



mb air systems ltd



## *IQ<sup>V20</sup> Series™ Cordless Tools*

Cordless convenience.  
Uncompromising power.



**REAL TOOLS FOR REAL WORK.™**

[mb air systems ltd](http://mbairsystems.com)

# Uncompromising Cordless Power.

All cordless tools offer easy-working freedom from electrical cords and air hoses—but most can't deliver the hardworking power needed to get the tough jobs done. The Ingersoll Rand IQ<sup>V20</sup> Series™ of 20-volt tools is different: each is designed, built and tested to stand up to the all day, every day demands of professionals. With 20 volts of hard-hitting, long-lasting power, IQ<sup>V20</sup> Series tools deliver uncompromising abilities to **Do the Job, Do it Fast, Do it Every Time.**

## Performance:

- With 20 volts of lithium-ion power, IQ<sup>V20</sup> Series tools offer torque and speed advantages comparable to premium-quality air tools.

## Versatility:

- No cord or air hose means go-anywhere versatility—even in tight spots.

## Durability:

- Strength in every detail, including robust, metal-reinforced composite housings that protect against breakage and corrosive chemicals.



General  
automotive repair



Collision  
repair



Heavy equipment  
repair



Facilities  
maintenance



Light  
assembly



General  
industrial





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

## W7150EU 1/2"

**Tuned impact mechanism** delivers more torque, is more durable and more efficient. 1,057 Nm max torque and 1,491 Nm nut-busting torque equals the output of our 2135QXPA air Impacttool—all from a 3.1 kg 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 with electronic brake** provides maximum control of the tool

**Best-in-class power-to-weight ratio**

**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



### Ideal for:



General automotive repair



Heavy equipment repair



General industrial

Requires BL2010 3.0 Ahr battery or higher

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)
<b>IQ<sup>V20</sup> Series™ Impacttool™</b>									
W7150EU	BL2010	20	1/2" Square	2,300	0–1,900	1,100 (1,491)	780 (1,057)	6.8 (3.1)	9.4 (238)



### Available in kits

Model	Description
W7150EU-K2	1/2" Drive Impacttool, Charger, 2 BL2010 Li-ion Batteries & Case

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

## W5130 3/8" & W5150 1/2"

### Tuned impact mechanism

delivers 260 Nm of torque from a lightweight, balanced, compact tool that measures just 162 mm 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—depress trigger, drive stops spinning

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

**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



### Ideal for:



General automotive repair



Facilities maintenance



General industrial

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)
<b>IQ<sup>V20</sup> Series™ Impacttool™</b>								
W5130	BL2005	20	3/8" Square	2,900	0–1,700	180 (245)	3.6 (1.6)	6.6 (162)
W5130	BL2010	20	3/8" Square	2,900	0–1,700	190 (260)	4.1 (1.9)	6.6 (162)
W5150	BL2005	20	1/2" Square	2,900	0–1,700	180 (245)	3.6 (1.6)	6.6 (162)
W5150	BL2010	20	1/2" Square	2,900	0–1,700	190 (260)	4.1 (1.9)	6.6 (162)

### Available in kits

Model	Description
W5130EU-K2	3/8" Drive Impacttool, Charger, 2 BL2005 Li-ion Batteries & Case
W5150EU-K2	1/2" Drive Impacttool, Charger, 2 BL2005 Li-ion Batteries & Case



W5150EU-K2

# IQ<sup>V20</sup> Series™ High Cycle Impacttool™

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

**PRODUCTION RATED**

**Tuned impact mechanism** delivers 240 Nm 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 greater 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

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)
<b>IQ<sup>V20</sup> Series™ Impacttool™</b>								
W5111	BL2005	20	1/4" Hex	2,800	0-1,900	160 (215)	3.5 (1.6)	6.0 (152)
W5111	BL2010	20	1/4" Hex	2,800	0-1,900	175 (240)	4.2 (1.9)	6.0 (152)
W5131P	BL2005	20	3/8" Pin	2,800	0-1,900	160 (215)	3.5 (1.6)	5.9 (150)
W5131P	BL2010	20	3/8" Pin	2,800	0-1,900	175 (240)	4.2 (1.9)	5.9 (150)
W5151P	BL2005	20	1/2" Pin	2,800	0-1,900	160 (215)	3.5 (1.6)	6.1 (154)
W5151P	BL2010	20	1/2" Pin	2,800	0-1,900	175 (240)	4.2 (1.9)	6.1 (154)



W5111EU-K2

### Available in kits

Model	Description
W5111EU-K2	1/4" Hex Drive Impacttool, Charger, 2 BL2005 Li-ion Batteries & Case
W5131PEU-K2	3/8" Pin Drive Impacttool, Charger, 2 BL2005 Li-ion Batteries & Case
W5151PEU-K2	1/2" Pin Drive Impacttool, Charger, 2 BL2005 Li-ion Batteries & Case



# IQ<sup>V20</sup> Series™ Right Angle Impactool™

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

**245 Nm of reactionless torque** spares your knuckles, while showing hard-to-reach jobs no mercy

**Steel-lined aluminum hammer case** and a super-tough nylon housing make it ready to handle for every 6-ft. drop or shop fluid that comes its way

**Conveniently located** forward/reverse switch for maximum control

**Ergonomic handle and comfort grip** offers the same reach as a ratchet

**Fully serviceable head** for extended tool life. Save on parts and replacement tool costs by removing a few quick screws for better accessibility

**From 0-1,900 rpm instantly** just like your favorite impact wrench, the W5350 flies through bolts with the variable speed trigger for more control

**Patent-pending Inline™ battery design** can go places other impact wrenches only dream of—spaces that used to be reserved for a traditional ratchet or your bare hands

**High-power, extended-life 20-volt lithium-ion battery** is compatible with BL2005 and BL2010

**Ideal for:**

- General automotive repair
- Facilities maintenance
- General industrial

Model	Battery	Voltage DC	Drive Size, Type	No-Load Speed rpm	Max. Torque ft-lb (Nm)	Weight lb (kg)	Tool & Battery Length in (mm)
<b>IQ<sup>V20</sup> Series™ Ratchet Wrench</b>							
W5330	BL2005	20	3/8" Square	0-1,900	180 (245)	4.55 (2.06)	17.25 (439)
W5330	BL2010	20	3/8" Square	0-1,900	190 (258)	5.15 (2.27)	17.25 (439)
W5350	BL2005	20	1/2" Square	0-1,900	180 (245)	4.55 (2.06)	17.25 (439)
W5350	BL2010	20	1/2" Square	0-1,900	190 (258)	5.15 (2.27)	17.25 (439)



### Available in kits

Model	Description
W5330EU-K1	3/8" Drive Impactool, Charger, 1 BL2005 Li-ion Battery & Case
W5350EU-K1	1/2" Drive Impactool, Charger, 1 BL2005 Li-ion Battery & Case

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

## R3130 3/8" & R3150 1/2"



### Ideal for:



Model	Battery	Voltage DC	Drive Size, Type	No-Load Speed rpm	Max. Torque ft-lb (Nm)	Tool & Battery Weight lb (kg)	Length in (mm)
<b>IQ<sup>V20</sup> Series™ Ratchet Wrench</b>							
R3130	BL2005	20	3/8" Square	0-225	54 (73)	4.4 (2.0)	17.5 (445)
R3130	BL2010	20	3/8" Square	0-225	54 (73)	5.0 (2.3)	17.5 (445)
R3150	BL2005	20	1/2" Square	0-225	54 (73)	4.4 (2.0)	17.5 (445)
R3150	BL2010	20	1/2" Square	0-225	54 (73)	5.0 (2.3)	17.5 (445)



R3150EU-K1

### Available in kits

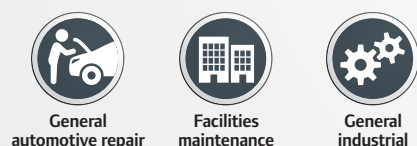
Model	Description
R3130EU-K1	3/8" Drive Ratchet, Charger, 1 BL2005 Li-ion Battery & Case
R3150EU-K1	1/2" Drive Ratchet, Charger, 1 BL2005 Li-ion Battery & Case

# IQ<sup>V20</sup> Series™ Drill/Driver

## D5140 1/2"



### Ideal for:



Requires BL2010 3.0 Ahr battery or higher

Model	Battery	Voltage DC	Drive Size, Type	No-Load Speed rpm		Max. Stall Torque in-lbs (Nm)	Tool & Battery	
				High	Low		Weight lb (kg)	Length in (mm)
IQ <sup>V20</sup> Series™ Drill/Driver								
D5140	BL2010	20	1/2" Chuck	0–500	0–1,900	700 (80)	5.4 (2.45)	9.25 (235)



D5140-K2-EU

### Available in kits

Model	Description
D5140-K2-EU	1/2" Drill/Driver, Charger, 2 BL2010 Li-ion Batteries & Case



# L5110 20V Cordless LED Task Light

**Ultra-bright white LED** casts 180 lumens and lasts up to 20,000 hours

**Patented aluminum head** dissipates heat and is lightweight, yet heavy-duty

**IQ<sup>V20</sup> Series intelligent battery management system** provides:

- Up to 15 hours of runtime on a single-charge 3.0 Ah battery
- Up to 8 hours of runtime on a 1.5 Ah battery

**Ideal for:**



General automotive repair



Collision repair



Facilities maintenance



**Impact-resistant housing** protects against fluids, chemicals and repeated drops

**Multi-position head and standing base** allow for lighting from above or below



**Hanging hook** allows for versatile positioning at any angle

Model	Luminous Power Lumens	Run Time (hr)		mm (in)	kg (lb)	
		BL2005	BL2010			
IQ <sup>V20</sup> Series™ LED Task Light						
L5110	180	8	15	121 (4.76)	0.86 (1.9)	1.10 (2.4)

## One Cordless Battery Platform

The IQ<sup>V20</sup> Series 20V lithium-ion battery platform powers all of the cordless tools you need. That means all of the IQ<sup>V20</sup> Series tools you own can share batteries and chargers, making it easier and faster to have a freshly charged battery ready to get the job done.



**3.0 Ah (BL2010)**

Compatible with all IQ<sup>V20</sup> Series tools  
Sold separately



**1.5 Ah (BL2005)**

Not compatible with W7150 Impacttool or D5140 drill/driver  
Sold separately

**High-power, extended-life 20V lithium-ion battery** delivers high charge capacity and low internal impedance for maximum power delivery and exceptional run time

**Intelligent battery management system (BMS)** provides power level and current control from the battery to the switch to the motor

**Easy-to-use battery interface** makes changing the battery quick and simple



**BC1120-EU**

**The IQ<sup>V20</sup> Charger** features an auxiliary USB charging port and is wall or bench mountable



# Additional Cordless Convenience: IQ<sup>V12</sup> Series™

## Big versatility in smaller packages.

The IQ<sup>V12</sup> Series™ of 12-volt tools from Ingersoll Rand offers versatile performance, cordless convenience and rugged durability in exceptionally compact packages with class-leading ergonomics—key benefits in the automotive services, industrial and MRO markets. Lighter tool weight and smaller tool sizes combine with ergonomic design to make accessing difficult areas easier, minimize operator fatigue, and to **Do the Job, Do it Fast, Do it Every Time.**

### Accessibility:

- The **compact, cordless design** of every IQ<sup>V12</sup> Series tool makes accessing tight spaces easier.

### Comfort:

- **Lightweight design and small handles** help minimize fatigue, making tools more ergonomic and comfortable to hold.

### Durability:

- **Chemical- and impact-resistant housings** are designed to withstand tough environments and repeated drops, while protecting interior components.



General  
automotive repair



Collision  
repair



Heavy equipment  
repair



Facilities  
maintenance



Light  
assembly



# IQ<sup>V12</sup> Series™ Products and Accessories

## Impacttools™



**W1110**  
Quick Change Hex



**W1120**  
1/4" Square Drive



**W1130**  
3/8" Square Drive



**135 Nm**  
TORQUE

## Ratchets



**R1120**  
1/4" Square Drive



**R1130**  
3/8" Square Drive



**40 Nm**  
TORQUE

## Drill/Driver



**D1130**  
3/8" Chuck



**23 Nm**  
TORQUE

## Screwdriver



**D1410**  
Quick Change Hex



**23 Nm**  
TORQUE

## Task Light



**L1110**  
Adjustable Head



**180**  
LUMENS

## IQ<sup>V12</sup> Series™ Battery BL1203

- **2.0 Ah of 12-volt power** for maximum tool runtime
- **Positive-lock system** emits highly audible click when properly secured in tool, helping to eliminate drops and damage
- **Patent-pending dual side button** design for easier battery installation



For more information on the IQ<sup>V12</sup> Series, visit our website or contact your local dealer.





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