

DUROFIX™

Manufacturers of Precision & Power



Website



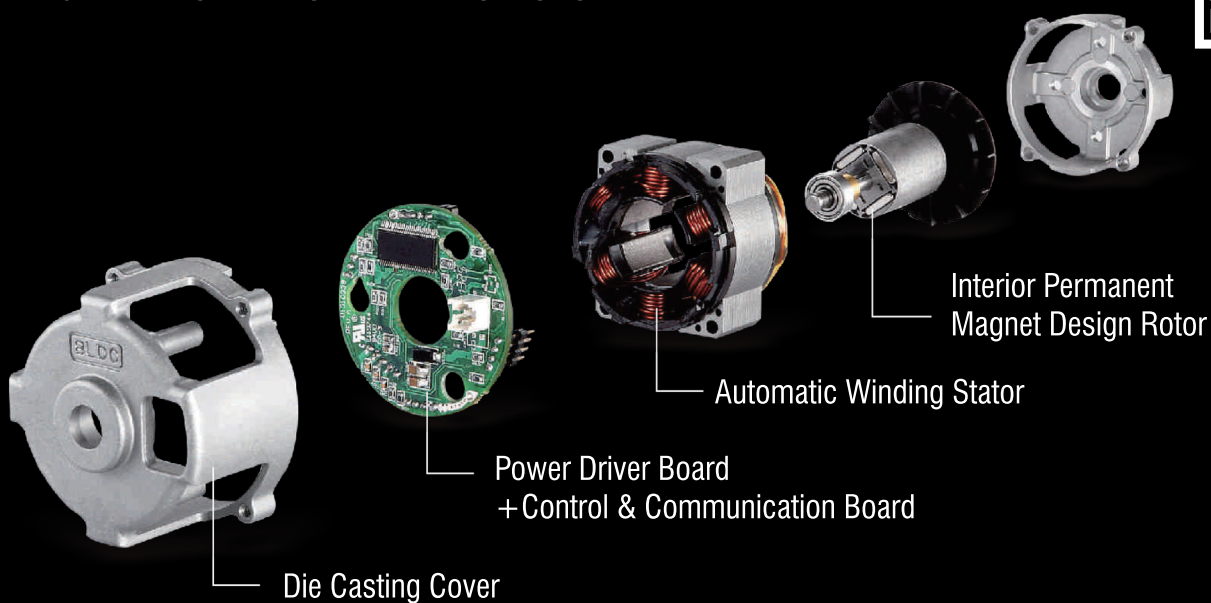
PRO-ASSEMBLY SERIES

SOLUTION

FOR ASSEMBLY WORKS

CONTROL + MOTOR ALL-IN-ONE DESIGN

✓ HIGH PERFORMANCE WITH AIO MOTOR



ASSEMBLY PROCESSES OPTIMISATION

No cables, air hoses or compressors to get in the way

HIGH ACCURACY REPEATABILITY

Auto shut-off mechanisms ensure accuracy and precision every time.

LONGER LIFESPAN & BETTER ENERGY EFFICIENCY

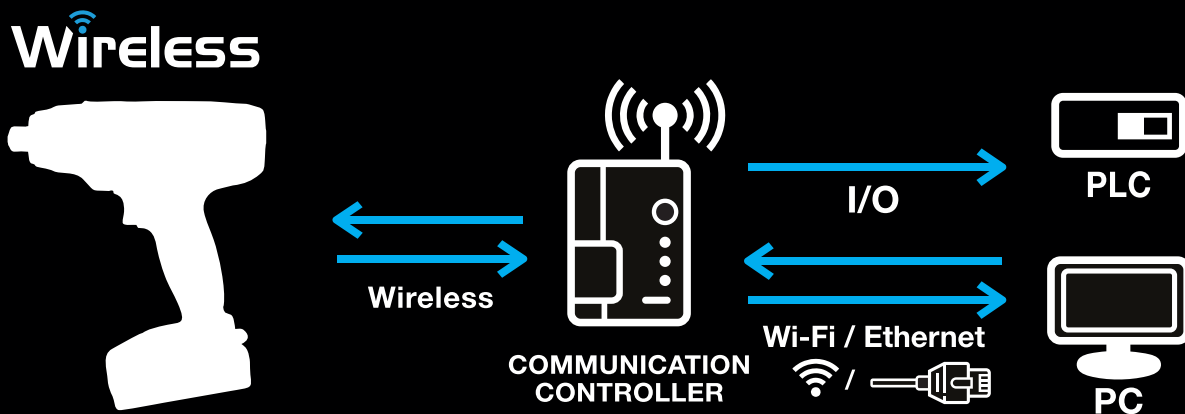
Lithium-ion batteries and brushless motors get the job done

Wireless

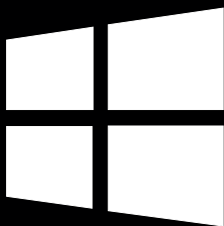
PRO-ASSEMBLY WIRELESS DATA COMM

Pro-Assembly Wireless Data Comm. allow plant manager to remotely control and monitor devices through the wireless receiver/communication controller (DR001, DR002, sold separately) connected to the existing PLC system or PC. The tool can store up to 1,000 joint rundowns which can be downloaded wireless in bulk at the end of the day or accessed in real time via the PLC system or PC.

DESIGNED for VERSATILITY



WINDOWS APP SYSTEM GO WIRELESS



WINDOWS APP

Windows App Features:

- Remotely fine tune torque and other settings for more precise applications (Max speed / duty, operation cycle & rotation, turns, screw runtime)
- Record torque settings pattern
- Real-time monitoring of up to 10 tools at job site
- Collect all fastening data in the assembly process

Wireless Receiver Features:

- Wireless connection with Pro-Assembly tool
- Compatible with plant PLC system
- Collect fastening data in assembly process directly to PLC

RV2054-WR - 20V BRUSHLESS TRANSDUCERIZED PRECISION TOOL

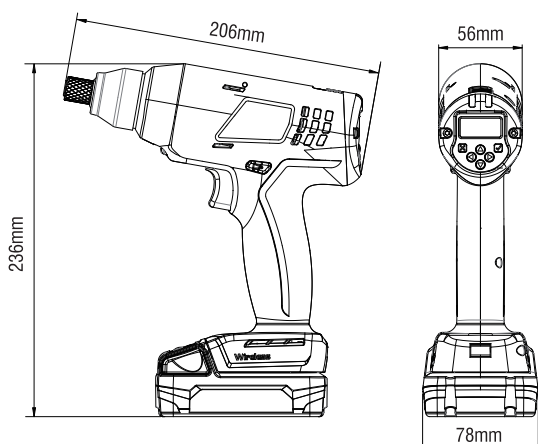
EPS (Electro-Pulse System)

- Reducing average reaction force experienced by the operator **Up to 30%**
- Allowing for one-handed operation in certain situations with less strain placed on the use



RV2054-WR8 / RV2054-WR18

RV2054-3-WR8 / RV2054-3-WR18
RV2054-3-WR24



FEATURES

EPS
**BLDC
MOTOR**
Wireless

- Brushless Motor - Energy saving, higher efficient and longer life-span
- Auto shut-off when torque reaches the set value
- Low maintenance costs due to long service life
- Reduces life-cycle costs due to wear-free components
- Improved ergonomics, lightweight and reaction force with Li-ion compact battery for fatigue-free working
- Battery indicator

SPECIFICATION

Model No.	RV2054-WR8	RV2054-WR18
Voltage	20V	
Drive	1/4" Hex Shank	
Programmable Speed	50-1,200 rpm	50-800 rpm
Torque Range	1-8 Nm	3-18 Nm
Weight (w/o battery pack)	1.00 kg (2.20 lbs)	

Model No.	RV2054-3-WR8	RV2054-3-WR18	RV2054-3-WR24
Voltage	20V		
Drive	3/8" Square		
Programmable Speed	50-1,200 rpm	50-800 rpm	50-600 rpm
Torque Range	1-8 Nm	3-18 Nm	6-24 Nm
Weight (w/o battery pack)	1.00 kg (2.20 lbs)		

RV2054-A - 20V BRUSHLESS TRANSDUCERIZED PRECISION TOOL



EPS (Electro-Pulse System)

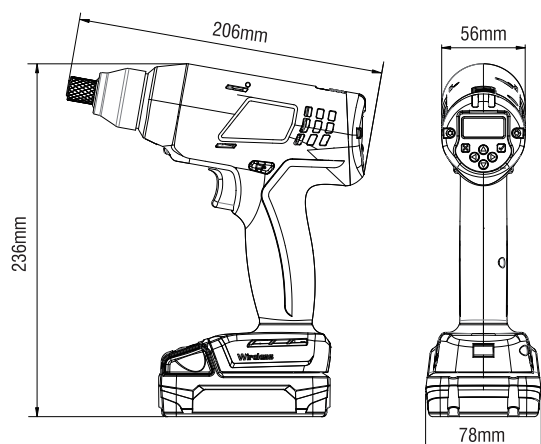
- Reducing average reaction force experienced by the operator **Up to 30%**
- Allowing for one-handed operation in certain situations with less strain placed on the use



RV2054-A8 / RV2054-A18



RV2054-3-A8 / RV2054-3-A18
RV2054-3-A24



FEATURES

EPS

BLDC
MOTOR

WIFI

- Brushless Motor - Energy saving, higher efficient and longer life-span
- Auto shut-off when torque reaches the set value
- Low maintenance costs due to long service life
- Reduces life-cycle costs due to wear-free components
- Improved ergonomics, lightweight and reaction force with Li-ion compact battery for fatigue-free working
- Battery indicator

SPECIFICATION

Model No.	RV2054-A8	RV2054-A18
Voltage	20V	
Drive	1/4" Hex Shank	
Programmable Speed	50-1,200 rpm	50-800 rpm
Torque Range	1-8 Nm	3-18 Nm
Weight (w/o battery pack)	1.00 kg (2.20 lbs)	

Model No.	RV2054-3-A8	RV2054-3-A18	RV2054-3-A24
Voltage	20V		
Drive	3/8" Square		
Programmable Speed	50-1,200 rpm	50-800 rpm	50-600 rpm
Torque Range	1-8 Nm	3-18 Nm	6-24 Nm
Weight (w/o battery pack)	1.00 kg (2.20 lbs)		

RV2053-WR - 20V BRUSHLESS TRANSDUCERIZED ANGLE PRECISION TOOL



FEATURES

- Brushless Motor - Energy saving, higher efficient and longer life-span
- EPS (Electro-Pulse System) Reducing the torque reaction during tightening
- Real-Time feedback by transducer control
- Collect all Fastening data in process
- LED indicator & Buzzer
- Precision & Accuracy
- Battery indicator

EPS

BLDC
-MOTOR-

Wireless

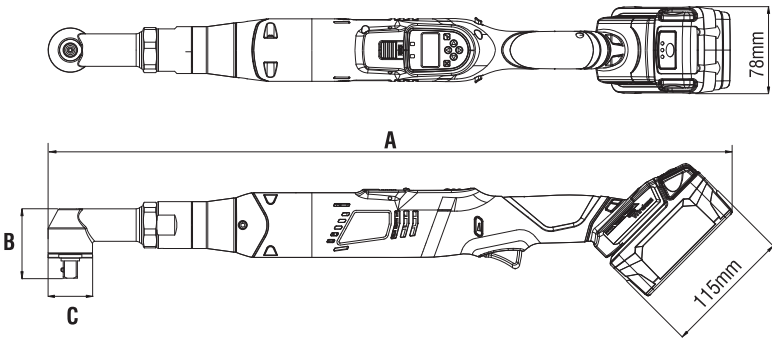


OLED DISPLAY & ONBOARD KEYPAD

Easy for programming tightening parameters

SPECIFICATION

Model Number	RV2053-WR45	RV2053-WR80	RV2053-WR120
Voltage	20V		
Drive	3/8" Square	1/2" Square	
Programmable Speed	20-200 RPM	20-130 RPM	20-100 RPM
Torque Range	8-45 Nm (5.9-33.2 ft-lbs)	12-80 Nm (8.85-59 ft-lbs)	40-120 Nm (29.5-88.5 ft-lbs)
Weight (w/o battery pack)	2,10 kg	2,24 kg	2.24 kg



Model	RV2053-WR45	RV2053-WR80	RV2053-WR120
A	630 mm	609 mm	630 mm
B	62.2 mm	59.8 mm	62.2 mm
C	39.8 mm	42 mm	39.8 mm

RV2053-A - 20V BRUSHLESS TRANSDUCERIZED ANGLE PRECISION TOOL



FEATURES

- Brushless Motor - Energy saving, higher efficient and longer life-span
- EPS (Electro-Pulse System) Reducing the torque reaction during tightening
- Real-Time feedback by transducer control
- Collect all Fastening data in process
- LED indicator & Buzzer
- Precision & Accuracy
- Battery indicator

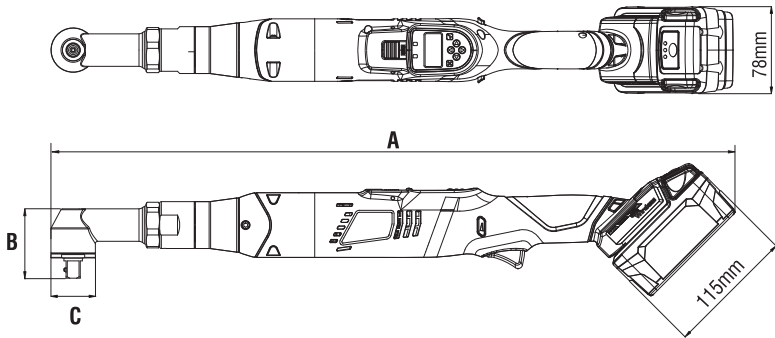


OLED DISPLAY & ONBOARD KEYPAD

Easy for programming tightening parameters

SPECIFICATION

Model Number	RV2053-A45	RV2053-A80	RV2053-A120
Voltage	20V		
Drive	3/8" Square	1/2" Square	
Programmable Speed	20-200 RPM	20-130 RPM	20-100 RPM
Torque Range	8-45 Nm (5.9-33.2 ft-lbs)	12-80 Nm (8.85-59 ft-lbs)	40-120 Nm (29.5-88.5 ft-lbs)
Weight (w/o battery pack)	2,10 kg	2,24 kg	2.24 kg



Model	RV2053-A45	RV2053-A80	RV2053-A120
A	630 mm		
B	62.2 mm		
C	39.8 mm		

RV2070 - 20V BRUSHLESS TORQUE MULTIPLIERS



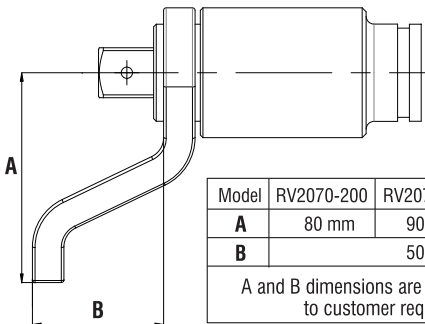
Wireless

FEATURES

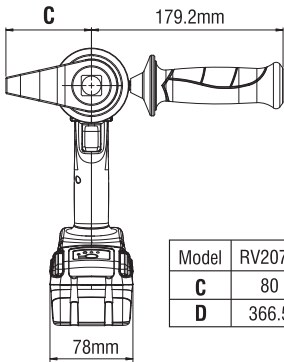
- Integrated gearbox provides premium quality and accuracy
- Multi-function display module with cycle status alert and audible alarm offers instant feedback and easy setup
- 360° adjustable handle, with 6 mm threaded port for eye hooks or other tethering points, provides operator comfort, flexibility and safety options
- Standard or custom reaction arms available
- Optional wireless communication for process control with I/O and data collections.

SPECIFICATION

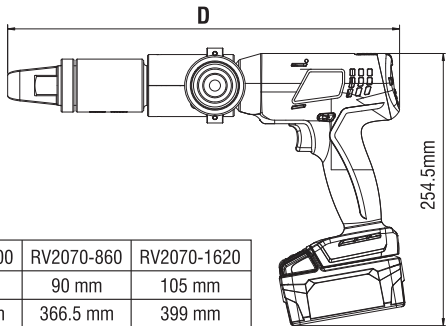
Model Number	RV2070-200	RV2070-860	RV2070-1620
Voltage	20V		
Drive Size	3/4"	3/4"	1"
Torque Range (Nm)	26-208	144-864	270-1,620
Speed (rpm)	46	17	9
Weight (w/o battery pack)	3.15 kg	3.61 kg	5.18 kg



Model	RV2070-200	RV2070-860	RV2070-1620
A	80 mm	90 mm	105 mm
B	50 mm		
A and B dimensions are defined according to customer requirements			



Model	RV2070-200	RV2070-860	RV2070-1620
C	80 mm	90 mm	105 mm
D	366.5 mm	366.5 mm	399 mm





RZ4014 - 40V BRUSHLESS OIL PULSE TOOL



Wireless

FEATURES

- New oil-pulse system boosts heat dissipation and run time.
- Integrated pulse and motor design for faster, quieter, and smoother operation.
- Achieves precise torque with automatic stop.
- Smart press detection to reduce user error.
- Upgraded oil hydraulics lower the risk of leaks and wear.



Tightening Torque Adjustment

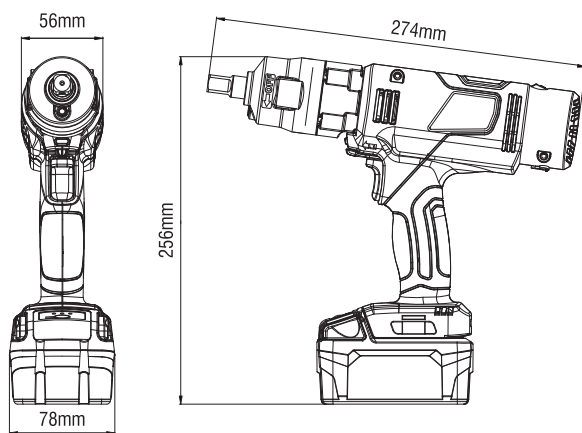


LED Shut-Off Indicator to Confirm OK / NG Joint Status

SPECIFICATION

Model Number	RZ4014-WR90
Voltage	40V
Drive	1/2" Square
Programmable Speed	1,500-6,000 rpm
Torque Range*	55-90 Nm
Weight (w/o battery pack)	1.84 kg

*Max Value at hard joint, under Lab. test environment.



RZ2013 - 20V BRUSHLESS OIL PULSE TOOL



Wireless

FEATURES

- New oil-pulse system boosts heat dissipation and run time.
- Integrated pulse and motor design for faster, quieter, and smoother operation.
- Achieves precise torque with automatic stop.
- Smart press detection to reduce user error.
- Upgraded oil hydraulics lower the risk of leaks and wear.



TORQUE RANGE
12-30
Nm

RZ2013-D-WR30

TORQUE RANGE
15-40
Nm

RZ2013-3-WR40

TORQUE RANGE
35-50
Nm

RZ2013-3-WR50



Tightening Torque Adjustment

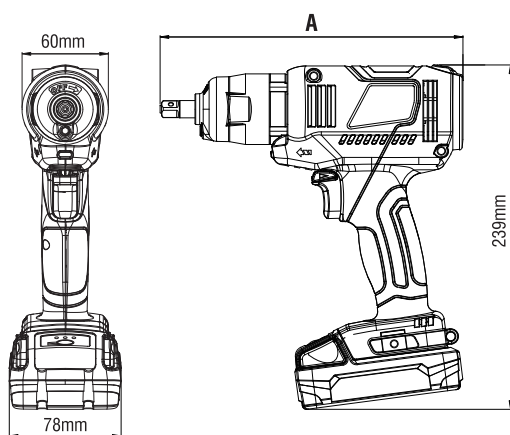


LED Shut-Off Indicator to Confirm OK / NG Joint Status

SPECIFICATION

Model Number	RZ2013-D-WR30	RZ2013-3-WR40	RZ2013-3-WR50
Voltage	20V		
Drive	1/4" Hex Shank	3/8" Square	3/8" Square
Programmable Speed	1,500-6,000 rpm		
Torque Range*	12-30 Nm	15-40 Nm	35-50 Nm
Weight (w/o battery pack)	1.25 kg	1.20 kg	1.38 kg

*Max Value at hard joint, under Lab. test environment.



Model	RZ2013-D-WR30	RZ2013-3-WR40	RZ2013-3-WR50
A	190 mm	192 mm	210 mm

RI2046-A12 - 20V BRUSHLESS PRECISION TOOL



FEATURES

- Light-weight & ergonomic design makes long periods of use possible
- Mid-mounted handle: Ideal for screw connections of up to 12 Nm
- 3 multi-step programming to achieve desired application in one trigger
- Auto shut-off when torque reaches the set value
- Low maintenance costs due to long service life
- Reduces life-cycle costs due to wear-free components



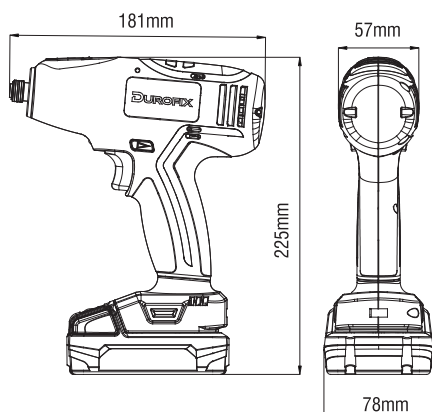
LED SHUT-OFF INDICATOR

to Confirm OK
/ NG Joint Status



SPECIFICATION

Model Number	RV2046-A12
Voltage	20V
Drive	1/4" Hex Shank
Programmable Speed	100-1,000 rpm
Torque Range	3-12 Nm
Weight (w/o battery pack)	0.96 kg (2.11 lbs)



RV1250-A - 12V BRUSHLESS PRECISION TOOL



FEATURES

- Suitable for small size M3.5-M5 screw tightening in space-limited work station where cables and air hoses restrict tool maneuverability for such assembly processes of following products:
- High mobility by lightweight ergonomic design for easy carrying and operation.
- High precision guarantee: Torque deviation $\pm 3\%$
- Highly flexibility of tightening strategy setting.



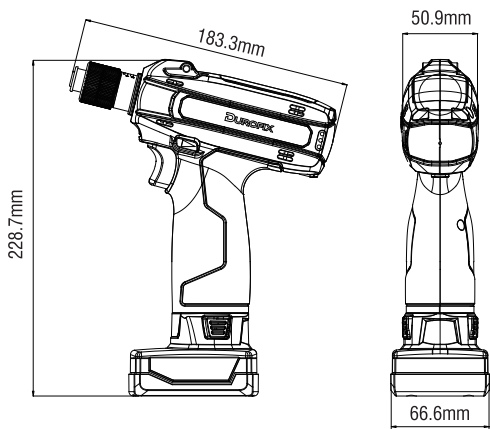
Motorcycles



Small Automotive Interiors

SPECIFICATION

Model No.	RV1250-2A	RV1250-4A
Voltage	12V	
Drive	1/4" Hex Shank	
Programmable Speed	1,000 rpm	1,000 rpm
Torque Range	0.5-2 Nm	1.0-3.5 Nm
Weight (w/o battery pack)	0.70 kg (1.54 lbs)	



PRECISION TOOL

PRECISE FASTENING FROM THE FIRST SCREW... TO THE LAST

LIGHT-WEIGHT & ERGONOMIC DESIGN

Allows extended use periods and increases mobility

PRECISION SHUT-OFF CLUTCH



Adjustable High Precision Shut-Off Clutch



LED Indicator & Buzzer to Confirm Shut-Off OK / NG Joint Status.



Color Rings for Quick Identification of Torque Range



RV2048 - 20V BRUSHLESS PRECISION TOOL



RV2048-WR6



RV2048-WR12



RV2048-WR2



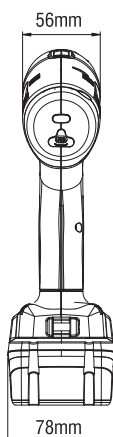
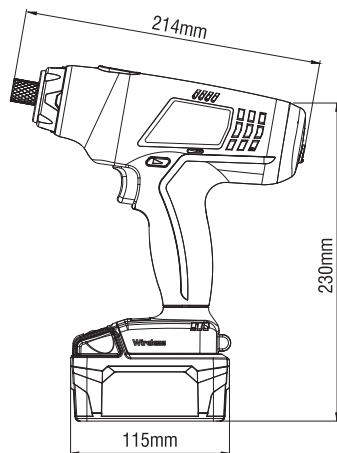
Wireless

FEATURES

- Brushless Motor - Energy saving, higher efficient and longer life-span
- Auto shut-off when torque reaches the set value • Battery indicator
- Low maintenance costs due to long service life
- Reduces life-cycle costs due to wear-free components
- Improved ergonomics, lightweight and reaction force with Li-ion compact battery for fatigue-free working

SPECIFICATION

Model Number	RV2048-WR12	RV2048-WR6	RV2048-WR2
Voltage	20 V		
Drive	1/4" Hex Shank		
Torque Range	3-12 Nm (2.2-8.9 ft-lbs)	1-6 Nm (0.7-4.4 ft-lbs)	0.5-2 Nm (0.37-1.5 ft-lbs)
Programmable Speed	700-1,000 rpm	700-1,000 rpm	700-1,000 rpm
Weight (w/o battery pack)	1.05 kg (2.31 lbs)		



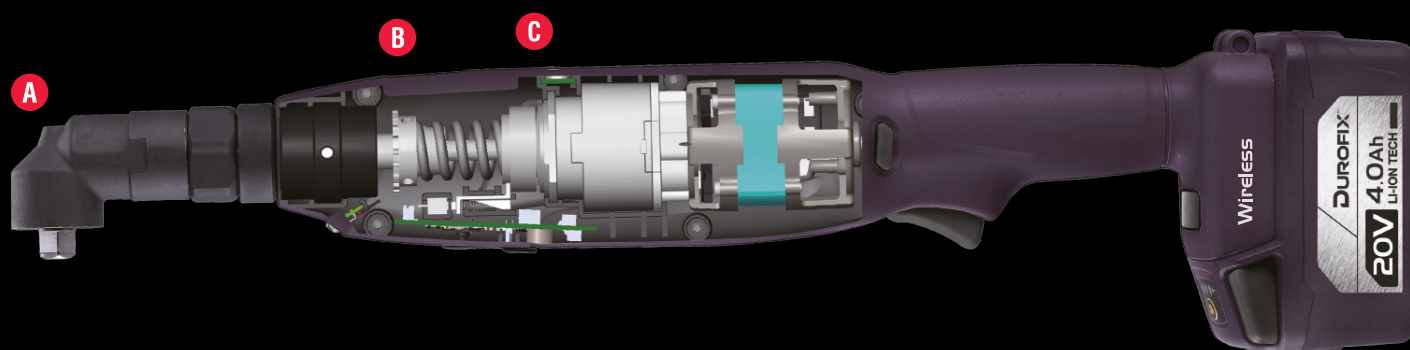
ANGLE PRECISION TOOL

POWERFUL FASTENING SOLUTION IN NARROW SPACES

CONSTANT & PRECISE TIGHTENING TORQUE

The torque can be precisely set over large range
and retrieved with repeat accuracy

PRECISION SHUT-OFF CLUTCH



All Metal Angle Head



Adjustable High
Precision Shut-Off Clutch



LED Indicator & Buzzer to Confirm Shut-Off
OK / NG Joint Status.

RV2047 - 20V BRUSHLESS ANGLE PRECISION TOOL



Wireless

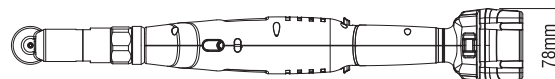
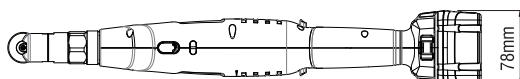
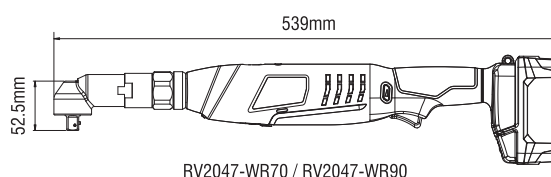
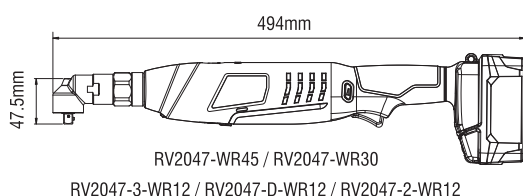
FEATURES

- Brushless Motor - Energy saving, higher efficient and longer life-span
- Auto shut-off when torque reaches the set value • Battery indicator
- Low maintenance costs due to long service life
- Reduces life-cycle costs due to wear-free components
- Improved ergonomics, lightweight and reaction force with Li-ion compact battery for fatigue-free working

SPECIFICATION

Model Number	RV2047-3-WR12	RV2047-D-WR12	RV2047-2-WR12
Voltage	20V		
Drive	3/8" Square	1/4" Hex Shank	1/4" Square
Torque Range (Nm)	3-12 Nm (2.2-8.8 ft-lbs)	3-12 Nm (2.2-8.8 ft-lbs)	3-12 Nm (2.2-8.8 ft-lbs)
Programmable Speed	840-1200 RPM	840-1200 RPM	840-1200 RPM
Weight (w/o battery pack)	1.60 kg (3.52 lbs)	1.60 kg (3.52 lbs)	1.60 kg (3.52 lbs)

Model Number	RV2047-WR30	RV2047-WR45	RV2047-WR70	RV2047-WR90
Voltage	20V			
Drive	3/8" Square	3/8" Square	1/2" Square	1/2" Square
Torque Range (Nm)	8-30 Nm (5.9-22.13 ft-lbs)	18-45 Nm (13.3-33.2 ft-lbs)	20-70 Nm (14.75-51.63 ft-lbs)	40-90 Nm (29.5-66.4 ft-lbs)
Programmable Speed	210-300 RPM	210-300 RPM	160 RPM	100 RPM
Weight (w/o battery pack)	1.70 kg (3.74 lbs)	1.70 kg (3.74 lbs)	2.10 kg (4.62lbs)	2.10 kg (4.62lbs)



RV2017 / RV2027 - 20V TUBE NUT WRENCH



Wireless

FEATURES

- Brushless Motor - Energy saving, higher efficient and longer life-span
- Auto shut-off when torque reaches the set value
- Low maintenance costs due to long service life
- Reduces life-cycle costs due to wear-free components
- Improved ergonomics, lightweight and reaction force with Li-ion compact battery for fatigue-free working
- Battery indicator



**RV2017
Standard Type**



RV2017-WR12



RV2017-WR20



RV2017-WR27



**RV2027
Insert Type**



RV2027-WR12



RV2027-WR20



RV2027-WR27

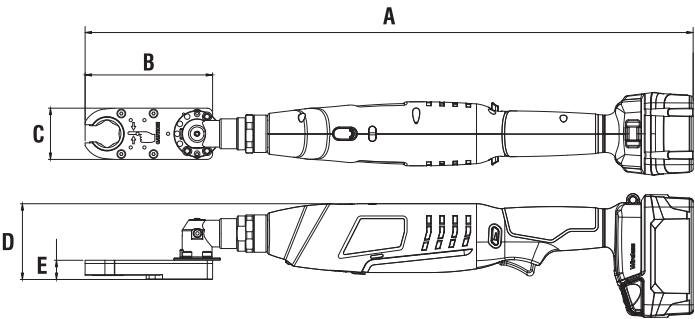
RV2017 / RV2027 - 20V TUBE NUT WRENCH



SPECIFICATION

Standard Type	Hex Size (mm)	Torque Range	RPM	Weight
RV2017-WR12 series	7,8,9,10,11,12,13,14,15,16	3-12 Nm	525-750	2.65 kg
RV2017-WR20 series	17,18,19,20,21,22,23, 11/16"	6-20 Nm	350-500	2.79 kg
RV2017-WR27 series	24,26,27,29,30,32	8-27 Nm	262-375	3.02 kg

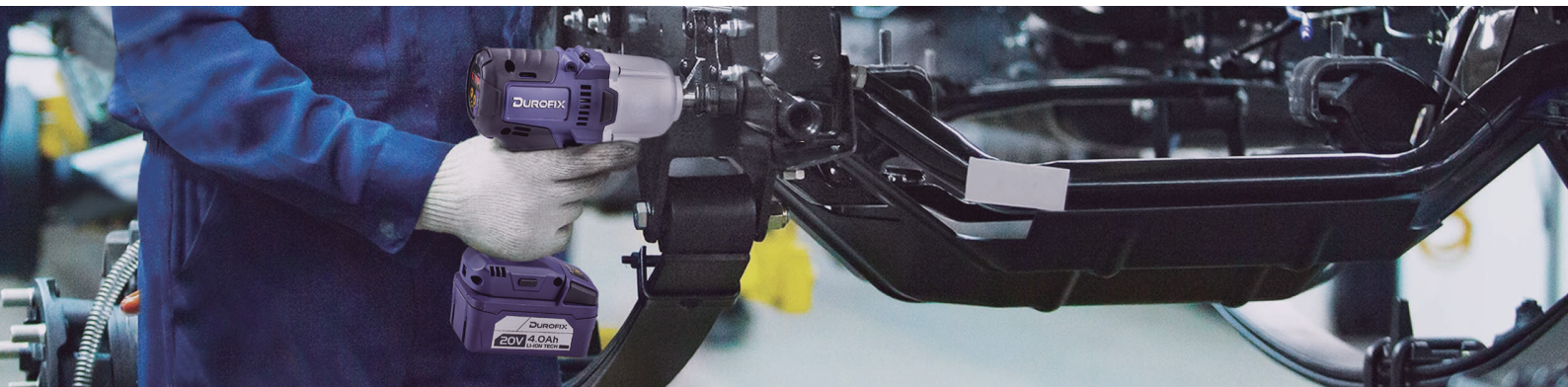
Insert Type	Hex Size (mm)	Torque Range	RPM	Weight
RV2027-WR12 series	7,8,9,10,11	3-12 Nm	525-750	2.65 kg
RV2027-WR20 series	12,13,14,15,16	6-20 Nm	350-500	2.79 kg
RV2027-WR27 series	17,18,19,20,21,22	8-27 Nm	262-375	3.02 kg



Model	RV2017-WR20	RV2027-WR20
A	569 mm	569 mm
B	119 mm	119 mm
C	48 mm	48 mm
D	71 mm	71 mm
E	18 mm	18 mm

*Please contact us for more detailed dimensions.

RI20130 - 20V BRUSHLESS MECHANICAL PULSE TOOL



FEATURES

- 280 auto shut-off selection.
- 40 stages torque setting: 80-400 Nm
- 7 flush levels for variable joints
- Advance program capable
- Soft start-keep smooth operation from the very beginning
- Re-tightening prevention-avoid double hits after setting torque reached

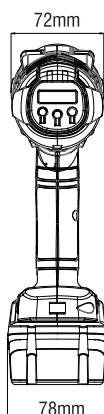
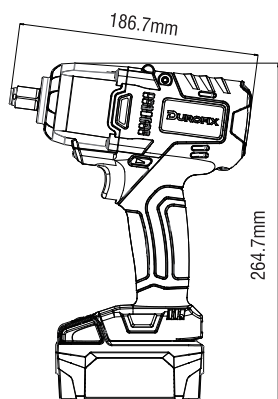


CONCISE USER INTERFACE

- LED indicator & buzzer
- LED display

SPECIFICATION

Model Number	RI20130
Voltage	20 Vdc
Drive	1/2" Square
Torque setting range	80-400 Nm (60-295 ft-lbs)
Fastener Size	M12-M20
No Load Speed	0-2,500 RPM
Impacts per Minute	0-3,200 IPM
Weight (w/o battery pack)	1.54 kg (3.38 lbs)



RI2036 - 20V BRUSHLESS ETC JUMBO IMPACT WRENCH



FEATURES

- Patented Electronic Torque Clutch (ETC).
- Loosen tire lug nuts with 1,100 Nm reverse torque to conquer greasiness, rust, dirt & over-torque by air impact tools.
- Durable metal gearbox housing
- Battery indicator
- Built-in LED light

SPECIFICATION

Model Number	RI2036A1	RI2036A2	RI2036A3	RI2036A4
Voltage	20 Vdc			
Drive	1/2" Square			
Max. Reverse Torque	1,100 Nm (810 ft-lbs)			1,350 Nm (1,000 ft-lbs)
Max. Tightening Torque	800 Nm (590 ft-lbs) Non Shut-Off			1,000 Nm (740 ft-lbs) Non-shutoff
Torque Setting Range	80-480 Nm (60-355 ft-lbs) Auto Shut-Off	100-700 Nm (73-515 ft-lbs) Auto Shut-Off	60-600 Nm (44-443 ft-lbs) Auto Shut-Off	60-800 Nm (44-592 ft-lbs) Auto-shutoff
No Load Speed	0-2,200 RPM			0-1,750 RPM
Impacts per Minute	0-2,000 IPM			0-2,000 IPM
Weight (w/o battery pack)	2.60 kg (5.72 lbs)			



1-6 SETTING
AUTO SHUT-OFF

RI2036A1

1-7 SETTING
AUTO SHUT-OFF

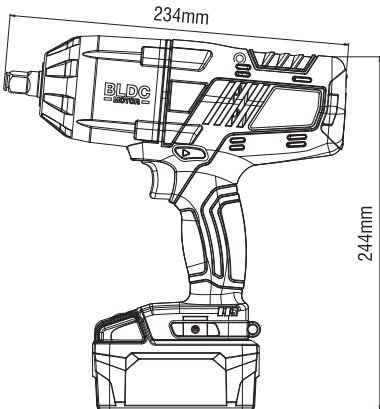
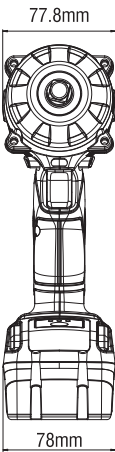
RI2036A2

1-28 SETTING
AUTO SHUT-OFF

RI2036A3

1-38 SETTING
AUTO SHUT-OFF

RI2036A4



RI20126 - 20V BRUSHLESS ETC IMPACT WRENCH



FEATURES

- 1/2" Square drive, 50-stage Pre-set Torque
- Electronic Torque Control & Auto shut-off
- LED & Buzzer indicator confirms joint status for OK (green) or NG (red)
- Display showing torque stage & error message
- Max. 375 Nm reverse torque
- P20 battery platform with LED battery level indicator



LED INDICATOR & BUZZER

Confirm Shut-Off OK / NG Joint Status.

LCD DISPLAY

Indicates torque stage & error message.

SPECIFICATION

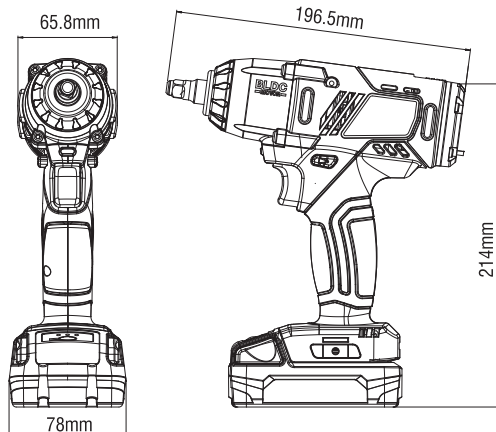
Model Number	RI20126	RI20126R	RI20126A1	RI20126R1
Voltage	20 Vdc			
Drive	1/2" Square			
Max. Reverse Torque	375 Nm (277 ft-lbs)			
Max. Torque	250 Nm (185 ft-lbs)			
Torque Setting Range	30-180 Nm (22.1-132.8 ft-lbs)	30-180 Nm (22.1-132.8 ft-lbs)	10-100 Nm (7.38-73.8 ft-lbs)	10-100 Nm (7.38-73.8 ft-lbs)
Auto Shut-Off Stage	50 stage Fwd.	50 stage Fwd. / Rev.	50 stage Fwd.	50 stage Fwd. / Rev.
Application	M10-M16	M10-M16	M8-M10	M8-M10
No Load Speed	0-2,600 RPM			
Impacts per Minute	0-3,000 IPM			
Weight (w/o battery pack)	1.25 kg (2.75 lbs)			



RI20126
RI20126R



RI20126A1
RI20126R1



RI20125 - 20V BRUSHLESS ETC IMPACT DRIVER


BLDC
— MOTOR —

FEATURES

- 1/4" Hex Shank, 50-stage Pre-set Torque
- Electronic Torque Control & Auto shut-off
- LED & Buzzer indicator confirms joint status for OK (green) or NG (red)
- Display showing torque stage & error message
- 130 Nm Max. torque
- P20 battery platform with LED battery level indicator



LED INDICATOR & BUZZER

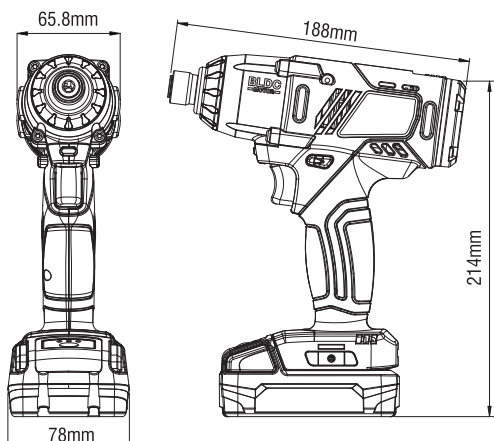
Confirm Shut-Off OK / NG Joint Status.

LCD DISPLAY

Indicates torque stage & error message.

SPECIFICATION

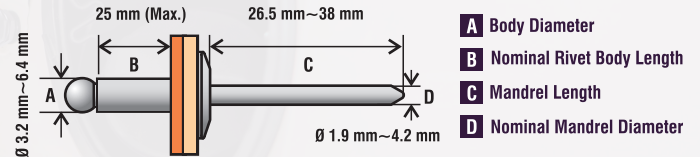
Model Number	RI20125
Voltage	20 Vdc
Drive	1/4" Hex Shank
Max. Torque	130 Nm (96 ft-lbs)
Torque setting range	20-100 Nm (14.8-73.8 ft-lbs)
No Load Speed	0-2,600 RPM
Impacts per Minute	0-3,000 IPM
Weight (w/o battery pack)	1.25 kg (2.75 lbs)



RV20108 - 20V BRUSHLESS RIVETING TOOL



SIZE OF OPEN BLIND RIVET



FEATURES



- Good for up to 1/4" (6.4 mm) stainless steel rivets
- One-touch trigger & auto-reverse function
- Integrated mandrel collection container (patented)
- Holding mechanism for rivet
- Battery indicator

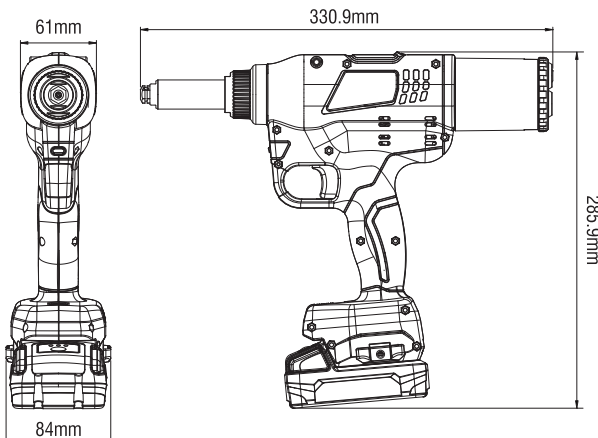
INTEGRATED MANDREL COLLECTION CONTAINER (PATENTED)



- A** Collecting up to 600 rivet mandrels
- B** Patented container integrated with holding and changing nozzle

SPECIFICATION

Model Number	RV20108
Voltage	20 Vdc
Blind Rivet Size	3.2 / 4.0 / 4.8 / 6.4 mm
Max. Setting Force	4,500 lbf (20,000 N)
Stroke	25 mm
Tool Weight	2.30 kg (5.06 lbs)



DIGITAL TORQUE & ANGLE CONTROL SCREWDRIVER

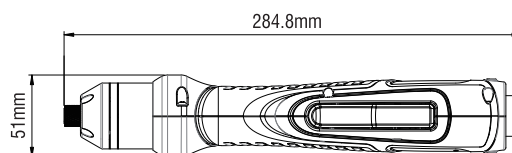
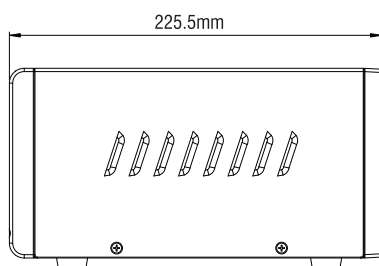
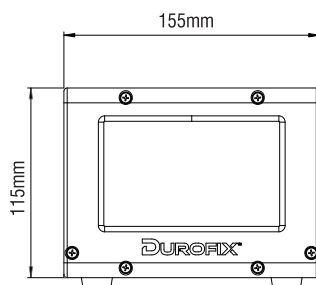
FEATURES

- 5" LCD touch screen
- RS232C and Wi-Fi 6 Connection to PC & PLC (Modbus)
- 8,000 memory and available slot for memory expansion
- Transducerized tool for 10% accuracy & 3% repeatability
- Real time graphing for fastening analysis
- 15 presets & 15 jobs setting
- TC/AM or AC/TM mode for torque and angle control
- ESD safe tool prevents electrostatic discharge
- Statistic data analysis on PC software



DR102

MV4082-7 / MV4082-2



SPECIFICATION



Model Number	MV4082-7	MV4082-2
Input Voltage	DC40V	
Torque Range	1-7 Nm / 10-71 kgf-cm / 8.9-62 in-lbs	0.3-2 Nm / 3.06-20.39 kgf-cm / 2.66-17.70 in-lbs
Programmable Speed	50-670 rpm	25-1,800 rpm
Weight	0.77 kg (1.69 lbs)	



Wireless

COMMUNICATION PORT

- RS232 (Scanner gun)
- 16P I/O (PLC)
- USB (Download / Read data, update software)
- Ethernet



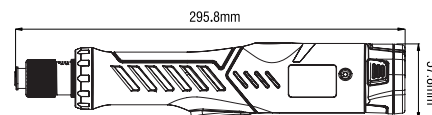
Model Number	DR102	Output Current (max.)	15 A
Input Voltage	AC 100V~240V	Output Power (max.)	600 W
Input Frequency	50-60 Hz	Weight	3.30 kg
Output Voltage	DC 40V		

RV1251 - 12V BRUSHLESS PRECISION TOOL

FEATURES



- Suitable for small size M3.5-M5 screw tightening in space-limited work station where cables and air hoses restrict tool maneuverability for such assembly processes of following products:
- High mobility by lightweight ergonomic design for easy carrying and operation.
- High precision guarantee: Torque deviation $\pm 3\%$
- Highly flexibility of tightening strategy setting.



SPECIFICATION

Model No.	RV1251-2	RV1251-4	RV1251-A2	RV1251-A4
Voltage	12V			
Drive	1/4" Hex Shank			
Programmable Speed	900 rpm			
Torque Range	0.5-2 Nm	1.0-3.5 Nm	0.5-2 Nm	1.0-3.5 Nm
Weight (w/o battery pack)	0.70 kg (1.54 lbs)			



General White Goods



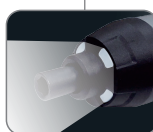
Electronic Equipment

RV456 - 4V SCREWDRIVER

Perfect for daily repairs and installation

One-Touch Switch

Quick and easy direction changes



LED Light

Convenient illumination of fastening spot

3-Speed adjustment

SPECIFICATION

Model No.	RV456
Voltage	4V
Drive	1/4" Hex Shank
Type of battery	Li-ion
Sound pressure level Lpa(dB(A))	57.45
Vibration value ah (m/s ²)	0.3
Max. Torque	5 Nm (44 in-lbs)
No Load Speed	0-300 rpm
Weight (w/o battery pack)	0.29 kg (0.64 lbs)



Clear Storage Case

Keep your tools organized and ready to go



30-Piece Bit Set

Swap bits effortlessly for any task

RV450 - 4V BRUSHLESS FOLDABLE SCREWDRIVER



SPECIFICATION

Model No.	RV450	RV439
Voltage	4V	
Drive	1/4" Hex Shank	
Max. Torque	6.8 Nm (60 in-lbs)	5.6 Nm (50 in-lbs)
No Load Speed	250 / 870 rpm	190 / 650 rpm
Weight (w/o battery pack)	0.44 kg (0.97 lbs)	



12V BATTERY PACKS



2.0 Ah B1225LA
2.5 Ah B1225LB



4.0 Ah B1225LA-2
5.0 Ah B1225LB-2

12V CHARGERS

*xx: Country or Region



DC12XX07-C15
*



DC12XX07-40
*

20V BATTERY PACKS



B2036LB-2



B2036LA-2



B2036LB



B2036LA

PROTECTOR FOR BATTERY PACKS



DP014
Applicable Battery:
B2036LB / B2036LA



DP015
Applicable Battery:
B2036LB-2 / B2036LA-2

20V UNIVERSAL CHARGERS

DC20UN26-C60



Weight: 570g

- Active Voltage Control
- Battery Thermal Protection System
- Fast Charging Time

DC20US28-C30



Weight: 490g

I/O RECEIVER



DR002
1 to 10 Communication
Compatible with PC & PLC



DR001
1 to 1 Communication
Compatible with PC & PLC

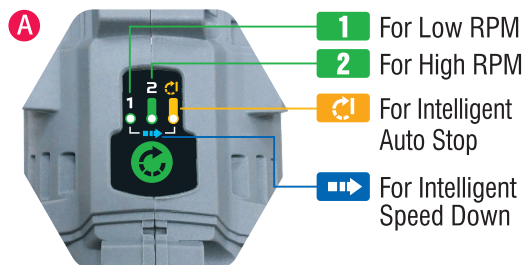


RI1218-IMPACT DRIVER

1/4" HEX IMPACT DRIVER

The impact driver
delivers an industry
LEADING 170 NM
of tighten torque

4 MODE INTELLIGENT DRIVE CONTROL



RPM	1	2
	0-1,500	0-3,600
	0-3,600	0-2,000



B At only
127 MM
in length



**BATTERY
INDICATOR**
Battery capacity display

D **INCORPORATED
SUPER BRIGHT LED**
Convenient illumination of work area



Model Number	RI12185	Max. Torque	170 Nm (125 ft-lbs)
Voltage	12 Vdc	Impacts per Minute	0-4,500 IPM
Drive	1/4 Hex Shank	Tool Weight	0.93 kg (2.04 lbs)

RI12184 - Li-ion 12V BRUSHLESS Impact Wrench



TORQUE CONTROL	178 / 115 / 63 ft-lbs
3-Mode	
Auto Shut-off	240 / 155 / 85 Nm

FEATURES

- The impact wrench delivers an industry leading **540 Nm** of reverse torque.
- Auto-Shut-Off Mode in **Modes 1-3 setting** prevents over-fastening of bolts while doing reassembly work.
- **4-Mode Drive Control** provides you with unmatched control in various fastening applications.
- Compact and ergonomic design at only **132mm** long

SPECIFICATION

Model Number	RI12184-3	RI12184
Voltage	12 Vdc	
Drive	3/8" Square	1/2" Square
Max. Reverse Torque	480 Nm (354 ft-lbs)	540 Nm (400 ft-lbs)
Max. Torque	300 Nm (220 ft-lbs)	340 Nm (250 ft-lbs)
Torque Control	3-Mode Auto Shut-off	
No Load Speed	0-2,800 RPM	
Impacts per Minute	0-3,200 IPM	
Tool Weight	1.48 kg (3.26 lbs)	

RI12183 - Li-ion 12V BRUSHLESS Impact Driver



FEATURES

- The impact wrench delivers an industry leading **220 Nm** of Max. torque.
- Auto-Shut-Off Mode in **Modes 1-4 setting** prevents over-fastening of bolts while doing reassembly work.
- **4-Mode Drive Control** provides you with unmatched control in various fastening applications.
- Compact and ergonomic design at only **132mm** long

SPECIFICATION

Model Number	RI12183
Voltage	12 Vdc
Drive	1/4 Hex Shank
Max. Torque	220 Nm (163 ft-lbs)
Torque Control	4-Mode Driver Control
No Load Speed	0-3,600 RPM
Impacts per Minute	0-3,200 IPM
Tool Weight	1.46 kg (3.21 lbs)

INDUSTRIAL BIT

M-B43 DOUBLE END BIT (MAGNETIZED)

- If one end breaks, the other end can be used.
- For assembly work focusing on workability.



Size Tip x Overall Length (mm)	Heat treatment Classification	Inner Ctn.	Outer Ctn.
Φ 2 x 75	H	10	100
100	H	10	100
150	H	10	100

One point

Bit selection I

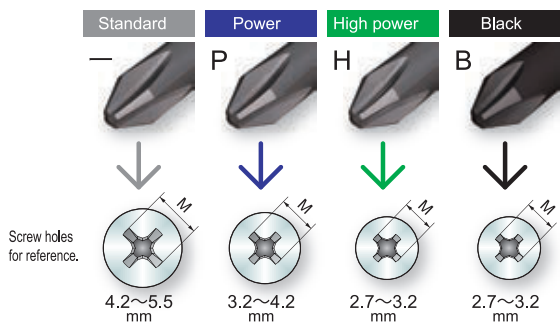
- Selecting Phillips tip suitable for screw head hole

High power : H

Black: B

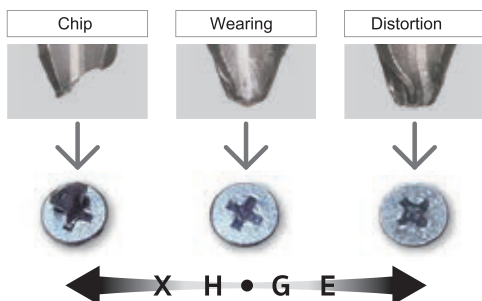
Power: P

Standard



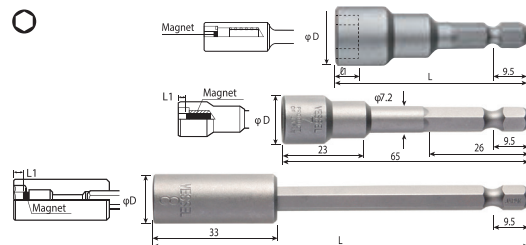
* M dimension : the size of a cross recess on a screw head viewed from directly above

- Selecting Phillips tip according to hardness classification



MB45/13**M SOCKET BIT (PRESS-FIT MAGNET)

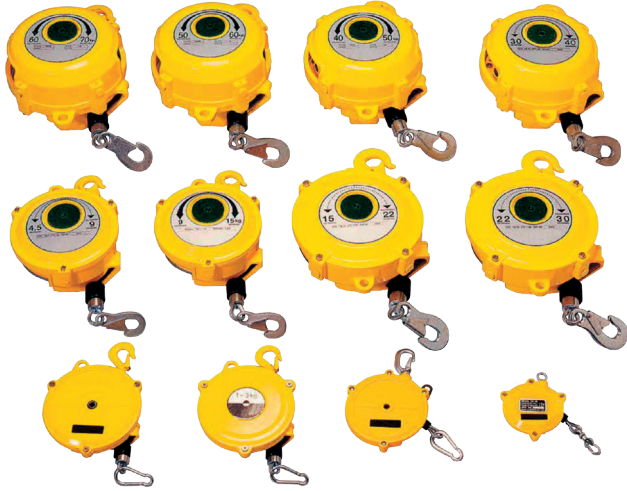
- Socket bit for Hex screws.
- Holds the screw with a strong magnet, to prevent the screws from dropping



Model No.	A/F	øD	L1	OAL	Inner Ctn.
	(mm)				
1305/50M	5	8.5	3.5	50	10
1305/75M	5	8.5	3.5	75	10
1305/100M	5	8.5	3.5	100	10
1305/150M	5	8.5	3.5	150	10
1355/50M	5.5	9	3.5	50	10
1355/75M	5.5	9	3.5	75	10
1355/100M	5.5	9	3.5	100	10
1355/150M	5.5	9	3.5	150	10
1306/50M	6	10	4	50	10
1306/75M	6	10	4	75	10
1306/100M	6	10	4	100	10
1306/150M	6	10	4	150	10
1307/50M	7	13	4.5	50	10
1307/75M	7	13	4.5	75	10
1307/100M	7	13	4.5	100	10
1307/150M	7	13	5	150	10
1308/50M	8	13	5	50	10
1309/50M	9	14	5.5	50	10
1309/75M	9	14	5.5	75	10
1309/100M	9	14	5.5	100	10
1310/50M	10	16	6.5	50	10
1311/50M	11	17	7	50	10
1311/75M	11	17	7	75	10
1311/100M	11	17	7	100	10
1312/50M	12	19	7.5	50	10
1313/50M	13	19	8	50	10
1313/75M	13	19	8	75	10
1313/100M	13	19	8	100	10
1313/150M	13	19	8	150	10
1314/50M	14	20	8	50	10
1314/75M	14	20	8	75	10
1314/100M	14	20	8	100	10

**Adopts a patented axial press-fit shank technique

SPRING BALANCER SERIES



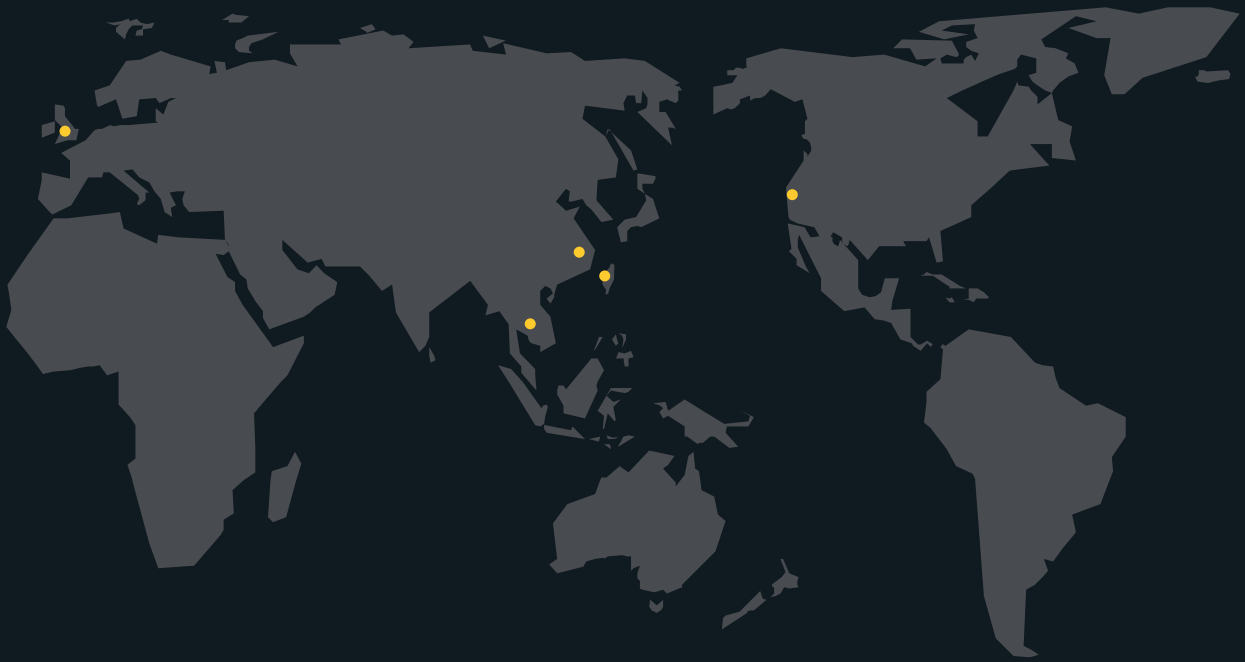
FEATURES

- Reduces operator fatigue and improves work efficiency by balancing the weight of tools.
- Saves workspace, protects tools from damage, and enhances workplace safety.
- Load capacity: 0.5–70 kg
- Maximum cable stroke: 1.5 m

SPECIFICATION

Model	Capacity (kg)	Stroke (m)	Weight (kg)
TW-00	0.5 - 1.5	0.5	0.2
TW-0	0.5 - 1.5	1.0	0.5
TW-1R	0.5 - 1.5	1.5	0.3
TW-3	1.0 - 3.0	1.3	1.4
TW-5	2.5 - 5.0	1.3	1.5
TW-9	4.5 - 9.0	1.3	3.4
TW-15	9.0 - 15.0	1.3	3.8
TW-22	15.0 - 22.0	1.5	7.2
TW-30	22.0 - 30.0	1.5	7.6
TW-40	30.0 - 40.0	1.5	9.8
TW-50	40.0 - 50.0	1.5	10.4
TW-60	50.0 - 60.0	1.5	11.6
TW-70	60.0 - 70.0	1.5	11.8

DUROFIX™



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