



## *IQ<sup>V</sup> Series™ Cordless Tools*

**Cordless convenience.  
Uncompromising power.**



**REAL TOOLS FOR REAL WORK.™**

# Choose Your Power.

The IQ<sup>V12</sup> Series™ of 12-volt tools combine lighter weight and smaller sizes with ergonomic design to make accessing difficult areas easier and to minimize operator fatigue. The Ingersoll Rand IQ<sup>V20</sup> Series™ of 20-volt tools deliver hard-hitting, long-lasting power, with the uncompromising ability to stand up to the all day, every day demands of professionals. IQ<sup>V</sup> Series™ tools **Do the Job, Do it Fast, Do it Every Time.**



**Performance:** The BL2022 5.0 Ah delivers **68% longer run time** than its predecessor at the same size and weight.

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

**Durability:** The intelligent Battery Management System allows the battery to communicate with the tool and charger to prevent over loading, over charging and over discharging for longer tool and battery life.

**Performance:** The BL2012 2.5 Ah delivers **100% longer run time** than its predecessor at the same size and weight.

**Performance:** The BL1203 battery provides 2.0 Ah of 12-volt power, intelligently managed by the IQ<sup>V12</sup> Series™ system for maximum tool runtime.

**IQ<sup>V</sup> Series WARRANTY**

IQ<sup>V</sup> Series Includes IQ<sup>V20</sup> and IQ<sup>V12</sup>

<b>3 Year</b> Limited Warranty on Tools and Chargers	<b>2 Year</b> High-Capacity Battery Replacement <small>applies to x Series Batteries 3.0 Ah or greater</small>	<b>1 Year</b> Tool, Battery & Charger Replacement
--	--	---

See [ingersollrandproducts.com/conditions](http://ingersollrandproducts.com/conditions) for official Terms & Conditions. May vary by country.



**Compatibility:** Charge any of your IQ<sup>V12</sup> and IQ<sup>V20</sup> Series™ batteries on the same universal charger.

**Productivity:** An LED Fuel Gauge and audible alarm will let you know when your batteries are fully charged and ready to get back to work.

**Versatility :** The USB charge port on the side means you don't have to fight for an outlet with your tablet or smart phone. Let us take care of the clutter; you take care of what's next.

Ingersoll Rand's BC1121 lithium-ion universal charger gets all of the batteries in our IQ<sup>V12</sup> and IQ<sup>V20</sup> Series™\* lineup charged and ready to go whenever you are. Whether it's our 20V or 12V batteries, this innovative, multi-use battery charger will make it easier and faster to have a freshly charged battery to get your work done now, not later.

\*For use with any of our IQ<sup>V12</sup> and IQ<sup>V20</sup> Lithium-Ion Batteries, BL2022, BL2010, BL2012, BL2005 and BL1203.

# IQ<sup>V12</sup> Series™ Impact Wrench

W1110 1/4", W1120 1/4", W1130 3/8"

**Tuned impact mechanism and all-metal drivetrain** deliver 100 ft-lb of torque and durable performance

**Bright white LED** casts light on the work piece

**Patent-pending soft-mount system** reduces vibration for extended motor and switch life

**2.0 Ah Li-Ion battery with fuel gauge** for battery charge visibility, so you can better prepare to get more work done

**Impact- and chemical-resistant housing** protects against repeated six foot drops onto concrete and exposure to shop fluids

**3-point rubber pads** protect tool and work surfaces

**Ergonomically designed small-handle grip** helps reduce operator fatigue during extended use



## Ideal for:



General automotive repair



Collision repair



Heavy equipment repair

## IQ<sup>V12</sup> Series™ Impact Wrench

Model	Battery	Voltage DC	Drive Size, Type	Impacts per Minute	No-Load Speed rpm	MAX Torque ft-lb (Nm)	Tool & Battery	
							Weight lb (kg)	Length in (mm)
W1110	BL1203	12	1/4" Hex, Quick Change	3,300	0-2,700	100 (135)	2.32 (1.05)	5.9 (150)
W1120	BL1203	12	1/4", Square	3,300	0-2,700	100 (135)	2.30 (1.03)	5.9 (150)
W1130	BL1203	12	3/8", Square	3,300	0-2,700	100 (135)	2.30 (1.04)	5.9 (150)



W1130-K2

## Available in Kits

Model	Description
W1110-K2	1/4" Drive Quick Change Impact Wrench, Charger & 2 Li-ion Batteries
W1120-K2	1/4" Drive Impact Wrench, Charger & 2 Li-ion Batteries
W1130-K2	3/8" Drive Impact Wrench, Charger & 2 Li-ion Batteries

# IQ<sup>V20</sup> Series™ Impact Wrench

## W7152 & W7252 1/2"

### Tuned impact mechanism

delivers 1500 ft-lb nut-busting torque and 1000 ft-lb of MAX torque from a tool that measures just 8.1" from tip to tail and weighs only 7.6 lbs.

### Shadowless 360 degree LED light ring

with task light mode and 4 dimmable settings

### All-metal drivetrain and

hammer mechanism is robust, durable and optimized for maximum power and efficiency

### Variable-speed switch with electronic brake

provides maximum control of the tool and increases safety—release trigger, drive stops spinning

**Tough composite housing and patented steel-reinforced frame** protects against aggressive fluids, chemicals and repeated drops

**Powerful brushless motor** delivers durability and efficiency as well as best-in-class power-to-weight ratio

**IQ<sup>V</sup> Power Control System** includes 4 modes —full power, half power, wrench tight, and hand tight—so there is no need to switch tools



MODE	HAND TIGHT	WRENCH TIGHT	HALF POWER	MAX POWER
ft-lb (Nm)	4-10 (5-14)	35-110 (50-150)	100-530 (135-720)	100-1000 (135-1360)
	1000 (1360)	1000 (1360)	1000 (1360)	1000 (1360)
BOLT SIZE	M6-M12	M10-M16	M12-M32	M16-M32
SHUT OFF	✓	✓		

### Ideal for:



General automotive repair



Heavy equipment repair



General industrial

\*Requires 5.0 Ah battery for maximum performance

IQ <sup>V20</sup> Series™ Impact Wrench									
Model	Battery	Voltage DC	Drive Size, Type	Impacts per Minute	Free Speed rpm	Nut-Busting Torque ft-lb (Nm)	MAX Torque ft-lb (Nm)	Tool & Battery	
								Weight lb (kg)	Length in (mm)
W7152	BL2022	20V	1/2", Socket Retaining Ring	2450	0-1900	1500 (2033)	1000 (1360)	7.6 (3.4)	8.1 (207)
W7152P	BL2022	20V	1/2", Socket Retaining Ring	2450	0-1900	1500 (2033)	1000 (1360)	7.6 (3.4)	8.1 (207)
W7252	BL2022	20V	1/2", Socket Retaining Ring	2450	0-1900	1500 (2033)	1000 (1360)	7.9 (3.6)	10.1 (257)



W7152-K22

### Available in Kits

Item No.	Kit Details
W7152-K12	1 BL2022 Battery, Tool, Charger, Bag
W7152-K22	2 BL2022 Battery, Tool, Charger, Bag
W7152P-K22	2 BL2022 Battery, Tool, Charger, Bag
W7252-K22	2 BL2022 Battery, Tool, Charger, Bag

# IQ<sup>V20</sup> Series™ Impact Wrench

## W5132 3/8" & W5152 1/2"

### Tuned impact mechanism

delivers 550 ft-lb nut-busting torque and 365 ft-lb of MAX torque from a tool that measures just 6.5" from tip to tail and weighs only 5.1 lb

### Shadowless 360 degree LED light ring

with task light mode and 4 dimmable settings

### All-metal drivetrain and hammer mechanism

is robust, durable and optimized for maximum power and efficiency

### Variable-speed switch with electronic brake

provides maximum control of the tool and increases safety—release trigger, drive stops spinning

### Tough composite housing and patented steel-reinforced frame

protects against aggressive fluids, chemicals and repeated drops

**Powerful brushless motor** delivers durability and efficiency as well as best-in-class power-to-weight ratio

**IQ<sup>V</sup> Power Control System** includes 4 modes—full power, mid power, wrench tight, and hand tight—so there is no need to switch tools



MODE	HAND TIGHT	WRENCH TIGHT	MID POWER	MAX POWER
ft-lb (Nm)	2-9 (3-12)	10-24 (13-33)	25-240 (34-325)	25-340 (34-460)
	365 (500)	365 (500)	365 (500)	365 (500)
RPM	0-800	0-1600	0-2100	0-2100
BOLT SIZE	M6-M12	M10-M16	M12-M32	M16-M32
SHUT OFF	✓	✓		



### Ideal for:



IQ <sup>V20</sup> Series™ Impact Wrench									
Model	Battery	Voltage DC	Drive Size, Type	Impacts per Minute	No-Load Speed rpm	Nut-Busting Torque ft-lb (Nm)	MAX Torque ft-lb (Nm)	Tool & Battery Weight lb (kg)	Length in (mm)
W5132	BL2010/BL2022	20	3/8", Square Hog Ring	3,300	0-2,100	550 (745)	365 (495)	5.1 (2.3)	6.5 (166)
W5132	BL2012	20	3/8", Square Hog Ring	3,100	0-2,100	400 (540)	295 (400)	4.5 (2.0)	6.5 (166)
W5152	BL2010/BL2022	20	1/2", Square Hog Ring	3,300	0-2,100	550 (745)	365 (495)	5.2 (2.3)	6.7 (170)
W5152	BL2012	20	1/2", Square Hog Ring	3,100	0-2,100	400 (540)	295 (400)	4.5 (2.1)	6.7 (170)

### Available in Kits



W5152-K22

Item No.	Kit Details
W5132-K12	3/8" Impact Wrench, Charger, 1 BL2022 Li-ion Battery & Bag
W5132-K22	3/8" Impact Wrench, Charger, 1 BL2012 Li-ion Battery, 1 BL2022 Li-ion Battery & Bag
W5152-K12	1/2" Impact Wrench, Charger, 1 BL2022 Li-ion Battery & Bag
W5152-K22	1/2" Impact Wrench, Charger, 1 BL2012 Li-ion Battery, 1 BL2022 Li-ion Battery & Bag

# IQ<sup>V20</sup> Series™ High-Torque Impact Wrench

## W7150 1/2", W7150P 1/2" & W7250 1/2"

**Tuned impact mechanism** delivers more torque, is more durable and more efficient; 780 ft-lb max torque and 1,100 ft-lb nut-busting torque equals the output of our 2135TiMAX air impact wrench—all from a 6.8-lb tool/battery combo

**Durable, steel-lined aluminum hammer case** is designed to be strong and lightweight, while protecting interior components

**All-metal drivetrain and hammer mechanism** is robust, durable and optimized for maximum power and efficiency

**Variable-speed switch** provides maximum control of the tool

### Ideal for:



General automotive repair



Heavy equipment repair



General industrial



**High-power rare earth magnet (neodymium) motor** offers a long life and high power

**Patent-pending soft touch over-molded grip** minimizes vibration, reduces fatigue and enhances user comfort during extended use

**Tough composite housing and patented steel-reinforced frame** protects against fluids, chemicals and repeated drops

\*Requires 3.0 Ah battery or higher

IQ <sup>V20</sup> Series™ Impact Wrench									
Model	Battery	Voltage DC	Drive Size, Type	Impacts per Minute	No-Load Speed rpm	Nut-Busting Torque ft-lb (Nm)	MAX Torque ft-lb (Nm)	Tool & Battery Weight lb (kg)	Length in (mm)
W7150	BL2010/BL2022	20	1/2", Hog Ring	2,300	0–1,900	1,100 (1,491)	780 (1,057)	6.8 (3.1)	9.4 (238)
W7150P	BL2010/BL2022	20	1/2", Pin Detent	2,300	0–1,900	1,100 (1,491)	780 (1,057)	6.9 (3.1)	9.4 (238)
W7250	BL2010/BL2022	20	1/2", 2" Extended Hog Ring	2,300	0–1,900	1,100 (1,491)	780 (1,057)	6.9 (3.1)	11.2 (285)

### Available in Kits



W7150-K22

Model	Description
W7150-K1	1/2" Impact Wrench, Charger, 1 BL2010 Li-ion Battery & Case
W7150-K2	1/2" Impact Wrench, Charger, 2 BL2010 Li-ion Batteries & Case
W7150-K12	1/2" Impact Wrench, Charger, 1 BL2022 Li-ion Battery & Case
W7150-K22	1/2" Impact Wrench, Charger, 2 BL2022 Li-ion Batteries & Case
W7150P-K12	1/2" Pin Impact Wrench, Charger, 1 BL2022 Li-ion Battery & Case
W7150P-K22	1/2" Pin Impact Wrench, Charger, 2 BL2022 Li-ion Batteries & Case
W7250-K1	1/2" Impact Wrench, Charger, 1 BL2010 Li-ion Battery & Case
W7250-K2	1/2" Impact Wrench, Charger, 2 BL2010 Li-ion Batteries & Case

# BORN FROM A LEGEND.

## W7170 3/4" 20V Impactool™

The Ingersoll Rand W7170 Series Cordless Impactool™ was built on the hardworking and respected foundation laid by the W7150. The result is a light, quiet and powerful impact wrench that professional technicians will come to rely on in the field. Ingersoll Rand IQ<sup>V20</sup> Series™ cordless tools are specifically designed for vehicle services, industrial maintenance and manufacturing applications. The W7170 3/4" Impactool™ makes quick work of tough jobs that the professional technician does every day — something that until now, only an air tool could do.



Heavy Vehicle



Industrial Equipment



Railway Maintenance



Facility Repair

### Tool Features

#### POWER

All-metal drivetrain and hammer mechanism — robust, durable, and optimized for maximum power and efficiency.

#### DURABILITY

Variable speed brakeless switch — provides maximum control of the tool.  
Drop-resistant, steel-reinforced frame protects against breakage.



#### COMFORT

Patent-pending soft touch over-molded grip — minimizes vibration, reduces fatigue, and enhances user comfort during extended use. Best-in-class power-to-weight ratio — 780 ft-lb reverse torque and 1100 ft-lb nut-busting torque from a 7.2 lbs tool/battery combo.

### Specs

#### IQ<sup>V20</sup> Series™ W7170 Cordless Impactool™

Model	Battery	Voltage DC	Drive Size, Type	MAX Torque ft.-lb. (Nm)	Nut-Busting Torque ft.-lb. (Nm)	Tool & Battery	
						Weight lb (kg)	Length in. (mm)
W7170	BL2022	20	3/4", Square Socket Retaining Ring	780 (1057)	1100 (1490)	7.22 (3.28)	10.08 (256)



The W7170 is also available in a kit.

Item No.	Kit Details
W7170-K22	Tool, Universal Charger, 2 5.0 Ahr Batteries, Case

**IQ<sup>V</sup>Series WARRANTY**

IQ<sup>V</sup> Series Includes IQ<sup>V20</sup> and IQ<sup>V30</sup>

**3 Year**  
Limited  
Warranty on  
Tools and  
Chargers

**2 Year**  
High-Capacity  
Battery  
Replacement

Applies to x-Series batteries  
3.2 Ahr or greater

**1 Year**  
Tool, Battery & Charger  
Replacement

See [ingersollrandproducts.com/warranty](http://ingersollrandproducts.com/warranty) for official Terms & Conditions. May vary by country.



www.ingersollrandproducts.com  
**REAL TOOLS FOR REAL WORK.™**

Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands — including Club Car®, Ingersoll Rand®, Thermo King® and Trane® — work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$12 billion global business committed to a world of sustainable progress and enduring results.

# IQ<sup>V20</sup> Series™ Right Angle Impact Wrench

## W5330 3/8" & W5350 1/2"



### Ideal for:



General automotive repair



Facilities maintenance



General industrial

### IQ<sup>V20</sup> Series™ Right Angle Impact Wrench

Model	Battery	Voltage DC	Drive Size, Type	No-Load Speed rpm	MAX Torque ft-lb (Nm)	Tool & Battery	
						Weight lb (kg)	Length in (mm)
W5330	BL2012	20	3/8", Hog Ring	0-1,900	180 (245)	4.55 (2.06)	17.25 (439)
W5330	BL2010/BL2022	20	3/8", Hog Ring	0-1,900	190 (258)	5.15 (2.27)	17.25 (439)
W5350	BL2012	20	1/2", Hog Ring	0-1,900	180 (245)	4.55 (2.06)	17.25 (439)
W5350	BL2010/BL2022	20	1/2", Hog Ring	0-1,900	190 (258)	5.15 (2.27)	17.25 (439)



W5330-K22

### Available in Kits

Model	Description
W5330-K12	3/8" Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5330-K22	3/8" Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case
W5350-K12	1/2" Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5350-K22	1/2" Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case



# IQ<sup>V20</sup> Series™ Mid-Torque Impact Wrench

## W5110 1/4", W5130 3/8" & W5150 1/2"

### Tuned impact mechanism

delivers 190 ft-lb of torque from a lightweight, balanced, compact tool that measures just 6.6" long from tip to tail

**Durable, steel-lined aluminum hammer case** is designed to be strong and lightweight, while protecting interior components for a long lifetime of durability

**Variable-speed switch with electronic brake** provides maximum control of the tool and increases safety—release trigger, drive stops spinning

### Ideal for:



General automotive repair



Facilities maintenance



General industrial



**All-metal drivetrain and hammer mechanism** is robust, durable and optimized for maximum power and efficiency

**Tough composite housing and patented steel-reinforced frame** protects against fluids, chemicals and repeated drops

**Lightweight, balanced, ergonomic handle with patent-pending rubber over-molded grip** minimizes vibration, reduces fatigue and enhances user comfort during extended use

### IQ<sup>V20</sup> Series™ Impact Wrench

Model	Battery	Voltage DC	Drive Size, Type	Impacts per Minute	No-Load Speed rpm	MAX Torque ft-lb (Nm)	Tool & Battery	
							Weight lb (kg)	Length in (mm)
W5110	BL2012	20	1/4", Hex	2,900	0–1,700	165 (225)	3.6 (1.6)	6.6 (168)
W5110	BL2010/BL2022	20	1/4", Hex	2,900	0–1,700	175 (240)	4.1 (1.9)	6.6 (168)
W5130	BL2012	20	3/8", Hog Ring	2,900	0–1,700	180 (245)	3.6 (1.6)	6.6 (162)
W5130	BL2010/BL2022	20	3/8", Hog Ring	2,900	0–1,700	190 (260)	4.1 (1.9)	6.6 (162)
W5150	BL2012	20	1/2", Hog Ring	2,900	0–1,700	180 (245)	3.6 (1.6)	6.6 (162)
W5150	BL2010/BL2022	20	1/2", Hog Ring	2,900	0–1,700	190 (260)	4.1 (1.9)	6.6 (162)

### Available in Kits

Model	Description
W5110-K12	1/4" Hex Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5110-K22	1/4" Hex Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case
W5130-K12	3/8" Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5130-K22	3/8" Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case
W5150-K12	1/2" Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5150-K22	1/2" Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case



W5130-K22

# IQ<sup>V20</sup> Series™ High Cycle Impact Wrench

W5111 1/4", W5131P 3/8" & W5151P 1/2"

**PRODUCTION RATED**

**Tuned impact mechanism** delivers 175 ft-lb of maximum torque, ready to perform job after job

**1/4" Hex, 3/8" and 1/2" Pins** for maximum versatility and secure and accurate rundowns

**Durable, steel-lined aluminum hammer case** is designed to protect internal components, while patented metal reinforced housing withstands repeated drops

**Fast application speeds** help meet plant throughput goals

**Compact design** makes operation and access easier in tight spots

**All-metal drivetrain and hammer mechanism** is robust, durable and optimized for maximum power and efficiency

**High-power rare earth magnet (neodymium) motor and replaceable brushes** offer a long, durable life and high power

**Rubber over-molded grip** minimizes vibration, reduces fatigue and enhances user comfort during extended use



## Ideal for:



Production assembly

IQ <sup>V20</sup> Series™ Impact Wrench								
Model	Battery	Voltage DC	Drive Size, Type	Impacts per Minute	No-Load Speed rpm	MAX Torque ft-lb (Nm)	Tool & Battery	
							Weight lb (kg)	Length in (mm)
W5111	BL2012	20	1/4", Hex	2,800	0-1,900	160 (215)	3.5 (1.6)	6.0 (152)
W5111	BL2010/BL2022	20	1/4", Hex	2,800	0-1,900	175 (240)	4.2 (1.9)	6.0 (152)
W5131P	BL2012	20	3/8", Pin Detent	2,800	0-1,900	160 (215)	3.5 (1.6)	5.9 (150)
W5131P	BL2010/BL2022	20	3/8", Pin Detent	2,800	0-1,900	175 (240)	4.2 (1.9)	5.9 (150)
W5151P	BL2012	20	1/2", Pin Detent	2,800	0-1,900	160 (215)	3.5 (1.6)	6.1 (154)
W5151P	BL2010/BL2022	20	1/2", Pin Detent	2,800	0-1,900	175 (240)	4.2 (1.9)	6.1 (154)

## Available in Kits



W5111-K12

Model	Description
W5111-K12	1/4" Hex Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5111-K22	1/4" Hex Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case
W5131P-K12	3/8" Pin Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5131P-K22	3/8" Pin Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case
W5151P-K12	1/2" Pin Impact Wrench, Charger, 1 BL2012 Li-ion Battery & Case
W5151P-K22	1/2" Pin Impact Wrench, Charger, 2 BL2012 Li-ion Batteries & Case



Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$13 billion global business committed to a world of sustainable progress and enduring results.



[www.ingersollrandproducts.com](http://www.ingersollrandproducts.com)

Ingersoll Rand, IR, the IR logo, Impact Wrench and IQ<sup>20</sup> Series are trademarks of Ingersoll Rand, its subsidiaries and/or affiliates. All other trademarks are the property of their respective owners.

Nothing contained on these pages is intended to extend any warranty or representation, expressed or implied, regarding the product described herein. Any such warranties or other terms and conditions of sale of products shall be in accordance with Ingersoll Rand's standard terms and conditions of sale for such products, which are available upon request.

Product improvement is a continuing goal at Ingersoll Rand. Any designs, diagrams, pictures, photographs and specifications contained within this document are for representative purposes only and may include optional scope and/or functionality and are subject to change without notice or obligation.