



W5001 SERIES
20V MID-TORQUE IMPACT WRENCH
Convenience of Cordless. High-Cycle Durability.

W5001 SERIES 20V MID-TORQUE IMPACT WRENCH

Designed specifically for industrial manufacturing, Ingersoll Rand® IQV®20 Series W5001 Cordless Impact Wrench feature a durable rare earth magnet motor ideal for high-cycle use.

From white goods to truck and bus assembly, these cordless Impactools are optimal for continued use in a wide range of non-precision/non-safety joints — like fastening various components in a truck engine compartment or off-line sub-assemblies.

Ergonomically designed, the W5001 Series cordless impacts feature a rubber over-molded grip to help minimize vibration and fatigue during continued use. Measuring only 6" from tip-to-tail, these cordless industrial tools will make access to tight spaces easier, and deliver fast applications speeds to help meet plant throughput goals.

With more than 100 years of engineering expertise, rely on the W5001 Series Impactool to do the job, do it fast, and do it every time.



IQV® Series Warranty		
3 YEAR Limited Warranty on Tools and Chargers	2 YEAR High-Capacity Battery Replacement Applies to x Series batteries 2.4Ah or greater	1 YEAR Tool, Battery & Charger Replacement
See official Terms & Conditions. May vary by country.		

MANUFACTURING



CONTINUOUSLY FASTENING

PRODUCTIVITY

Rare earth magnet motor & optimized impact mechanism deliver fast application speeds that increase productivity and replaceable brushes to increase tool uptime — to help meet plant throughput goals.

FOR
**HIGH-CYCLE
USE**

DURABILITY

Strong, yet lightweight steel-lined aluminum hammer case protects internal components, while patented metal reinforced housing withstands repeated drops.

PERFORMANCE

Ergonomic design — rubber over-molded grip provides user comfort during continued use, the W5001 cordless impacttools are built for high cycle industrial applications.

Specifications	W5111		W5131P		W5151P	
Battery	BL2005	BL2010	BL2005	BL2010	BL2005	BL2010
Drive	1/4" hex	1/4" hex	3/8" square	3/8" square	1/2" square	1/2" square
Retainer Type	QC	QC	Pin	Pin	Pin	Pin
Max Free Speed	1,900 rpm	1,900 rpm	1,900 rpm	1,900 rpm	1,900 rpm	1,900 rpm
Blows per Minute	2,800	2,800	2,800	2,800	2,800	2,800
Max Torque	160 ft-lb (215 Nm)	175 ft-lb (240 Nm)	160 ft-lb (215 Nm)	175 ft-lb (240 Nm)	160 ft-lb (215 Nm)	175 ft-lb (240 Nm)
Recommended Torque Range	25–120 ft-lb (35–160 Nm)	25–130 ft-lb (35–175 Nm)	25–120 ft-lb (35–160 Nm)	25–130 ft-lb (35–175 Nm)	25–120 ft-lb (35–160 Nm)	25–130 ft-lb (35–175 Nm)
Weight with Battery	3.5 lb (1.6 kg)	4.2 lb (1.9 kg)	3.5 lb (1.6 kg)	4.2 lb (1.9 kg)	3.5 lb (1.6 kg)	4.2 lb (1.9 kg)
Length	6.0" (152 mm)	6.0" (152 mm)	5.9" (150 mm)	5.9" (150 mm)	6.1" (154 mm)	6.1" (154 mm)
Sound Level dBA † Pressure Lp (‡ Pressure Lw)	86 (97)	86 (97)	86 (97)	86 (97)	86 (97)	86 (97)
Vibration m/s ² (uncertainty)	4.7 (1.2)	6.9 (1.8)	4.7 (1.2)	6.9 (1.8)	4.7 (1.2)	6.9 (1.8)

INDUSTRIAL



Do the Job. Do it Fast. Do it Every Time.

W50001 Series 20V Mid-Torque Impact Wrench





3.0 Ah battery — BL2010



1.5 Ah battery — BL2005



BC1120

IQV®20 Series Charger auxiliary USB charge port can be mounted to the wall or bench

High-power, 20-volt lithium-ion battery delivers high-charge capacity and low internal impedance for maximum power delivery and exceptional runtime

Intelligent battery management system (BMS) provides power-level and flow-rate control from the battery to the switch to the motor

Model	Description
W5111	1/4" QC 20V Impactool
W5111-K1	W5111 Impactool, Charger, 1 Li-ion Battery & Case
W5111-K2	W5111 Impactool, Charger, 2 Li-ion Batteries & Case
W5131P	3/8" 20V Impactool
W5131P-K1	W5131P Impactool, Charger, 1 Li-ion Battery & Case
W5131P-K2	W5131P Impactool, Charger, 2 Li-ion Batteries & Case
W5151P	1/2" 20V Impactool
W5151P-K1	W5151P Impactool, Charger, 1 Li-ion Battery & Case
W5151P-K2	W5151P Impactool, Charger, 2 Li-ion Batteries & Case
BL2005	IQV®20 Series 1.5 Ah Lithium-Ion Battery Pack
BL2010	IQV®20 Series 3.0 Ah Lithium-Ion Battery Pack
BC1120	IQV®20 Series Battery Charger





Do the Job. Do it Fast. Do it Every Time.



Ingersoll Rand (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency.



Learn more at www.ingersollrand.com

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