† Pressure (L _p)	‡ Power (L _w)	† Pressure (L _p)	‡ Power (L _w)	Level	*K
2145QiMAX 2145QiMAX-AP	96.3	107.3	91.1	102.1	8.7	2.7
2145QiMAX-3 2145QiMAX-3-AP	96.3	107.3	91.1	102.1	8.7	2.7
2145QiMAX-6 2145QiMAX-6-AP	96.3	107.3	91.1	102.1	8.7	2.7
2155QiMAX 2155QiMAX-AP	96.3	107.3	91.1	102.1	8.7	2.7
2145QiMAX-SP 2145QiMAX-SP-AP	96.3	107.3	91.1	102.1	8.7	2.7
2155QiMAX-SP 2155QiMAX-SP-AP	96.3	107.3	91.1	102.1	8.7	2.7

† K_{PA} = 3dB measurement Uncertainty

‡ K_{WA} = 3dB measurement Uncertainty

* K = Vibration measurement Uncertainty

Installation and Lubrication

Size air supply line to ensure tool's maximum operating pressure (P_{MAX}) at tool inlet. Drain condensate from valve(s) at low point(s) of piping, air filter and compressor tank daily. Install a properly sized Safety Air Fuse upstream of hose and use an anti-whip device across any hose coupling without internal shut-off, to prevent hose whipping if a hose fails or coupling disconnects. See drawing 47132782 and table on page 2. Maintenance frequency is shown in a circular arrow and defined as h=hours, d=days, and m=months of actual use. Items identified as:

- | | |
|-----------------------------|------------------------------|
| 1. Air filter | 7. Coupling |
| 2. Regulator | 8. Safety Air Fuse |
| 3. Lubricator | 9. Oil |
| 4. Emergency shut-off valve | 10. Grease - during assembly |
| 5. Hose diameter | 11. Grease - through fitting |
| 6. Thread size | |

Parts and Maintenance

When the life of the tool has expired, it is recommended that the tool be disassembled, degreased and parts be separated by material so that they can be recycled.

Original instructions are in English. Other languages are a translation of the original instructions.

Tool repair and maintenance should only be carried out by an authorized Service Center.

Refer all communications to the nearest **Ingersoll Rand** Office or Distributor.