ROTAKE®

Tools change the world.

2026 Product Catalogue

Industrial Smart Cordless Tools

sira® S.p.A.

FASTENING SPECIALISTS

ROTAKE®

Group Headquarter

ROTAKE GROUP CO., LTD	Changsha, China

Manufacturing Center

ROTAKE MACHINERY (JIAXING) CO., LTD	Tongxiang, China
ROTAKE MACHINERY(VIETNAM) CO., LTD	HCM, Vietnam

VISION

To become a world-class innovative tools company

MISSION

Tools change the world

VALUE

Innovation, Responsibility, Sincerity, Altruism

GROUP INFORMATION

Dedicated to the R&D of professional smart cordless tools, ROTAKE is the world's leading manufacturer of smart impact wrenches and China's leading manufacturer of new-generation smart cordless tools.

It focuses on smart impact wrenches for professional use, boasts strategic partners and sales and service networks in 87 countries and regions, and emerges as a well-known brand in the tool industry with global influence.

The new generation of cordless impact drivers, ratchet wrenches, impact drills, grinders and hammers, are widely used in a variety of fields such as automobile and equipment repair and maintenance, workshop production, road and bridge construction, building and construction, home furnishing and so on.

Founded in 2010, ROTAKE has its global operation and R&D headquarter in Changsha and invested $15 million to build a 30,000m² manufacturing center in Tongxiang, Zhejiang Province.

ROTAKE adheres to the innovation-driven development strategy to produce premium products using cutting-edge technology. Here, R&D teams work in world-class laboratories, together with the sales team, strive to provide high-performance products and localized professional services for customers around the world.

ROTAKE has been awarded Top Ten Influential Brands in China's Automotive Repair and Maintenance Industry and Top Ten Maintenance Tool Brands and rated as a National High-Tech Enterprise.

In keeping with its mission—Tools change the world, ROTAKE is devoted to becoming a world-class innovative tools company.



BRAND HISTORY

2010 A 50 m² start-up set up in Hangzhou

2011 Invested and built own factory in Hangzhou

2012 Partnered with America's leading retailer of quality tools

2013 Awarded the honor of Top Ten Influential Brands in China's Automotive Repair and Maintenance Industry and Top Ten Maintenance Tool Brands

2014 Opened Changsha Branch

2016 Became the leading exporter of air impact wrenches in China, with products exporting to over 50 countries

2017 Initiated long-term cooperation with global market leader in auto maintenance industry as well as famous tool brand in Europe

2018 Launched strategic cooperation with Russian leading brands of auto maintenance and tools

2019 Invested $15 million to build a new manufacturing center - Rotake Machinery (Jiaxing) Co., Ltd in Tongxiang, Zhejiang

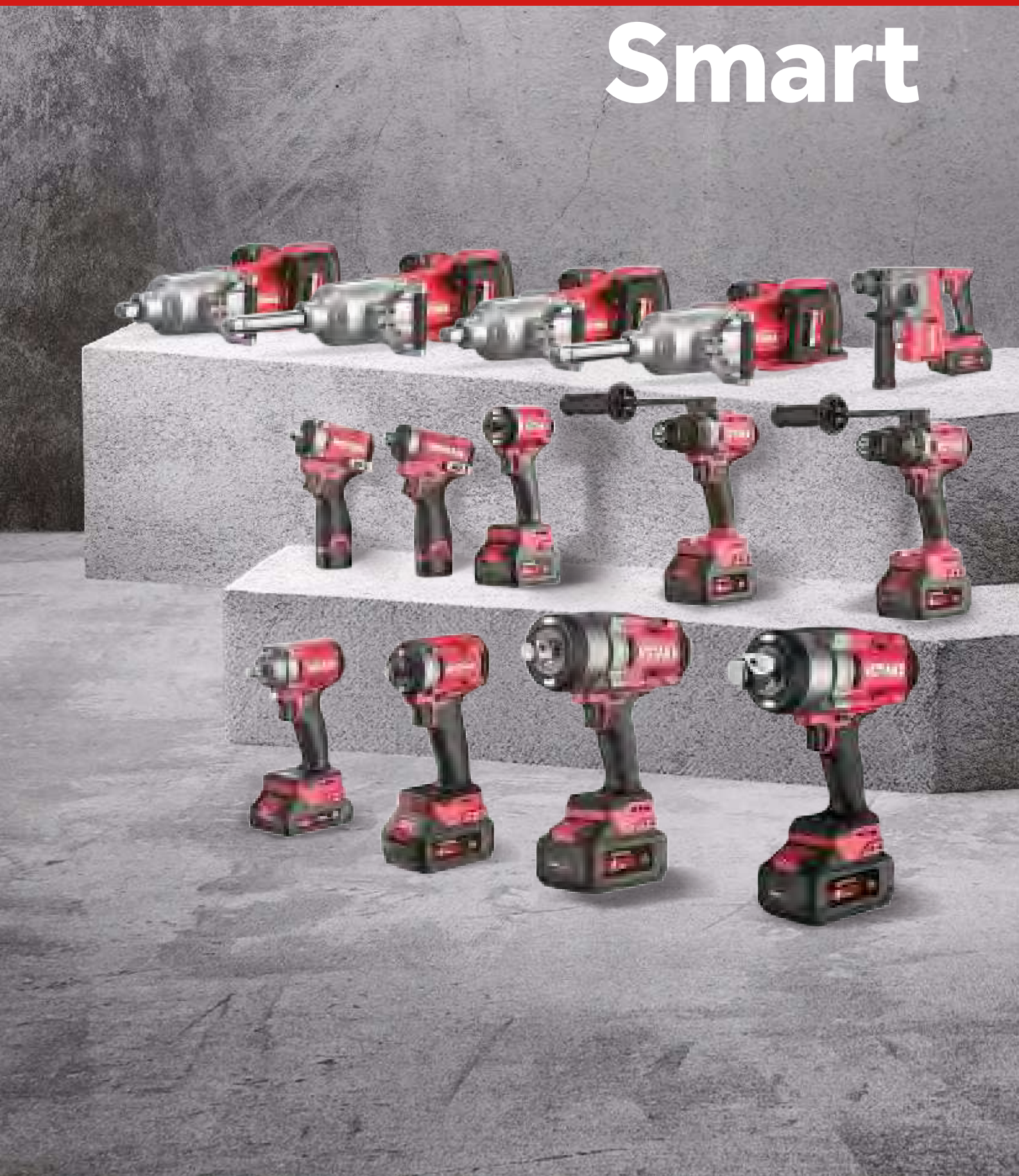
2020 Put forward the "innovation-driven" development strategy and prioritized the growth of new-generation smart cordless tools

2022 Earned the title of National High-tech Enterprise

2023 Established Changsha branch as our global headquarter for operations and R&D to globalize business, services and talents

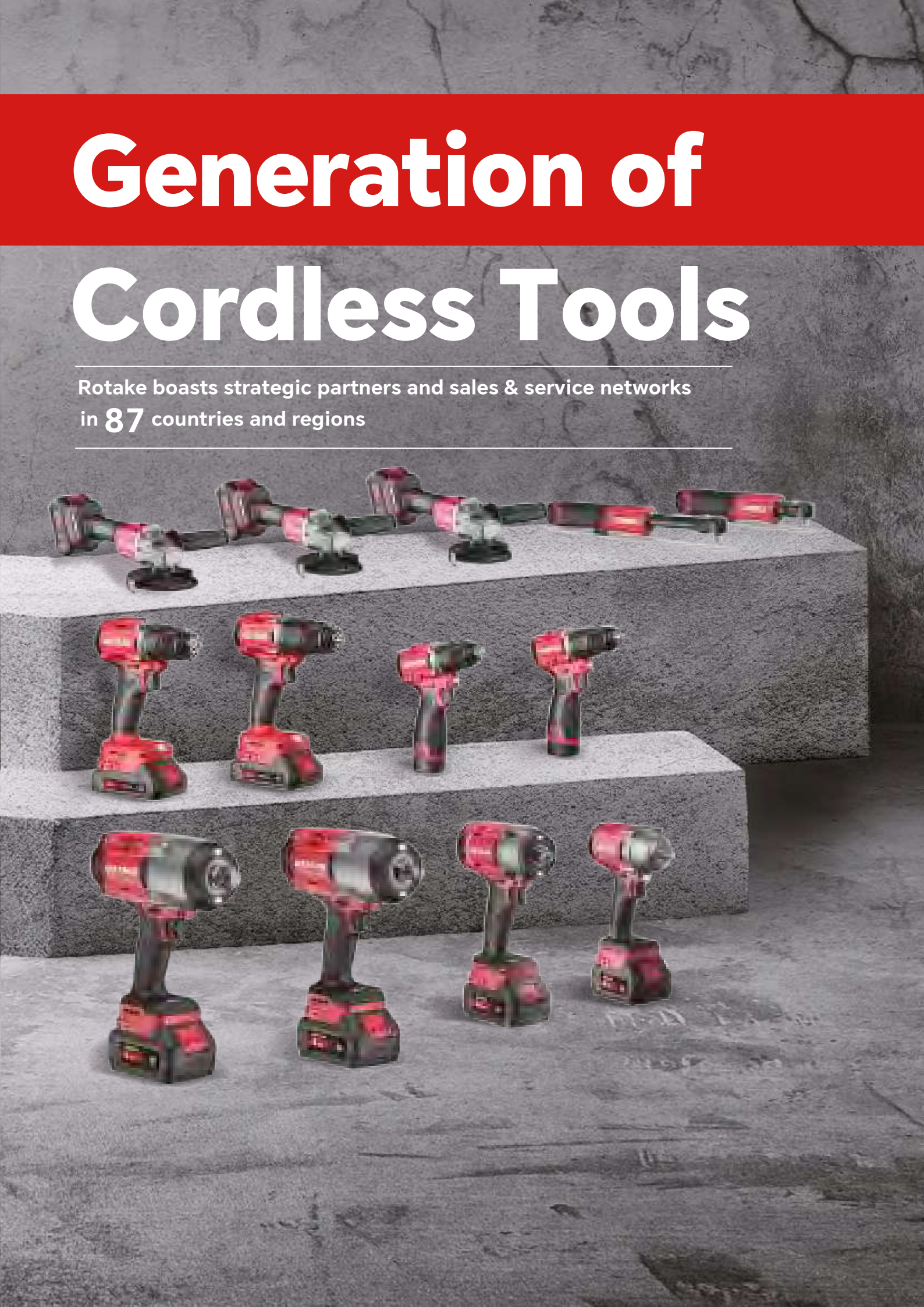
2024 Successfully launched a new generation of smart cordless tools, opening up a new era of smart cordless tools.

The New Smart



Generation of Cordless Tools

Rotake boasts strategic partners and sales & service networks in **87** countries and regions



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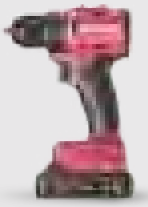

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54-60 Combo Kits





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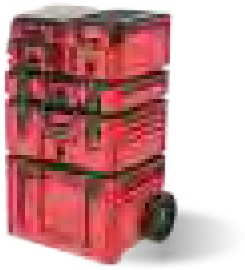

81-85 Cleaning

83-84 Compact Blowers
Dust Blowers



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86-92 Lights

86-92 Work Lights







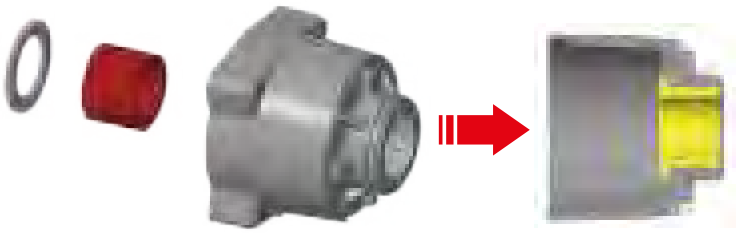
Brushless Motor

- Electronically commutated, spark-free and reliable operation, brushless design, extended life and maintenance-free.
- Its small size and light weight design improves the power density and reduces the size and weight of the whole machine. At the same time, the characteristics of high torque, high speed and high efficiency help reduce energy consumption and extend the endurance of the equipment.
- It uses high-quality rare earth magnets and pure copper enameled wire, which can easily cope with continuous heavy-duty applications.



Integrated Die-casting Technology

- The pioneer innovation in the industry, three-in-one die-casting technology, integrates the gearbox housing, output shaft sleeve, and output shaft gasket of the impact wrench into one part.
- Easier assembly, more reliable structure, and more convenient maintenance.
- The output shaft is installed with positioning, which has higher precision and smaller runout.



Reaction Force Control Technology

Real-time monitoring of the machine acceleration by gyroscope. Once the set value is exceeded, the machine will automatically stop.

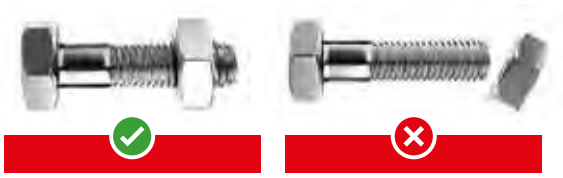
The function will be automatically stimulated during the operation of the machine to protect the operator from injury.

- E.g. high torque cordless drill: if the drill bit is jammed, RFC will automatically power off to prevent the operator's hand from being thrown off and twisted.
- E.g. angle grinder: if the grinding/cutting blade is jammed, RFC will automatically power off to prevent the machine from rebounding and falling out of the operator's hand.

Smart Control Mode

Tightening Auto-stop Mode:

When tightening the bolt, the controller automatically determines whether the nut fits the workpiece, and automatically shuts down the machine when the impact time reaches the set target. The longer the impact time of the cordless wrench, the greater the locking torque of the bolt, which greatly improves the consistency of the bolt tightening torque.



Loosening Speed-reduction Mode:

When removing the bolt, the cordless wrench first impacts at full speed, and the controller automatically determines whether the nut leaves the workpiece. If there is no impact, it immediately reduces the speed. The function can avoid the risk of nuts/bolts coming off the machine and falling when the operator fails to stop the machine in time.



LED Shadowless Lighting System

- Composed of two or more LEDs
- No fear of obstruction, suitable for narrow and dark environment operations
- When the battery pack is plugged in or the trigger is pulled, the LED automatically lights up
- The system has a delayed extinguishing function, and the LED automatically switches to standby mode



CSC Constant Speed Control

Using Hall sensing element to monitor the position of rotor assy in real time and precisely control the motor output speed.

- Within the rated load range, the machine does not drop speed and always runs at a constant speed to improve work efficiency
- The machine will only drop speed when the load exceeds the rated value to prevent excessive power and frequent machine protection

New Smart Battery Platform



20V

Quintuple Protection

- Overcharge Protection
- Over Discharge Protection
- Overcurrent Protection
- Short Circuit Protection
- Temperature Control Protection



High Multiplying Power, Strong Output

The world's leading brand of high-rate ternary Li-ion battery cells is selected to ensure the strong output of highpower products.
High energy density design supports longterm continuous operation of power tools,reduces frequent charging, and improves work efficiency.

Long Life, Durable

Matching the T series smart impact wrench, the measured cycle life of the machine under harsh application conditions is 500 cycles, and the remaining capacity is ⩾80% of the initial capacity.

High Security, Double Protection of Charge and Discharge

Dual charging and discharging protection BMS system accurately monitors battery status. Provides remaining power display, overcharge, overdischarge, and overtemperature protection, and cuts off the circuit under abnormal conditions to ensure safe and stable operation of the battery, extend battery life, and ensure safe charging and discharging. The products have passed strict international safety certifications, such as CE, PSE, KC, UL etc.

High Performance, Low Temperature Resistance

Reliable and powerful performance is maintained even in low-temperature environments down to -20°.

Reliable Structure

Light weight and compact design. The bottom of the shell is rubbercoated, maximum operator comfort and slipresistant. Passed a 2-meter drop test, drop resistant and crash resistant.

Battery 20V Li-ion



2.0Ah

20B2
121*79*51mm
0.4kg



4.0Ah

20B4
121*79*70 mm
0.67kg



5.0Ah

20B5
121*79*70 mm
0.7kg



6.0Ah

20B6
121*79*89 mm
0.97kg



8.0Ah

20B8
136*84*80 mm
0.98kg

Charger 20V



18C2.5



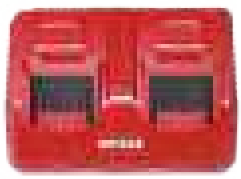
18C4

Charging Time

Charger / Battery	18C2.5	18C4	18C6	18C8	18C4D
20B2	58 min	36 min	30 min	–	36 min
20B4	116 min	72 min	60 min	40 min	72 min
20B5	144 min	92 min	75 min	55 min	92 min
20B6	172 min	110 min	90 min	70 min	110 min
20B8	230 min	144 min	120 min	100 min	144 min



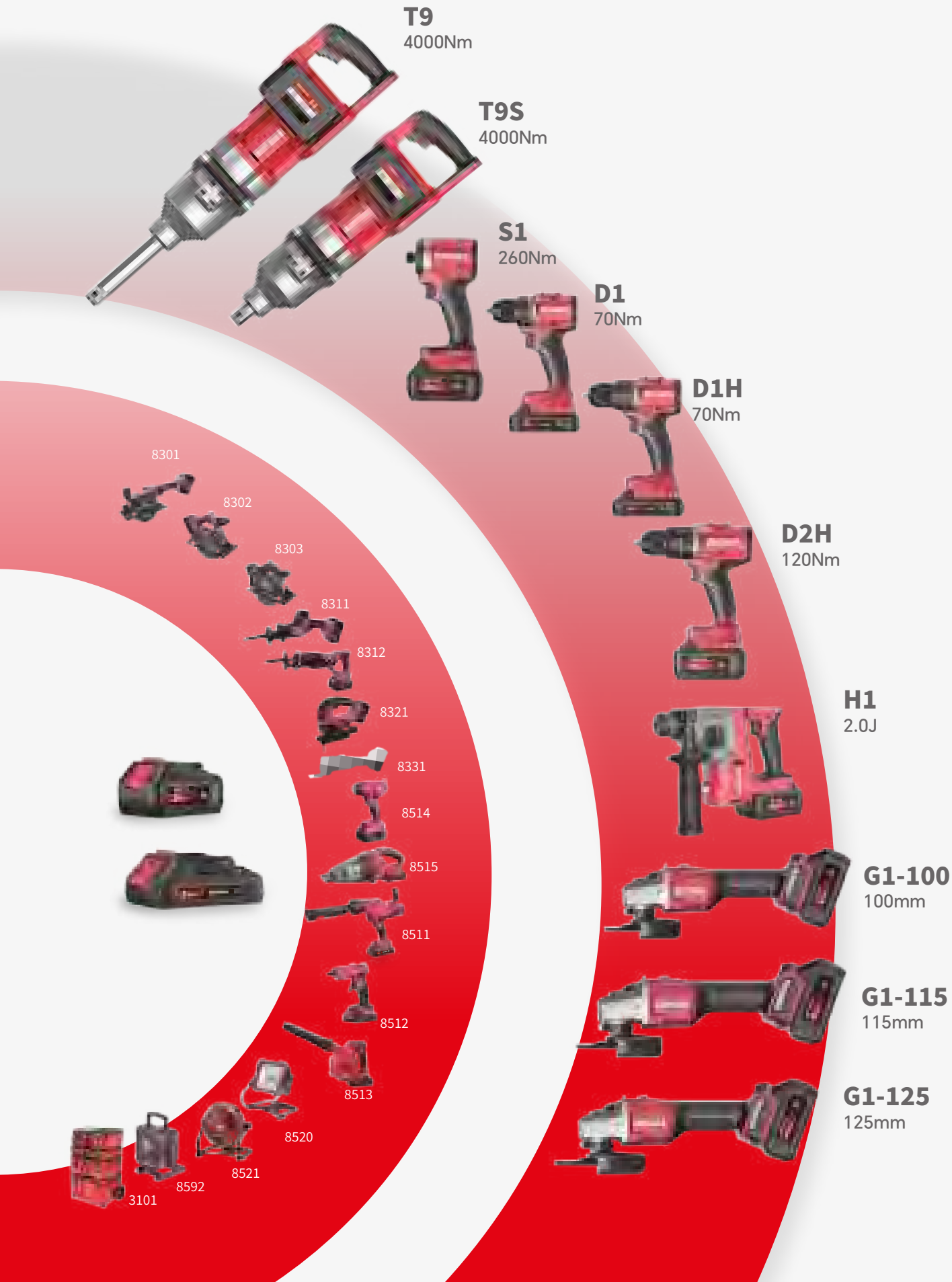
18C6/18C8



18C4D

20V Smart Battery Platform




T9
4000Nm
T9S
4000Nm
S1
260Nm
D1
70Nm
D1H
70Nm
D2H
120Nm
H1
2.0J
G1-100
100mm
G1-115
115mm
G1-125
125mm
8301
8302
8303
8311
8312
8321
8331
8514
8515
8511
8512
8513
8520
8521
8592
3101

New Generation 16V

Battery Platform

2.0Ah 16B2
51*51*84mm
0.22kg

4.0Ah 16B4
99.5*74*106mm
0.5kg

5.0Ah 16B5
99.5*74*106mm
0.52kg



Compact and Powerful

Charger 16C2
131*80*52mm
0.24kg



72mins Full charge for 2.0Ah Battery



Charger 16C3
131*80*52mm
0.27kg

One battery more tools



T11
750Nm



S11
180Nm



D11
60Nm



D11H
60Nm



R1S
95Nm



R1
95Nm

ROTAKE®

Impact Wrenches



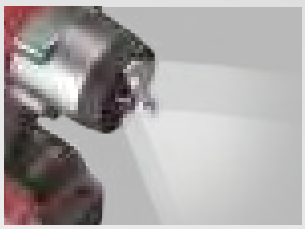


T1 780Nm | T2 1180Nm | T3 1880Nm | T4 1980Nm | T5 2400Nm | T6 2500Nm



SMARTER STRONGER TOUGHER

T-SERIES
SMART IMPACT WRENCH

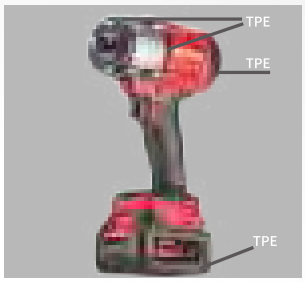


Front Shadowless Dual LED Lights

Wide range lighting, clear and precise



3-speed Control



Complete TPE Soft Rubber Protection

No worry of falling





CFD Cooling System

Efficient heat dissipation, longer lasting heavy load

TPE Rubber Handle

Shock absorption and anti-slip, comfortable operation



Multi-point of Lanyard, Lace-up Design

safety and convenience

Strong Power Longer Battery Life

Smart Control Multiple Efficiency

Excellent Performance Quality Choice

Application



Auto repair



Large tower crane installation



Wind power nuclear power UHV



Road and bridge construction

T1S Lightweight Impact Wrench

0.99kg
Lightweight

580Nm
Working Torque

137mm
Compact Body

Scaffolding Work

- Smart control, stop when tightened
- Forward and reverse mode, 3-speed to switch
- Brushless motor, strong power
- Integrated front LED shadowless light

T1S

1/2" Lightweight Impact Wrench

Application Tire Removal | Industrial Machinery Assembly & Disassembly | Construction Applications

BRUSHLESS MOTOR

	T1S	T1S-20D
Battery	—	2.0Ah×2
Charger	—	2.5A×1
Square Size (Inch)	1/2"	1/2"
Rated Voltage (V)	20	20
No-Load Speed (RPM)	1900/2600/3200	1900/2600/3200
Impact Per Minute (IPM)	2500/3400/4200	2500/3400/4200
Max. Fastening Torque (Nm)	380	380
Nut Busting Torque (Nm)	**580**	**580**
Weight (kg)	0.99	4.2
Size L*W*H (mm)	137×76×201	142×78×231

T1S



T1S-20D



T11

1/2" Stubby Impact Wrench

Application Shelf Work | Auto Repair | Furniture Assembly | Machinery Maintenance | Shelf Disassembly & Assembly etc.

IDC BRUSHLESS MOTOR LED

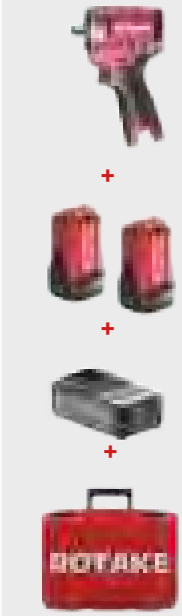
- Compact body, lightweight and portable
- Smart control: automatic stop in forward rotation, deceleration in reverse rotation
- 3-speed control
- Widely used in different applications

	T11	T11-20D
Battery	—	2.0Ah×2
Charger	—	2A×1
Square Size (Inch)	1/2"	1/2"
Rated Voltage (V)	16	16
No-Load Speed (RPM)	2700/2000/1400	2700/2000/1400
Impact Per Minute (IPM)	3200/2400/1600	3200/2400/1600
Max. Fastening Torque (Nm)	520	520
Nut Busting Torque (Nm)	**750**	**750**
Weight (kg)	0.98	3.05
Size L*W*H (mm)	126×66×189	130x66x211

T11



T11-20D







Just Do It.

T1

Compact Impact Wrench



“ Small Body, Hercules ”

Although it is small, it has amazing explosive power like a Hercules . It can easily handle narrow spaces and apply force accurately. Every rotation is a brave challenge to traditional constraints. It is a nimble dancer on the scaffolding, a hidden force in the mechanical repair industry, an efficiency star in the auto repair workshop, and a capable assistant on the factory production line.



T2

Mid- Torque Impact Wrench



“ Tire Service, the Best ”

It is a star product in the auto repair industry, a must-have for every tire technician, and a reliable choice for steel structure reinforcement and heavy equipment maintenance. Its precisely controlled medium torque output ensures that the operation is fast and safe, making every operation as smooth as flowing water.



T3

High Torque Impact Wrench



“ The 1/2" Impact Wrench, KING ”

T3 is not only the pinnacle of power, but also the synonym of efficiency. Whether it is giant bolts in the field of auto repair or heavy parts of construction machinery, T3 can easily break down all resistance with its thunderous force. Its excellent performance and stability make it a reliable assistant for professionals. Choosing T3 means choosing a double feast of power and efficiency.



	Square Size	No Load Speed(RPM)	Impact Per Minute(IPM)	Max. Fastening Torque (Nm)	Nut Busting Torque(Nm)	Weight Without Battery(kg)	L*W*H Without Battery(mm)
T1	1/2"	2700/2200/1700	3700/3000/2300	580	**780**	1.20	133*76*211
T2	1/2"	2500/2000 /1500	2700/2200 /1600	900	**1180**	1.85	170*76*228
T3	1/2"	1800/1500/1000	2300/1800/1400	1200	**1880**	2.90	206*85*231

T1

1/2" Compact Impact Wrench

Application Scaffolding | Machine Repair | Auto Repair | Factory etc.

IDC BRUSHLESS MOTOR LED

- Smart control, stop when tightened
- Forward and reverse mode, three gears to switch at will
- Brushless motor, strong power
- Top battery cells in the industry, longer battery life
- LED shadowless lighting, no fear of obstruction

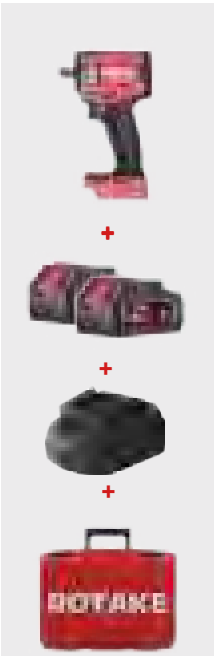
	T1	T1-40D
Battery	—	4.0Ah×2
Charger	—	2.5A×1
Square Size (Inch)	1/2"	1/2"
Rated Voltage (V)	20	20
No-Load Speed (RPM)	2700/2200/1700	2700/2200/1700
Impact Per Minute (IPM)	3700/3000/2300	3700/3000/2300
Max. Fastening Torque (Nm)	580	580
Nut Busting Torque (Nm)	**780**	**780**
Weight (kg)	1.20	4.39
Size L*W*H (mm)	133x76x211	133x76x261

Small Body, Hercules

T1



T1-40D



T2

1/2" Mid-Torque Impact Wrench

Application Tire | Auto Repair | Steel Structure | Equipment etc.

IDC BRUSHLESS MOTOR LED

- Smart control, stop when tightened
- Forward and reverse mode, three gears to switch at will
- Brushless motor, strong power
- Top battery cells in the industry, longer battery life
- LED shadowless lighting, no fear of obstruction

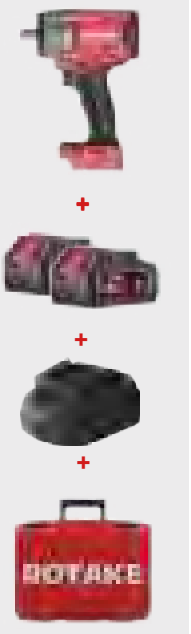
	T2	T2-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Square Size (Inch)	1/2"	1/2"
Rated Voltage (V)	20	20
No-Load Speed (RPM)	2500/2000 /1500	2500/2000 /1500
Impact Per Minute (IPM)	2700/2200 /1600	2700/2200 /1600
Max. Fastening Torque (Nm)	900	900
Nut Busting Torque (Nm)	**1180**	**1180**
Weight (kg)	1.85	5.0
Size L*W*H (mm)	170x76x228	170x76x277

Tire Service, the Best

T2



T2-40D



T3

1/2" High-Torque Impact Wrench

Application Auto Repair | Construction Machinery | Equipment | Electricity etc.

IDC BRUSHLESS MOTOR LED

- Smart control, stop when tightened
- Forward and reverse mode, three gears to switch at will
- Brushless motor, strong power
- Top battery cells in the industry, longer battery life
- LED shadowless lighting, no fear of obstruction

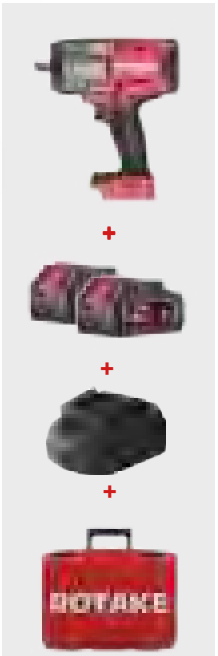
	T3	T3-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Square Size (Inch)	1/2"	1/2"
Rated Voltage (V)	20	20
No-Load Speed (RPM)	1800/1500/1000	1800/1500/1000
Impact Per Minute (IPM)	2300/1800/1400	2300/1800/1400
Max. Fastening Torque (Nm)	1200	1200
Nut Busting Torque (Nm)	**1880**	**1880**
Weight (kg)	2.90	6.24
Size L*W*H (mm)	206x85x231	206x85x281

The 1/2" Impact Wrench KING

T3



T3-40D



T4

3/4" High-Torque Impact Wrench

Application Auto Repair | Construction Machinery | Equipment | Electricity etc.

IDC BRUSHLESS MOTOR LED

- Smart control, stop when tightened
- Forward and reverse mode, three gears to switch at will
- Brushless motor, strong power
- Industry-leading battery cells, longer battery life
- LED shadowless lighting, no fear of obstruction

	T4	T4-50D
Battery	—	5.0Ahx2
Charger	—	4.0A×1
Square Size (Inch)	3/4"	3/4"
Rated Voltage (V)	20	20
No-Load Speed (RPM)	1800/1500/1000	1800/1500/1000
Impact Per Minute (IPM)	2300/1800/1400	2300/1800/1400
Max. Fastening Torque (Nm)	1300	1300
Nut Busting Torque (Nm)	**1980**	**1980**
Weight (kg)	2.95	6.38
Size L*W*H (mm)	213x85x231	213x85x281

T4



T4-50D



T5

3/4" High-Torque Impact Wrench

Application Light Truck | Construction Machinery | Electricity | Railway etc.

IDC BRUSHLESS MOTOR LED

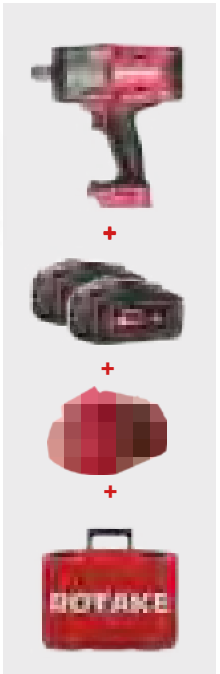
- Smart control, stop when tightened
- Forward and reverse mode, three gears to switch at will
- Brushless motor, strong power
- Top battery cells in the industry, longer battery life
- LED shadowless lighting, no fear of obstruction

	T5	T5-80D
Battery	—	8.0Ahx2
Charger	—	4A×1
Square Size (Inch)	3/4"	3/4"
Rated Voltage (V)	20	20
No-Load Speed (RPM)	1900/1500/1100	1900/1500/1100
Impact Per Minute (IPM)	2400/1900/1400	2400/1900/1400
Max. Fastening Torque (Nm)	2100	2100
Nut Busting Torque (Nm)	**2400**	**2400**
Weight (kg)	3.45	7.55
Size L*W*H (mm)	215x92x235	215x92x292

T5



T5-80D



T6

1" High-Torque Impact Wrench

Application Light Truck | Construction Machinery | Electricity | Railway etc.

IDC BRUSHLESS MOTOR LED

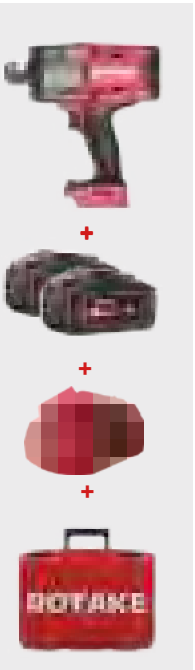
- Smart control, stop when tightened
- Forward and reverse mode, three gears to switch at will
- Brushless motor, strong power
- Top battery cells in the industry, longer battery life
- LED shadowless lighting, no fear of obstruction

	T6	T6-80D
Battery	—	8.0Ahx2
Charger	—	4A×1
Square Size (Inch)	1"	1"
Rated Voltage (V)	20	20
No-Load Speed (RPM)	1900/1500/1100	1900/1500/1100
Impact Per Minute (IPM)	2400/1900/1400	2400/1900/1400
Max. Fastening Torque (Nm)	2200	2200
Nut Busting Torque (Nm)	**2500**	**2500**
Weight (kg)	3.60	7.95
Size L*W*H (mm)	225x92x235	225x92x292

T6



T6-80D



Only **9.7Kg** *Lightweight*

4000 N.m



2-Speed Adjustment with Smart Control

Tightening Auto-Stop Mode: Torque deviation≤ ±10%, preventing overload damage
Loosening Speed-Reduction Mode: Automatically reduces speed by 50% for safer bolt removal



Easy Operation Smart Control

One-button forward and reverse

Dual Battery Packs with Shock Absorption

Provide Longer Life
Save Working Time



For Trucks and Industrial Applications

Wireless Force, Flexible Use

Industrial Equipment Maintenance

Construction Machinery


Heavy Trucks


Railroad Mechanics

6-inch Extended Shaft

Reduce the Operating Radius in Narrow Spaces by 35%

T9 High Torque Impact Wrench

T9

1"High-Torque Impact Wrench

Application Tire Change | Industrial Machinery | Heavy Truck Maintenance
Large-scale Construction | Mining | Road and Bridge Construction etc.

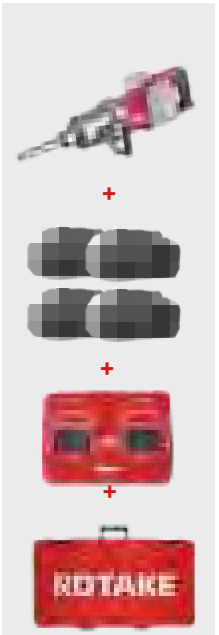
- The most powerful cordless impact wrench, the max. nut-busting torque up to 4000Nm
- Efficient and energy-saving, brushless DC motor
- High-quality long shaft for tougher use
- Long endurance, dual battery packs provide stable power
- High quality bearings for durability
- 2-speed control + smart automatic stop, smart operation is more efficient
- Dual handle design for more comfortable grip

	T9	T9-80Q
Battery	—	8.0Ahx4
Charger	—	4Ax2×1
Square Size (Inch)	1"	1"
Rated Voltage (V)	40	40
No-Load Speed (RPM)	1100/700	1100/700
Impact Per Minute (IPM)	1600/1000	1600/1000
Max. Fastening Torque (Nm)	3200	3200
Nut Busting Torque (Nm)	**4000**	**4000**
Weight (kg)	9.70	18.55
Size L*W*H (mm)	660×130×162	660x243x162

T9



T9-80Q



T9S

1"High-Torque Impact Wrench

Application Tire Change | Industrial Machinery | Heavy Truck Maintenance
Large-scale Construction | Mining | Road and Bridge Construction etc.

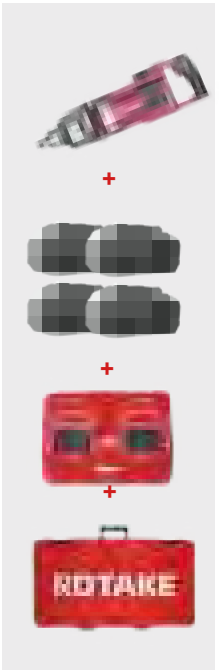
- The most powerful cordless impact wrench, the max. nut-busting torque up to 4000Nm
- Efficient and energy-saving, brushless DC motor
- Long endurance, dual battery packs provide stable power
- High-quality bearings for durability
- 2-speed control+ smart automatic stop, smart operation is more efficient
- Dual handle design for more comfortable grip

	T9S	T9S-80Q
Battery	—	8.0Ah×4
Charger	—	4Ax2×1
Square Size (Inch)	1"	1"
Rated Voltage (V)	40	40
No-Load Speed (RPM)	1100/700	1100/700
Impact Per Minute (IPM)	1600/1000	1600/1000
Max. Fastening Torque (Nm)	3200	3200
Nut Busting Torque (Nm)	**4000**	**4000**
Weight (kg)	9.00	18.05
Size L*W*H (mm)	540×130×162	540x243x162

T9S



T9S-80Q



ROTAKE®

Ratchet Wrenches

- The Combination of power and speed provides solutions for automobile manufacturing and maintenance
- Compact head desgin, convenient for working in narrow spaces



R1S

3/8" Ratchet Wrench

Application Auto Repair | Truss Assembly | Mechanical Maintenance
Steel Frame Construction | Shelf Disassembly etc.

BRUSHLESS MOTOR

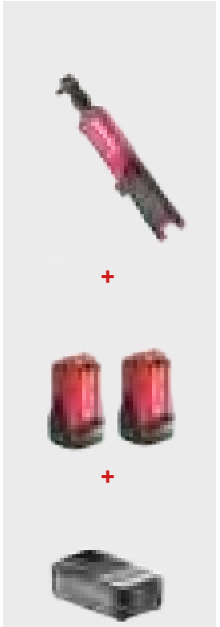
- The combination of power and speed provides solutions for automobile manufacturing and maintenance
- Compact head design, convenient for working in small spaces
- LED lighting to illuminate the work area
- Reinforced mechanical structure, one-piece cast steel head shell

	R1S	R1S-20D
Battery	—	2.0Ah×2
Charger	—	2A×1
Square Size (Inch)	3/8"	3/8"
Rated Voltage (V)	16	16
No-Load Speed (RPM)	200	200
Max. Fastening Torque (Nm)	95	95
Weight (kg)	0.95	3.0
Size L*W*H (mm)	52×62×301	52×62×325

R1S



R1S-20D



R1

3/8" Extended Ratchet Wrench

Application Auto Repair | Truss Assembly | Mechanical Maintenance
Steel Frame Construction | Shelf Disassembly etc.

BRUSHLESS MOTOR

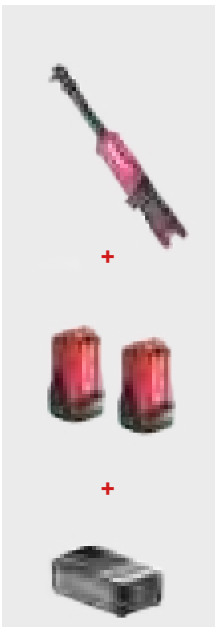
- The combination of power and speed provides solutions for automobile manufacturing and maintenance
- The shaft length is extended by 106mm and the compact head design facilitates working in small spaces
- LED lighting to illuminate the work area
- Reinforced mechanical structure, one-piece cast steel head shell

	R1	R1-20D
Battery	—	2.0Ah×2
Charger	—	2A×1
Square Size (Inch)	3/8"	3/8"
Rated Voltage (V)	16	16
No-Load Speed (RPM)	200	200
Max. Fastening Torque (Nm)	95	95
Weight (kg)	1.05	3.1
Size L*W*H (mm)	52×62×386	52×62×409

R1



R1-20D



2601

3/8" Ratchet Wrench

Application Auto Repair | Truss Assemblely | Machanical maintenance | Steel fram construction | Shelf disassemblely etc.

CSC

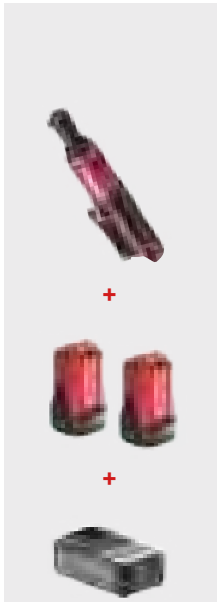
- Compact head desgin, convenient for working in small spaces
- LED lighting to illuminate the work area
- Smart battery indicator, keep abreast of battery status at any time
- One-click lock, easy to operate
- Variable speed switch, flexible switching of work requirements

	2601	2601-20D
Battery	—	2.0Ah×2
Charger	—	2A×1
Square Size (Inch)	3/8"	3/8"
Rated Voltage (V)	16	16
Motor Type	Brush DC	Brush DC
No-Load Speed (RPM)	280	280
Max. Fastening Torque (Nm)	**40**	**40**
Weight (kg)	0.72	2.3
Size L*W*H (mm)	270×48×61	303×48×61

2601



2601-20D





2602

3/8" Extended Ratchet Wrench

Application Auto Repair | Truss Assemblely | Machanical maintenance | Steel fram construction | Shelf disassemblely etc.

CSC

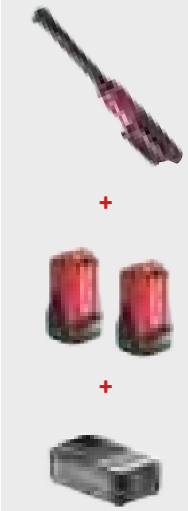
- LED lighting to illuminate the work area
- Smart battery indicator, keep abreast of battery status at any time
- One-click lock, easy to operate
- Variable speed switch, flexible switching of work requirements

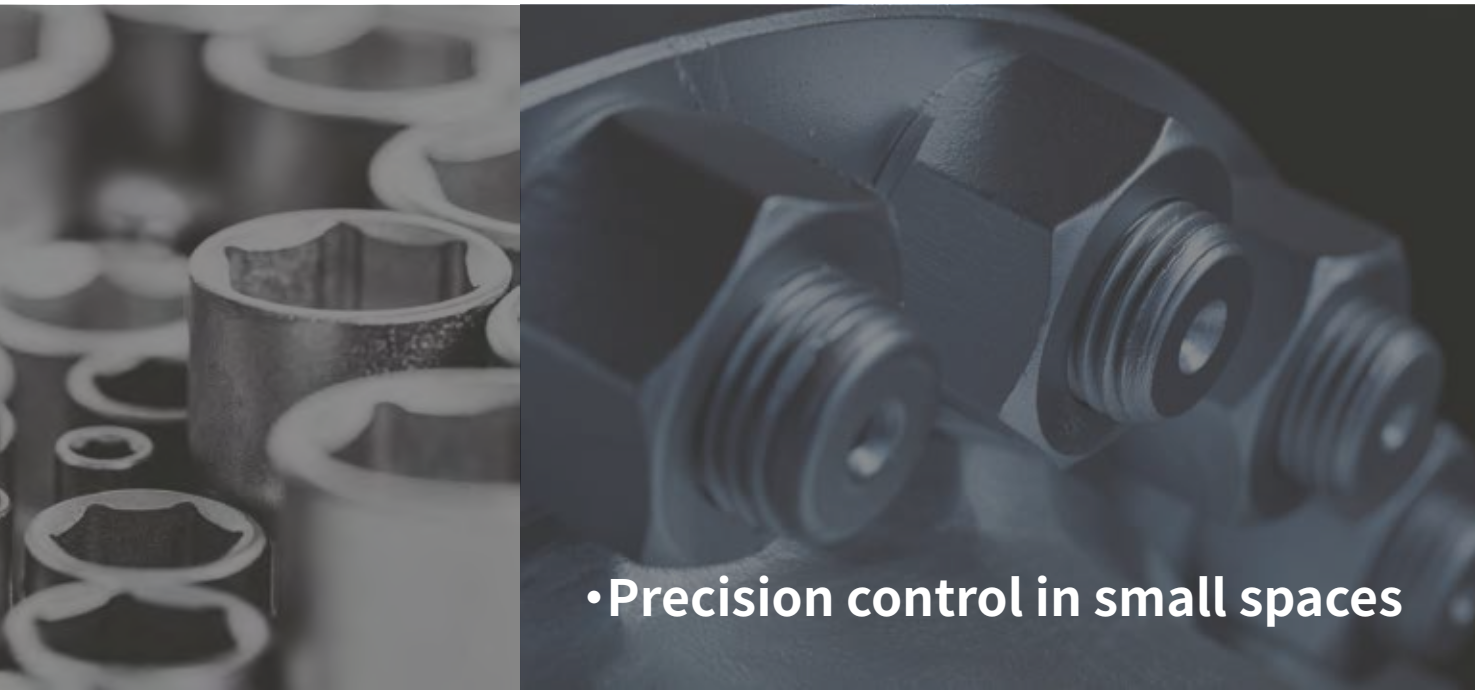
	2602	2602-20D
Battery	—	2.0Ah×2
Charger	—	2A×1
Square Size (Inch)	3/8"	3/8"
Rated Voltage (V)	16	16
Motor Type	Brush DC	Brush DC
No-Load Speed (RPM)	280	280
Max. Fastening Torque (Nm)	**40**	**40**
Weight (kg)	1.0	2.58
Size L*W*H (mm)	363×48×61	405×48×61

2602



2602-20D





ROTAKE

Impact Drivers

- Compact design for professional screw driving
- Multi-stage with smart auto-stop detection



S1 1/4" Impact Driver

Efficient Screw Driving

260 Nm
Ultra-High Torque Output

3900 RPM
High Speed

4900 IPM
High Impact Frequency



113mm
Compact Body
Perfect for home DIY and construction machinery installation
Tackle corners & confined spaces with ease

CFD Cooling Flow Design
Ensures smooth operation during continuous use

3+1 Speed Control
Smart control
Auto-stop for tightening

	Low Speed	Medium Speed	High Speed
No-Load Speed (RPM)	0-1700	0-3100	0-3900
Impact Frequency (IPM)	0-2200	0-3800	0-4900
Applications	Furniture/window installation/woodworking/auto repair steel plate/machinery equipment		

BMS Safety Protection System
Protects against overcurrent, overheating, undervoltage, overvoltage, overcharge and over-discharge

Variable Speed Switch Control

0-3900rpm with millimeter-level response



Dual LED Shadowless Lighting

Wide-range lighting, clear and precise



S11

1/4" Hex Impact Driver

Application Furniture Assembly | Auto Repair | Mechanical Repair | Electrical Repair etc.

- Compact and powerful, professional screw driver
- 3-speed control, equipped with smart screw self-stop
- 180Nm maximum tightening torque
- Powerful motor, improved durability

	S11	S11-20D
Battery	—	2.0Ah×2
Charger	—	2A×1
Chuck Size (Inch)	1/4" HEX	1/4" HEX
Rated Voltage (V)	16	16
No-Load Speed (RPM)	3900/3200/2100	3900/3200/2100
Impact Per Minute (IPM)	4400/3600/2400	4400/3600/2400
Max. Torque (Nm)	**180**	**180**
Weight (kg)	0.72	2.82
Size L*W*H (mm)	125×55×187	132×55×209

S11



S11-20D



S1

1/4" Hex Impact Driver

Application Scaffolding | Machine Repair | Auto Repair | Factory | Furniture Assembly etc.

- 113mm compact body, easy to operate in small spaces
- 3-speed control, equipped with smart screw self-stop
- 260Nm maximum tightening torque
- Ergonomic design handle

	S1	S1-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Chuck Size (Inch)	1/4" HEX	1/4" HEX
Rated Voltage (V)	20	20
No-Load Speed (RPM)	3900/3100/1700	3900/3100/1700
Impact Per Minute (IPM)	4900/3800/2200	4900/3800/2200
Max. Torque (Nm)	**260**	**260**
Weight (kg)	1.05	4.34
Size L*W*H (mm)	113×76×207	127×78×257

S1



S1-40D




ROTAKE
ROTAKE
4.0Ah
20v

ROTAKE

Driver Drills

- Multiple uses, high and low dual speed, easy to deal with multiple applications
- 20+1 torque settings, application-optimized settings.



D11 1/2" Driver Drill

16V
Power System

60Nm
Max. Torque



Industrial Durable Architecture
Metal gearbox, metal ratchet chuck, and high-strength body material for triple reinforcement

LED Delay Lighting
10-second illumination after power-off

Variable Speed Switch Control
0-1600rpm
with millimeter-level response

Dual Modes: Screwdriving & Drilling
Supports high-speed wood drilling:
Maximum drilling diameter of Φ25mm

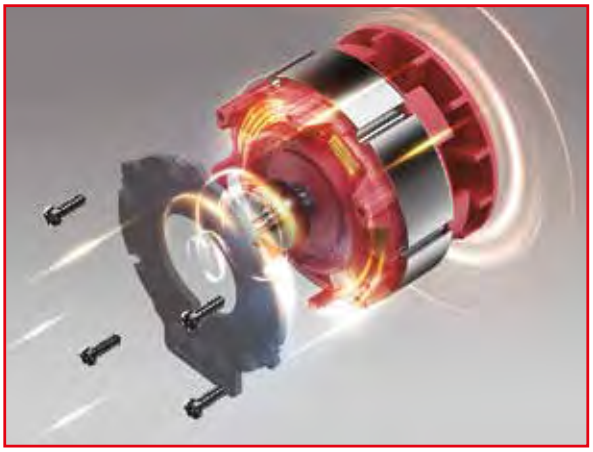
Drilling Screwdriving

	Low Speed	High Speed
No-Load Speed	0-500RPM	0-1600RPM
Materials	Wood/Metal	

TPE Cushioned Grip
Full TPE rubber handle pressure-dispersing
Fatigue-free operation for 2+ hours

Brushless Motor with Constant Speed Control

Speed fluctuation ⩽ ±2%, stable torque output in various conditions
High-load speed drop <5%, continuous high-efficiency operation



Comfort Control System

142mm Compact Body, 0.91kg Optimized Weight
Unlock Clear Advantages of Working at Heights



D11

1/2" Driver Drill

Application Wood Drilling | Steel Drilling | Tile Drilling
Furniture Installation & Disassembly etc.

- One machine for multiple uses: home decoration, repair etc.,
- Industrial-grade metal chuck, long-term use without drill falling
- High and low dual speeds, easy to deal with multiple scenarios
- 20+1 torque settings, easy to impact drilling
- 142mm compact body, suitable for small space operations
- Forward and reverse can be easily switched with one button

	D11	D11-20D
Battery	—	2.0Ah×2
Charger	—	2A×1
Chuck Size (mm)	13	13
Rated Voltage (V)	16	16
No-Load Speed (RPM)	500/1600	500/1600
Max. Torque (Nm)	**60**	**60**
Max. Drilling Capacity - Wood (mm)	35	35
Max. Drilling Capacity - Steel (mm)	13	13
Max. Drilling Capacity - Concrete (mm)	N/A	N/A
Impact Per Minute (IPM)	N/A	N/A
Weight (kg)	0.91	3.0
L*W*H Without Battery (mm)	142×58×190	142×58×212

D11



D11-20D



D1

1/2" Driver Drill

Application Screw Tightening | Steel Drilling | Wood Drilling | Tile Drilling etc.

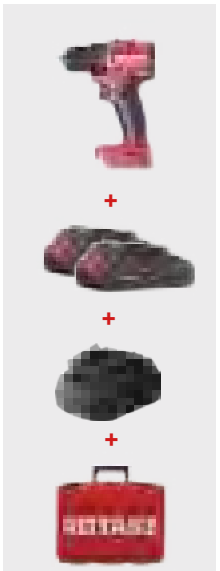
- Powerful force, strong impact, one machine for multiple uses
- Industrial-grade metal chuck, long-term use without drill falling
- High and low dual speeds, easy to deal with multiple scenarios
- 20+1 torque settings, easy to impact drilling
- Variable speed switch, forward and reverse can be easily switched with one button

	D1	D1-20D
Battery	—	2.0Ah×2
Charger	—	2.5A×1
Chuck Size (mm)	13	13
Rated Voltage (V)	20	20
No-Load Speed (RPM)	550/1700	550/1700
Max. Torque (Nm)	**70**	**70**
Max. Drilling Capacity - Wood (mm)	40	40
Max. Drilling Capacity - Steel (mm)	13	13
Max. Drilling Capacity - Concrete (mm)	N/A	N/A
Impact Per Minute (IPM)	N/A	N/A
Weight (kg)	1.05	3.8
L*W*H Without Battery (mm)	146×76×206	150×78×237

D1



D1-20D




ROTAKE
6 • 18 • 20
2.0Ah
ROTAKE
20v

ROTAKE

Hammer Drills

- Rotake's new generation of brushless motors provide longer motor life and more power.
- The new gearbox design provides more power in a smaller size, and the drilling efficiency is 30% higher than the previous generation.
- The fully black-oxidized metal chuck improves corrosion resistance in harsh environments.



D1H 1/2" Hammer Drill

Continuous and efficient operation in multiple working conditions

Industrial Durable Architecture
Heat transfer efficiency increased by 50%





Compact Body
158mm

Variable-speed Switch
Millisecond-level response
Stepless speed adjustment
(0-1700 RPM)

Full TPE Rubber Handle
Pressure-dispersing
Fatigue-free operation for 2+ hours

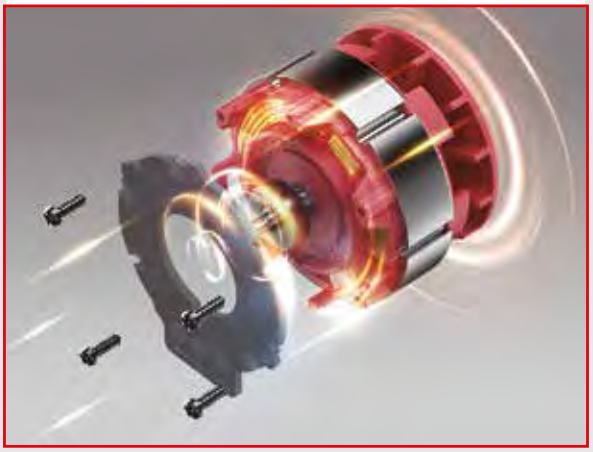
LED Delay Lighting
10-second illumination after power-off

Dual-speed drilling adjustment

	Low-speed gear	High-speed gear
No-load speed	0-550RPM	0-1700RPM
Materials	Wood/Tile/Concrete/Metal	

Sensored brushless motor with constant-speed control

High load speed drop <5%, continuous and efficieht operation
Speed fluctuation ⩽+2%, stable torque output
in multiple working conditions



Instant mode switching, 20 torque settings for screwdriving

One-click transition between Drilling/ Hammering/Screwdriving modes



D11H

1/2" Hammer Drill

Application Wood Drilling | Steel Drilling | Tile Drilling
Furniture Installation & Disassembly etc.

- One machine for multiple uses: home decoration, repair etc.,
- Industrial-grade metal chuck, long-term use without drill falling
- High and low dual speeds, easy to deal with multiple scenarios
- 20+2 torque settings, easy to impact drilling
- 171mm compact body, suitable for small space operations
- Forward and reverse can be easily switched with one button

	D11H	D11H-20D
Battery	—	2.0Ah×2
Charger	—	2A×1
Chuck Size (mm)	13	13
Rated Voltage (V)	16	16
No-Load Speed (RPM)	500/1600	500/1600
Max. Torque (Nm)	**60**	**60**
Max. Drilling Capacity - Wood (mm)	35	35
Max. Drilling Capacity - Steel (mm)	13	13
Max. Drilling Capacity - Concrete (mm)	13	13
Impact Per Minute (IPM)	7500/24000	7500/24000
Weight (kg)	0.97	3.07
L*W*H Without Battery (mm)	154×58×190	154×58×212

D11H



D11H-20D



D1H

1/2" Hammer Drill

Application Screw Tightening | Steel Drilling | Wood Drilling |
Tile Drilling | Cement Drilling etc.

- Powerful force, strong impact, one machine for multiple uses
- Industrial-grade metal chuck, long-term use without drill falling
- High and low dual speeds, easy to deal with multiple scenarios
- 20+2 torque settings, easy to impact drilling
- Variable speed switch, forward and reverse can be easily switched with one button

	D1H	D1H-20D
Battery	—	2.0Ah×2
Charger	—	2.5A×1
Chuck Size (mm)	13	13
Rated Voltage (V)	20	20
No-Load Speed (RPM)	550/1700	550/1700
Max. Torque (Nm)	**70**	**70**
Max. Drilling Capacity - Wood (mm)	40	40
Max. Drilling Capacity - Steel (mm)	13	13
Max. Drilling Capacity - Concrete (mm)	13	13
Impact Per Minute (IPM)	8250/25500	8250/25500
Weight (kg)	1.11	3.86
L*W*H Without Battery (mm)	158×76×206	158×76×236

D1H



D1H-20D



D2H

1/2" Hammer Drill

Application Wood Drilling | Steel Drilling | Tile Drilling
Furniture Installation & Disassembly etc.

RFC CSC BRUSHLESS MOTOR

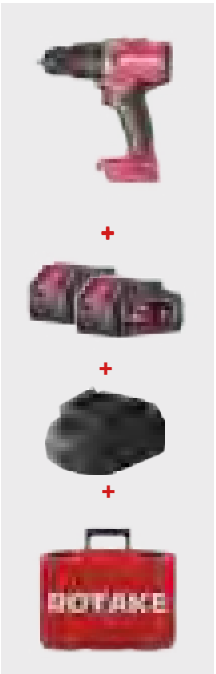
- Powerful force, strong impact, expert in wall drilling
- Industrial-grade metal chuck, long-term use without drill falling
- High and low dual speeds, easy to deal with multiple scenarios.
- 20+2 torque settings, easy to impact drilling
- Variable speed switch, forward and reverse can be easily switched with one button
- Class A high capacity battery, longer battery life

	D2H	D2H-40D
Battery	—	4.0Ah×2
Charger	—	2.5A×1
Chuck Size (mm)	13	13
Rated Voltage (V)	20	20
No-Load Speed (RPM)	500/2200	500/2200
Max. Torque (Nm)	**120**	**120**
Max. Drilling Capacity - Wood (mm)	40	40
Max. Drilling Capacity - Steel (mm)	13	13
Max. Drilling Capacity - Concrete (mm)	13	13
Impact Per Minute (IPM)	9500/40000	9500/40000
Weight (kg)	1.43	4.8
L*W*H Without Battery (mm)	184×76×206	184×76×258

D2H



D2H-40D





ROTAKE®

Rotary Hammers

- Multiple uses, 4-Mode rotary selector function selected as you like
- SDS-Plus Quick-Change chuck
- Electronic Clutch with Overload Protection



H1 22mm SDS Plus Rotary Hammer

Powerful Burst & Efficient Drilling

SDS Plus Quick-Change System
3-Second Bit replacement

Large-Bore Cylinder
Doubled drilling efficiency

AVS
Reduce vibration transmitted to the arm during drilling



Forward/Reverse Switch
Easy to switch with one click

Variable Speed Switch
Adjust speed by pressing the switch; sensitive button for easy operation

LED Light
Reliable operation in the dark

4-Mode Rotary Selector
Chiseling Rotation/Hammer Only/ Rotary Hammer/Drilling



2.0J Impact Energy

Concrete	Metal	Wood
Φ22mm	Φ13mm	Φ28mm

RFC Smart Anti-recoil

Electronic Clutch Safety Protection
The RFC safety control system automatically engages during bit jamming to prevent rotational kickback and protect wrists from injury.



Ergonomic Control System

270mm Compact Body | 360° Swivel Handle
12-Position Angle Lock Accesses | Tight Spaces



H1

22mm SDS-Plus Rotary Hammer

Application Construction | Renovation | Furniture Fabrication | Municipal Engineering | Utility Maintenance

RFC CSC BRUSHLESS MOTOR

- RFC electronic clutch safety protection
- AVS Anti-Vibration system for more comfortable operation
- 4-Mode rotary selector with high efficiency and multi-function
- SDS-Plus chuck for quick bit change and easy installation without falling

	H1	H1-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Impact Energy (J)	**2.0**	**2.0**
No-Load Speed (RPM)	1380	1380
Impact Rate (IPM)	5020	5020
Max Drilling Diameter (mm)	Concrete 22 Metal 13 Wood 28	Concrete 22 Metal 13 Wood 28
Optimal Drilling Range (mm)	6-12	6-12
Net Weight (kg)	1.75	5.6
L*W*H Without Battery (mm)	270x78x175	290×82×204

H1



H1-40D





8902

26mm SDS-Plus Rotary Hammer

Application Construction | Renovation | Furniture Fabrication | Municipal Engineering | Utility Maintenance

- 4-Mode rotary selector with high efficiency and multi-function
- Forward/reverse switch quickly resolves bit jamming
- Variable speed trigger with sensitive button for easy operation
- SDS-Plus Chuck for quick bit change and easy installation without falling
- LED lights clearly illuminate dark workspace

	8902	8902-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Impact Energy (J)	**2.6**	**2.6**
No-Load Speed (RPM)	1200	1200
Impact Rate (IPM)	4400	4400
Max Drilling Diameter (mm)	Concrete 26 Metal 13 Wood 30	Concrete 26 Metal 13 Wood 30
Optimal Drilling Range (mm)	6-16	6-16
Net Weight (kg)	2.3	6.3
L*W*H Without Battery (mm)	395x80x190	395×80×240

8902



8902-40D



8903

28mm SDS-Plus Rotary Hammer

Application Construction | Renovation | Furniture Fabrication | Municipal Engineering | Utility Maintenance

- 4-Mode rotary selector with high efficiency and multi-function
- Forward/reverse switch quickly resolves bit jamming
- Variable speed trigger with sensitive button for easy operation
- SDS-Plus Chuck for quick bit change and easy installation without falling
- LED lights clearly illuminate dark workspace

	8903	8903-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Impact Energy (J)	**3.0**	**3.0**
No-Load Speed (RPM)	1250	1250
Impact Rate (IPM)	4600	4600
Max Drilling Diameter (mm)	Concrete 28 Metal 13 Wood 30	Concrete 28 Metal 13 Wood 30
Optimal Drilling Range (mm)	6-18	6-18
Net Weight (kg)	2.5	6.45
L*W*H Without Battery (mm)	400x80x190	400×80×240

8903



8903-40D



ROTAKE

Industrial Braking Angle Grinders

- Suitable for cutting, metal processing, ceramic tile decoration, industrial construction, auto maintenance etc., for a wide range of applications
- Shock-resistant side handle to reduce vibration
- With anti-recoil protection, restart protection and overload protection system
- Electronic brake, quick stop
- 800W maximum output power, comparable to AC tools



G1-100 Braking Angle Grinder

Powerful cutting & grinding,
High speed & smooth operation

1.58kg bare machine ultra-lightweight design
50% less overhead fatigue compared to traditional models during high-altitude operations

Double Protection
Protection Switch + Restart Protection



135mm Slim Handle
40% increased grip contact surface

High-temperature resistant Cap
Comfortable to press without burning your hands



Industrial 800W Motor
Improved efficiency, continuous cutting thickness up to 12mm cement board

Electronic Brake
Full stop within 1.5s after power-off

Soft Start
The grinding disc starts from slow to fast speed and reaches the highest speed to avoid slipping due to sudden start.

Restart Protection
When the switch is on, the machine will not start after inserting the battery and needs to be turned on again to be used normally.

Anti-recoil Protection
When the cutting disc gets stuck, it effectively prevents the machine from kicking back.

Overload Protection
When the operation exceeds the safety limit, the machine stops.

G1-100

100mm Braking Angle Grinder

Application Cutting | Metalworking | Equipment Installation | Industrial Construction | Automotive Maintenance

RFC BRUSHLESS MOTOR

- High-strength body, ultra-thin and heat-resistant and high-temperature resistant
- Auxiliary handle for stable operation
- Long battery life, high efficiency
- 800W maximum output power, efficient and powerful
- Soft start to avoid losing hands
- 135mm slim handle, balance center without tiring hands

	G1-100	G1-100-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Spindle Size (mm)	M10	M10
Grinding/Slicing Diameter (mm)	100	100
Rated Votage (V)	20	20
Motor Type	Brushless	Brushless
No-Load Speed (rpm)	9500	9500
Max. Cutting Depth (mm)	21	21
Weight (kg)	1.58	5.2
Size L*W*H (mm)	296x118x125	354×118×134

G1-100



G1-100-40D



G1-115

115mm Braking Angle Grinder

Application Cutting | Metalworking | Equipment Installation | Industrial Construction | Automotive Maintenance

RFC BRUSHLESS MOTOR

- High-strength body, ultra-thin and heat-resistant and high-temperature resistant
- Auxiliary handle for stable operation
- Long battery life, high efficiency
- 800W maximum output power, efficient and powerful
- Soft start to avoid losing hands
- 135mm slim handle, balance center without tiring hands

	G1-115	G1-115-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Spindle Size (mm)	M14	M14
Grinding/Slicing Diameter (mm)	115	115
Rated Votage (V)	20	20
Motor Type	Brushless	Brushless
No-Load Speed (rpm)	9500	9500
Max. Cutting Depth (mm)	28	28
Weight (kg)	1.69	5.28
Size L*W*H (mm)	296x130x125	354×130×133

G1-115



G1-115-40D



G1-125

125mm Braking Angle Grinder

Application Cutting | Metalworking | Equipment Installation | Industrial Construction | Automotive Maintenance

RFC BRUSHLESS MOTOR

- High-strength body, ultra-thin and heat-resistant and high-temperature resistant
- Auxiliary handle for stable operation
- Long battery life, high efficiency
- 800W maximum output power, efficient and powerful
- Soft start to avoid losing hands
- 135mm slim handle, balance center without tiring hands

	G1-125	G1-125-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Spindle Size (mm)	M14	M14
Grinding/Slicing Diameter (mm)	125	125
Rated Votage (V)	20	20
Motor Type	Brushless	Brushless
No-Load Speed (rpm)	9500	9500
Max. Cutting Depth (mm)	33	33
Weight (kg)	1.7	5.38
Size L*W*H (mm)	296x138x126	354×138×134

G1-125



G1-125-40D



8408

1/4" Angle Grinde

Application Cutting | Metalworking | Equipment Installation | Industrial Construction | Automotive Maintenance

BRUSHLESS MOTOR

- Brushless motor, multi-protection controller ensures stable operation
- Dust-resistant construction for extended service life
- Ultra-quiet, low vibration
- 4-speed constant control for efficient operation
- Small body, ergonomic design

	8408	8408-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Spindle Size (mm)	M14	M14
Grinding/Slicing Diameter (mm)	125	125
Rated Voltage(V)	20	20
Motor Type	Brushless	Brushless
No-Load Speed (rpm)	9000	9000
Speed Mode	4	4
Weight (kg)	1.9	4.12
Size L*W*H (mm)	350×140×90	400×140×90

8408



8408-40D



8406

1/4" Die Grinder

Application Metalworking | Automotive Repair | Construction Engineering

- Brushless motor, multi-protection controller ensures stable operation
- Dust-resistant construction for extended service life
- Ultra-quiet, low vibration
- 4-speed constant control for efficient operation
- Small body, ergonomic design

	8406	8406-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated voltage (V)	20	20
Speed (RPM)	8000-27000	8000-27000
Motor Type	Brushless DC	Brushless DC
Speed Mode	4	4
Max. Grinding Wheel Dia. (mm)	55	55
Max. Collet Size (mm)	6	6
Weight (kg)	1.45	3.67
Size L*W*H (mm)	398×73×90	448×79×120

8406



8406-40D



8407

Surface Conditioning Tool

Application Metalworking | Woodworking

- Brushless motor, multi-protection controller ensures stable operation
- Dust-resistant construction for extended service life
- Ultra-quiet, low vibration
- 4-speed constant control for efficient operation
- Small body, ergonomic design

	8407	8407-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (v)	20	20
Speed (RPM)	1000-3500	1000-3500
Motor Type	Brushless	Brushless
Speed Mode	4	4
Wheel Size (mm)	100×115	100×115
Weight (kg)	3.10	5.32
Size L*W*H (mm)	418×170×157	468×170×157

8407



8407-40D



ROTAKE

Grinding & Polishing Tools

- Constant speed function design with stable speed
- Soft start system ensures smooth polishing process
- Safe operation guaranteed, shaft and switch can be locked with one click



Constant speed and stability fine grinding

Brushless motor

Brushless design, extending life and maintenance free

4 /6 - speed control

meet the needs of different working conditions

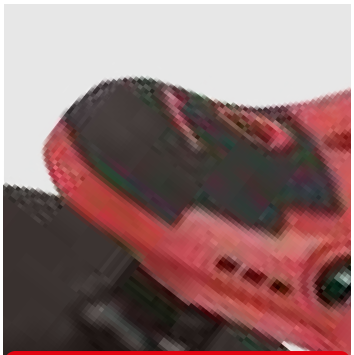
Soft grip design

comfortable grip, shock-absorbing hand protector



One-click lock switch

prevent miscontact, keep safe operation



Constant speed function design

high working efficiency



Soft start system

effective protection of operator safety



Shaft lock function

to prevent accidental rotation during loading and unloading of the disc

8701

75mm Polisher

Application Auto Cosmetic | Furniture Manufacturing

BRUSHLESS MOTOR

- Ergonomic design, soft-grip handle for comfortable operation
- Clip design, easy to replace the disc
- 2-speed control

	8701	8701-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Wheel Size (mm)	75	75
Spindle Thread	M6	M6
Rated Voltage(V)	20	20
Motor Type	Brushless DC	Brushless DC
No-Load Speed - Polishing (RPM)	0-2800	0-2800
No-Load Speed - Grinding (RPM)	0-8000	0-8000
Weight (kg)	0.88	2.95
Size L*W*H (mm)	142×68×210	142×79×260

8701



8701-40D



8703

150mm Polisher

Application Auto Cosmetic | Furniture manufacturing | Stone processing

BRUSHLESS MOTOR

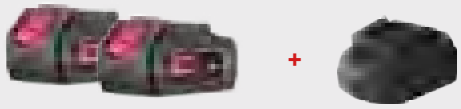
- Brushless motor for extended lifespan
- Shaft lock for easy disc replacement
- 6-speed control for versatile polishing

	8703	8703-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Wheel Size (mm)	150	150
Spindle Thread	M14	M14
Rated Voltage (V)	20	20
Motor Type	Brushless DC	Brushless DC
No-Load Speed (RPM)	150-2300	150-2300
Speed Mode	6	6
Weight (kg)	1.58	3.68
Size L*W*H (mm)	433x78x123	483×79×123

8703



8703-40D



8704

150mm Orbital Polisher

Application Auto Cosmetic | Furniture manufacturing | Stone processing

BRUSHLESS MOTOR

- Brushless motor for extended durability
- Shaft lock for quick pad changes
- 6-speed control for versatile polishing
- Eccentric motion for superior finish with foam pads

	8704	8704-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Wheel Size (mm)	150	150
Spindle Thread	M8	M8
Rated Voltage (V)	20	20
Motor Type	Brushless DC	Brushless DC
No-Load Speed (RPM)	2400-4000	2400-4000
Orbit Diameter (mm)	15	15
Speed Mode	6	6
Weight (kg)	2.03	4.15
Size L*W*H (mm)	433x125x137	483×125×137

8704



8704-40D



8705

180mm Variable Speed Polisher

Application Auto Cosmetic | Furniture manufacturing | Stone processing

BRUSHLESS MOTOR

- Safety lock switch prevents accidental activation
- Ergonomic soft-grip handle with vibration damping
- 5-speed control for versatile polishing
- D-shaped handle for stability
- Dust cover included

	8705	8705-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Wheel Size (mm)	180	180
Spindle Thread	14	14
Rated Voltage (V)	20	20
Motor Type	Brushless DC	Brushless DC
No-Load Speed (RPM)	800-2800	800-2800
Speed Mode	5	5
Weight (kg)	1.80	3.92
Size L*W*H (mm)	420x100x75	470×120×79

8705



8705-40D



8702

125mm Orbital Sander

Application Auto Cosmetic | Furniture manufacturing | Metalworking | Construction

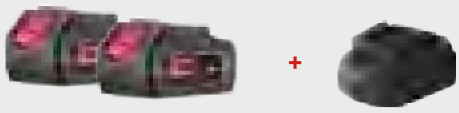
- Brushless motor for robust performance
- 6-speed control for versatile usage
- Low vibration, high grinding and high dust extraction efficiency

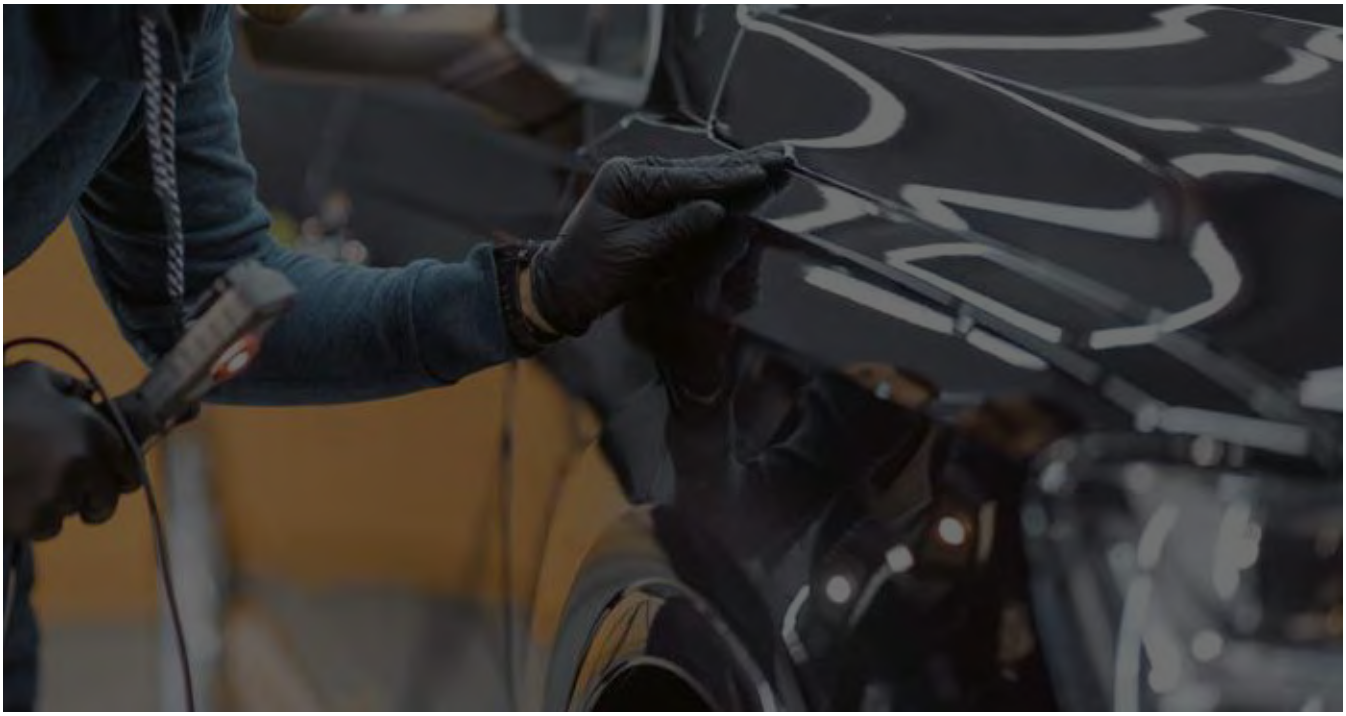
	8702	8702-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Wheel Size (mm)	125	125
Rated Voltage (V)	20	20
Motor Type	Brushless DC	Brushless DC
No-load Speed (RPM)	6000-12000	6000-12000
Speed Mode	6	6
Orbit Diameter (mm)	2.5	2.5
Weight (kg)	0.90	3.02
Size L*W*H (mm)	170x140x120	220×155×120

8702



8702-40D







Combo Kits



K201

16V 2pcs Cordless Tools Kit

Includes

- (1) T11，750Nm, 1/2″stubby Impact Wrench
- (1) D11，60Nm, 1/2″Driver Drill
- (2) 16B2 Battery，2.0Ah
- (1) 16C2 Charger
- (1) Tool Bag



K202

16V 2pcs Cordless Tools Kit

Includes

- (1) S11，180Nm, 1/4″Hex Impact Driver
- (1) D11，60Nm, 1/2″Driver Drill
- (2) 16B2 Battery，2.0Ah
- (1) 16C2 Charger
- (1) Tool Bag



K203

20V 2pcs Cordless Tools Kit

Includes

- (1) S1,260Nm, 1/4" Hex Impact Driver
- (1) D1,70Nm, 1/2" Driver Drill
- (1) 20B2 Battery, 2.0Ah
- (1) 20B4 Battery, 4.0Ah
- (1) 18C4D Dual Charger
- (1) Tool Bag



K204

20V 2pcs Cordless Tools Kit

Includes

- (1) S1,260Nm, 1/4" Hex Impact Driver
- (1) D1H,70Nm, 1/2" Hammer Drill
- (1) 20B2 Battery, 2.0Ah
- (1) 20B4 Battery, 4.0Ah
- (1) 18C4D Dual Charger
- (1) Tool Bag



K205

20V 2pcs Cordless Tools Kit

Includes

- (1) D2H, 120Nm, 1/2" Hammer Drill
- (1) S1, 260Nm, 1/4" Hex Impact Driver
- (2) 20B4 Battery, 4.0Ah
- (1) 18C4D Dual Charger
- (1) Tool Bag



K206

20V 2pcs Cordless Tools Kit

Includes

- (1) T1, 780Nm, 1/2" Compact Impact Wrench
- (1) T2,1180Nm, 1/2" Mid-Torque Impact Wrench
- (2) 20B4 Battery, 4.0Ah
- (1) 18C4D Dual Charger
- (1) Tool Bag



K207

20V 2pcs Cordless Tools Kit

Includes

- (1) T1, 780Nm, 1/2" Compact Impact Wrench
- (1) T3, 1880Nm, 1/2" High-Torque Impact Wrench
- (1) 20B4 Battery, 4.0Ah
- (1) 20B5 Battery, 5.0Ah
- (1) 18C4D Dual Charger
- (1) Tool Bag



K208

20V 2pcs Cordless Tools Kit

Includes

- (1) T2, 1180Nm, 1/2" Mid-Torque Impact Wrench
- (1) T3, 1880Nm, 1/2" High-Torque Impact Wrench
- (1) 20B4 Battery, 4.0Ah
- (1) 20B5 Battery, 5.0Ah
- (1) 18C4D Dual Charger
- (1) Tool Bag



K301

20V 3pcs Cordless Tools Kit

Includes

- (1) S1, 260Nm, 1/4" Hex Impact Driver
- (1) D2H, 120Nm, 1/2" Hammer Drill
- (1) G1-100, 800W, 100mm Angle Grinder
- (2) 20B4 Battery, 4.0Ah
- (1)18C4D Dual Charger
- (1) Tool Bag



K302

20V 3pcs Cordless Tools Kit

Includes

- (1) T2, 1180Nm, 1/2" Mid-Torque Impact Wrench
- (1) D2H, 120Nm, 1/2" Hammer Drill
- (1) G1-100, 800W, 100mm Angle Grinder
- (2) 20B4 Battery, 4.0Ah
- (1) 18C4D Dual Charger
- (1) Tool Bag



K401

20V 4pcs Cordless Tools Kit

Includes

- (1) T1, 780Nm, 1/2" Compact Impact Wrench
- (1) S1, 260Nm, 1/4" Hex Impact Driver
- (1) D2H, 120Nm, 1/2" Hammer Drill
- (1) G1-100, 800W.100mm Angle Grinder
- (2) 20B4 Battery, 4.0Ah
- (1) 18C4D Dual Charger
- (1) Tool Bag



K402

20V 4pcs Cordless Tools Kit

Includes

- (1) S1, 260Nm, 1/4" Hex Impact Driver
- (1) D2H, 120Nm, 1/2" Hammer Drill
- (1) T2, 1180Nm, 1/2" Mid-Torque Impact Wrench
- (1) G1-100, 800W, 100mm Angle Grinder
- (2) 20B4 Battery, 4.0Ah
- (1) 18C4D Dual Charger
- (1) Tool Bag

ROTAKE

Circular Saws
Jig Saws
Multi-Tools



Powerful Cutting, Efficient & Stable

Lock-off switch
Prevents accidental activation, enhancing safety

Full soft-grip handle
Reduces fatigue during operation

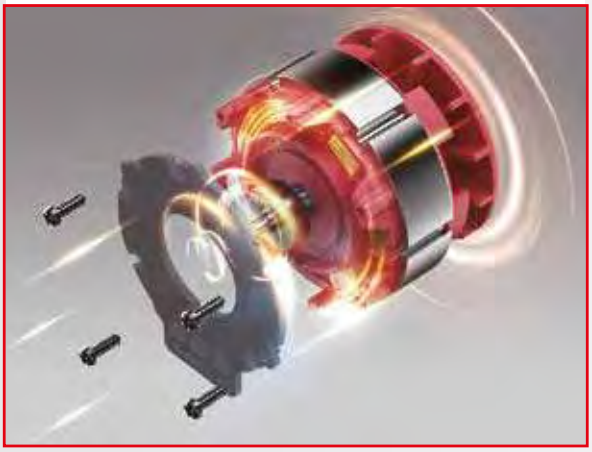


0-45° adjustable
Saw angle for versatile cutting angles

Dual guard
Contains debris and minimizes splinter hazards

High-performance

20V brushless motor delivers unmatched cutting speed



Deep-cut Capacity

68mm max depth in single pass, no re-cutting needed



8301

120mm Circular Saw

Application Forestry | Landscaping | Woodworking | Construction | Renovation

BRUSHLESS MOTOR

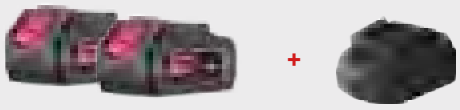
- Full soft-grip handle reduces fatigue during operation
- 0-45° adjustable saw angle for high precision and efficiency
- Dual guard contains debris and minimizes splinter hazards
- Lock-off switch prevents accidental activation
- Convenient hook design

	8301	8301-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Blade Diameter (mm)	120	120
Bore Diameter (mm)	9.5/10	9.5/10
Rated Voltage (V)	20	20
Motor Type	Brushless	Brushless
No-Load Speed (RPM)	6800	6800
Max. Cutting Capacity (0°)	45mm	45mm
Max. Cutting Capacity (45°)	32mm	32mm
Weight (kg)	1.78	3.85
Size L*W*H (mm)	375x145x155	425×145×155

8301



8301-40D



8302

165mm Circular Saw

Application Woodworking | Construction | Renovation

BRUSHLESS MOTOR

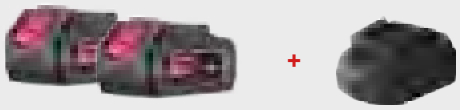
- Full soft-grip handle reduces fatigue during operation
- 0-50° adjustable saw angle for high precision and efficiency
- Dual guard contains debris and minimizes splinter hazards
- Lock-off switch prevents accidental activation

	8302	8302-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Blade Diameter (mm)	165	165
Bore Diameter (mm)	20	20
Rated Voltage (V)	20	20
Motor Type	Brushless	Brushless
No-Load Speed (RPM)	5000	5000
Max. Cutting Capacity (0°)	60mm	60mm
Max. Cutting Capacity (45°)	45mm	45mm
Weight (kg)	2.6	4.68
Size L*W*H (mm)	305x170x195	355×170×195

8302



8302-40D



8303

185mm Circular Saw

Application Woodworking | Construction | Renovation

BRUSHLESS MOTOR

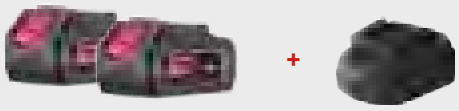
- Full soft-grip handle reduces fatigue during operation
- 0-47° adjustable saw angle for high precision and efficiency
- Dual guard contains debris and minimizes splinter hazards
- Lock-off switch prevents accidental activation
- Convenient hook design

	8303	8303-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Blade Diameter (mm)	185/190	185/190
Bore Diameter (mm)	20	20
Rated Voltage (V)	20	20
Motor Type	Brushless	Brushless
No-Load Speed (RPM)	5600	5600
185mm Max. Cutting Capacity (0°)	66mm	66mm
185mm Max. Cutting Capacity (45°)	48mm	48mm
190mm Max. Cutting Capacity (0°)	68mm	68mm
190mm Max. Cutting Capacity (45°)	50mm	50mm
Weight (kg)	3.1	5.42
Size L*W*H (mm)	323x195x191	373×195×191

8303



8303-40D



8321

Jig Saw

Application Construction | Landscaping | Home renovation

CSC BRUSHLESS MOTOR

- Quick blade change for complex cutting needs
- Variable speed to accurately match cutting speed
- 4-track adjustmen and 3 orbital settings
- LED work light for adequate illumination/ LED illumination
- 0-45° bevel angle adjustment for precise fit

	8321	8321-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Stroke Length (mm)	25.4	25.4
Rated Voltage (V)	20	20
Motor Type	Brushless	Brushless
No-Load Reciprocating Rate (RPM)	0-3500	0-3500
Max. Cutting Capacity-Wood (mm)	135	135
Max. Cutting Capacity-Aluminum (mm)	20	20
Max. Cutting Capacity-Steel (mm)	10	10
Weight (kg)	2.10	4.22
Size L*W*H (mm)	240×210×80	290×210×80

8321



8321-40D



8331

Multi-Tool

Application Construction | Woodworking | Renovation

CSC BRUSHLESS MOTOR

- Low vibration and noise levels
- 6-speed control for versatile applications
- Large oscillation angle combined with constant speed function significantly enhances work efficiency
- Quick-change system, easy and fast accessory changes, compatible with both closed and open interfaces
- Integrated LED work Light for ample illumination

	8331	8331-20D
Battery	—	2.0Ahx2
Charger	—	2.5A×1
Oscillation Angle (°)	4	4
Rated Voltage (V)	20	20
Motor Type	Brushless	Brushless
No-Load Speed (RPM)	9000-21000	9000-21000
Weight (kg)	1.05	2.63
Size L*W*H (mm)	309×112×73	339×120×79

8331



8331-20D





ROTAKE

Nailers and Staplers
Routers
Planers



8561

18GA Brad Nailer/Stapler

Application Woodworking, Renovation, Construction

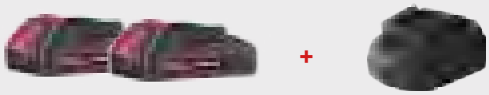
- 2-in-1 for both staples and nails
- Contact safety switch depress to fire, safe for users to avoid misuse or unintended firing
- Impact adjustable
- No-mar nose tip, reduce damage to wood
- Easy jam release mechanism

	8561	8561-20D
Battery	—	2.0Ahx2
Charger	—	2.5Ax1
Wire Gauge (GA)	18(W1.25*T1.0mm)	18(W1.25*T1.0mm)
Rated Voltage (V)	20	20
Motor Type	Brush DC	Brush DC
Rated Firing Speed (pcs/min)	≤20	≤20
Max. Loading Capacity (pcs)	100	100
Crown Width-Staple(mm)	5.7	5.7
Staple Length-Staple (mm)	15-22	15-22
Brad Width-Type F (mm)	2.0	2.0
Nail Length-Type F (mm)	15/20/25/30/32	15/20/25/30/32
Weight (kg)	2.12	3.7
Size L*W*H (mm)	260×70×220	290×79×220

8561



8561-20D



8573

Compact Router

Application Woodworking, Renovation, Construction

BRUSHLESS MOTOR

- Powerful brushless motor foe robust performance and extended service life
- 5-speed dial adjustment for precise control
- Smooth start-up enhances safety and operating comfort
- Two-step safety switch prevents accidental activation

	8573	8573-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Collet Size (mm)	6/6.35/8	6/6.35/8
Rated Voltage (V)	20	20
Motor Type	Brushless DC	Brushless DC
Cutting Depth (mm)	0-8	0-8
No-Load Speed (RPM)	10000-30000	10000-30000
Weight (kg)	1.36	3.48
Size L*W*H (mm)	177×118×65	227×79×220

8573



8573-40D



8572

Planer

Application Woodworking, Renovation, Construction

- Safety Switch
- Comprehensive protection system against over-voltage, over-current, and overload
- Rear baseplate can be lifted at the tail to effecitively protect the workpiece surface
- Powerful brushless motor

	8572	8572-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Planing width (mm)	82	82
Rated Voltage (V)	20	20
Motor Type	Brushless DC	Brushless DC
Cutting Depth (mm)	0-2	0-2
No-Load Speed (RPM)	15000	15000
Weight (kg)	2.37	4.49
Size L*W*H (mm)	290×157×170	340×157×170

8572



8572-40D





ROTAKE

Cutting Tools

Sabre Saws

Reciprocating Saws



8311

Sabre Saw

Application Construction | Landscaping | Emergency rescue | Industrial manufacturing

CSC BRUSHLESS MOTOR

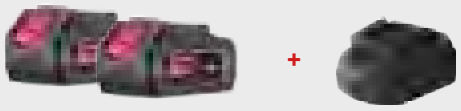
- Tool-free blade change for a variety of cutting needs
- Constant speed control, high-speed cutting
- LED work light for adequate illumination

	8311	8311-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Stroke Length (mm)	26	26
Rated Voltage (V)	20	20
Motor Type	Brushless DC	Brushless DC
No-Load Reciprocating Rate (RPM)	0-3000	0-3000
Max. Cutting Capacity- Wood (mm)	200	200
Max. Cutting Capacity- Metal Pipe (mm)	100	100
Max. Cutting Capacity-Aluminum (mm)	20	20
Max. Steel Cutting Depth (mm)	15	15
Weight (kg)	1.68	3.8
Size L*W*H (mm)	335x65x135	385x79x135

8311



8311-40D



8312

Reciprocating Saw

Application Construction | Landscaping | Automotive repair | Home renovation

BRUSHLESS MOTOR

- Full soft-grip handle reduces fatigue during operation
- Quick blade change for complex cutting needs
- Safety lock switch prevents accidental activation, more secure storage

	8312	8312-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Stroke Length (mm)	26	26
Rated Voltage (V)	20	20
Motor Type	Brushless DC	Brushless DC
No-Load Reciprocating Rate (RPM)	0-3000	0-3000
Max. Cutting Capacity- Wood (mm)	200	200
Max. Cutting Capacity- Metal (mm)	100	100
Max. Cutting Capacity-Aluminum (mm)	20	20
Max. Cutting Capacity-Steel (mm)	15	15
Weight (kg)	1.83	3.95
Size L*W*H (mm)	390×75×160	390×79×210

8312



8312-40D



ROTAKE

Specialty Tools

- Spray Guns
- Heat Guns
- Caulking Guns
- Air Inflators
- Grease Guns
- Air Compressors
- Jobsite Fans
- Shears
- Tile Vibrators
- Storages



8552

HVLP Paint Sprayer

Application Renovation, Furniture Manufacturing, Metal & Ironwork, Automotive Maintenance

BRUSHLESS MOTOR

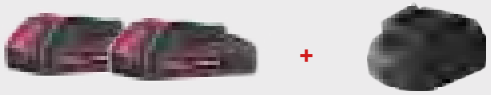
- Brushless motor provides more stable performance and better life spec
- Adjustable nozzle provides 3 different types of spray patterns: vertical, horizontal, and circular
- Adjustable knob to regulate paint flow
- Nozzle tip detachable for cleaning or replacement
- Soft grip handle

	8552	8552-20D
Battery	—	2.0Ahx2
Charger	—	2.5Ax1
Nozzle Size (mm)	2.0 COPPER	2.0 COPPER
Rated Voltage (V)	20	20
Motor Type	Brushless DC	Brushless DC
Cup Capacity (ml)	900	900
Flow Rate (ml/min)	850	850
Max. Viscosity (Din-s)	100	100
Weight (kg)	1.1	2.68
Size L*W*H (mm)	310×130×270	310×130×270

8552



8552-20D





8514

Heat Gun

Application Automotive Repair | Electronics Repair | Home Renovation | Craft Making etc.

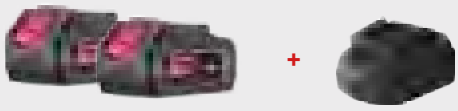
- Compact Body Design
- Innovative Honeycomb Heating Technology & Electronic Control to achieve optimal operating temperature in just 5 seconds
- Quick-Change Nozzle Design

	8514	8514-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Temperature (℃)	550	550
Air Flow (L/min)	200L/M	200L/M
Rated Voltage (V)	20	20
Motor Type	Brush DC	Brush DC
Weight (kg)	0.60	2.18
L*W*H (mm)	205x70x170	205x79x220

8514



8514-40D



8524

Heat Gun

Application Automotive Repair | Electronics Repair | Home Renovation | Craft Making etc.

LCD

- Cordless and compact size
- LCD display
- LED light
- Innovative cellular heating technology and electronic control
- 10 seconds to heat up to 300℃, 50 seconds to 550℃
- Nozzle ejector
- Foldable hanging hook

	8524	8524-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Temperature (℃)	I: 30-400 II: 30-550	I: 30-400 II: 30-550
Air Flow (L/M)	I: 100 II: 200	I: 100 II: 200
Rated Voltage (V): 20	20	20
Motor Type : Brush DC	Brush DC	Brush DC
Weight (kg)	0.65	2.23
L*W*H (mm)	165X75X220	165X79X270

8524



8524-40D



8512

Hot Glue Gun

Application Home crafts | Appliance repair | Woodworking

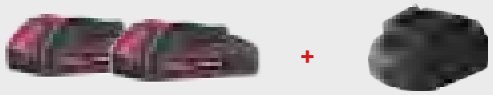
- Heating up to 150°C in 4 minutes
- High glue output efficiency : 8.5g/min
- LED light to improve visibility
- Large trigger for two-finger operation
- Ergonomically-designed rubberized soft grip

	8512	8512-20D
Battery	—	2.0Ahx2
Charger	—	2.5Ax1
Glue Stick Dia. (mm)	11	11
Max. Temperature(℃)	200	200
Preheating Time (min)	3	3
Rated Voltage (V)	20	20
Weight (kg)	0.36	1.94
L*W*H (mm)	213×72×184	213×79×214

8512



8512-20D



8511

Caulking Gun

Application Automotive Repair | Electronics Maintenance | Home Renovation | Industrial Manufacturing

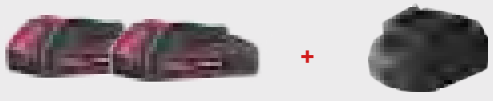
- 360° rotating glue stick holder for omnidirectional operation
- Auto-reverse function to minimize glue drips and waste
- Variable-speed control to adjust glue flow for even, consistent bonding
- Bright LED light illuminates the workspace
- Built-in cleaning needle to easily clear clogs in the glue gun

	8511	8511-20D
Battery	—	2.0Ahx2
Charger	—	2.5A×1
Max.Pushing Force (N)	2000	2000
Loading Capacity (ml)	300/800	300/800
Rated Voltage (V)	20	20
Motor Type	Brush DC	Brush DC
Rated Speed (mm/min)	50-560	50-560
Weight (kg)	1.95	3.55
L*W*H (mm)	430×110×310	430×110×340

8511



8511-20D



8518

Air Inflator

Application Automotive Tire Repair, Other Inflatable Items

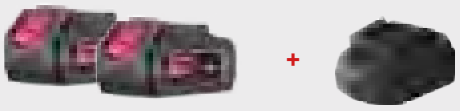
- Digital display with automatic shut-off upon reaching preset pressure
- Multi function: Inflation and Deflation
- Available for 12V Cigar-lighter

	8518	8518-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Motor Type	Brush DC	Brush DC
Max. Pressure (psi/bar)	160/11	160/11
Pump hose (mm)	790	790
Air Pump (L/min)	360	360
Weight (kg)	1.66	3.83
L*W*H (mm)	310×160×190	310×210×190

8518



8518-40D



8528

Air Pump

Application Automotive Tire Repair, Other Inflatable Items

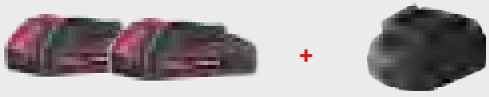
- Digital display with automatic shut-off upon reaching preset pressure
- Lightweight and portable, with convenient operation
- Soft rubber grip design for safe and comfortable use

	8528	8528-20D
Battery	—	2.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Motor Type	Brush DC	Brush DC
Max. Pressure (psi/bar)	160/11	160/11
Length of Inflation Hose (mm)	500	500
Weight (kg)	0.75	2.33
L*W*H (mm)	190×70×220	190×79×250

8528



8528-20D



8516

Grease Gun

Application Agricultural & Forestry Machinery | Railway Engineering | Mechanical Maintenance & Lubrication etc.

- Variable speed control to meet different greasing needs with precision
- High-capacity pump to deliver high-output performance
- Built-In LED Light

	8516	8516-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Max. Pressure (psi)	10000	10000
Oil Drum Capacity (ml)	420	420
Oil Tank Capacity (oz)	14.5 (410g)	14.5 (410g)
Oil injection Speed (g/min)	MAX280	MAX280
Weight (kg)	3.50	5.82
L*W*H (mm)	390x95x260	390x95x260

8516



8516-40D



8519

Air Compressor

Application Pneumatic Tools | Painting | Automotive Repair & Construction etc.

- Adjustable pressure to precisely meet diverse pressure output needs
- Powerful performance to deliver strong air pressure, perfect for a wide range of industrial applications

	8519	8519-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Max. Pressure (bar)	8	8
Max. Pressure (psi)	116	116
Max. Power Output (W)	290	290
Capacity (L)	4	4
Air Displacement (L/min)	53	53
Weight (kg)	7.46	10.3
L*W*H (mm)	350x260x270	350x260x270

8519



8519-40D



8521

Air Fan

Application Factory Workshops | Warehouses | Construction Sites etc.

- Large blades, powerful airflow
- Versatile installations such as wall-mounted, floor-standing, or desktop options to suit any space

	8521	8521-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
No-Load Speed (rpm)	1600/2500	1600/2500
Blade Diameter (mm)	240	240
Weight (kg)	2.35	4.77
L*W*H (mm)	360x260x360	360x260x360

8521



8521-40D



8521A

Air Fan

Application Factory Workshops | Warehouses | Construction Sites etc.

- Waterproof design suitable for more scenarios
- Spray dust reduction function, eco-friendly
- Multi-speed adjustable

	8521A	8521A-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Blade Diameter (mm)	190	190
Max.Blow Speed (M)	7.5m/s	7.5m/s
Blades (pcs)	3	3
Speed level	3	3
Misting level	3	3
Water Mist Volume (ml/min)	100	100
IP Rating	IPX4	IPX4
Weight (kg)	2.20	4.62
L*W*H (mm)	336x288x364	336x288x364

8521A



8521A-40D



8517

Shears

Application Gardening & Agriculture | Light Manufacturing etc.

BRUSHLESS MOTOR

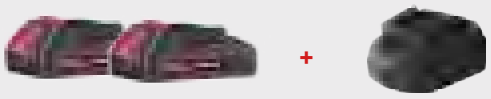
- Powerful performance with strong cutting force
- One-button start for user-friendly operation
- Safe and reliable, multi-layer protection with anti-misoperation design

	8517	8517-20D
Battery	—	2.0Ahx2
Charger	—	2.5Ax1
Rated Voltage (V)	20	20
Cutting Speed (S)	0.3	0.3
Shearing Capacity-Fresh Branches (mm)	30	30
Weight (kg)	1.28	2.86
L*W*H (mm)	280x64x115	280x79x120

8517



8517-20D



8582

Tile Vibrator

Application Renovation, Construction

BRUSHLESS MOTOR LED

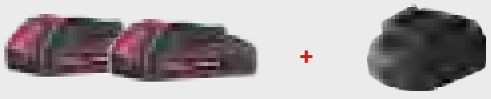
- Suitable for below 1.5 meters ceramic tiles
- Front large touch control screen, easy and sensitive operation, real-time display of working gears
- Metal trigger switch features flexible operation, long service life and easy maintenance
- Built-in intelligent IC control system with 0.5-second soft start, which protects battery instantaneous current and reduces motor power consumption
- Double-click the power button to turn on/off the light

	8582	8582-20D
Battery	—	2.0Ahx2
Charger	—	2.5Ax1
Sucker diameter (MM)	123	123
Rated Voltage (V)	20	20
Vibration frequency (RPM)	4000-14000	4000-14000
Vibration intensity	10 Gears	10 Gears
Max. Adsorption Capacity (kg)	60	60
Weight (kg)	3.28	4.58
L*W*H (mm)	395×150×135	425×150×135

8582



8582-20D



Storage

3101



ITEM	Outside Dimensions(mm)	Inside Dimensions(mm)	Weight	Net
3101	600×500×980	-	-	19.2
3101-6	420×280×140	368×240×104	25	1.4
3101-5	420×280×140	368×240×104	25	1.4
3101-4	420×280×240	368×240×204	25	1.8
3101-3	560×430×140	522×358×92	45	3
3101-2	560×430×260	522×358×211	60	3.9
3101-1	600×500×500	498×357×358	135	9.7

3101-6



3101-5



3101-4



3101-3



3101-2



3101-1



3102



3103



ITEM	Outside Dimensions(mm)	Inside Dimensions(mm)	Weight Capacity(kg)	Net Weight (kg)
3102	590×470×990	-	-	19.55
3102-4	540×330×115	460×270×89	10	3.15
3102-3	540×330×185	485×275×116	15	3.29
3102-2	540×330×310	488×280×260	20	4.28
3102-1	580×470×410	488×338×364	30	8.82

ITEM	Outside Dimensions(mm)	Inside Dimensions(mm)	Weight Capacity(kg)	Net Weight (kg)
3103	560×450×850	-	-	16.5
3103-3	560×340×155	500×250×115	25	3
3103-2	560×340×310	500×250×265	35	4
3103-1	560×390×380	500×280×335	50	9.5

ROTAKE

Cleaning

Blowers

Dust Blowers

Vacuum Cleaners



8513

Blower

Application Household Use, Woodworking etc.

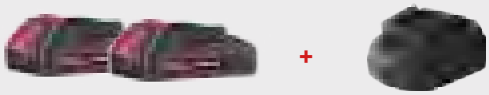
- Three-speed control switch for precise airflow adjustment
- Variable-speed trigger for flexible control of the blowing power
- Trigger locking function effectively reduces hand fatigue

	8513	8513-20D
Battery	—	2.0Ahx2
Charger	—	2.5Ax1
Rated Voltage (V)	20	20
Motor Type	Brush DC	Brush DC
Air Speed (m/s)	⩾70	⩾70
Rated Speed (RPM)	18000	18000
Weight (kg)	1.08	2.96
L*W*H (mm)	550×140×310	550×140×340

8513



8513-20D



8523

Brushless Blower

Application Household Use, Woodworking etc.

BRUSHLESS MOTOR

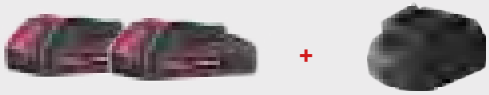
- Upgraded power system delivery 220CFM & 140MPH,making it ideal for clearing hard surfaces like a driveway or sidewalk
- The compact and lightweight design reduces fatigue and increases control, making this blower easy for anyone to handle

	8523	8523-20D
Battery	—	2.0Ahx2
Charger	—	2.5Ax1
Rated Voltage (V)	20	20
Motor Type	Brushless DC	Brushless DC
Air Speed (m/s)	63	63
Air Volume (L/s)	104	104
Weight (kg)	0.95	2.83
L*W*H (mm)	355x85x250	355x85x280

8523



8523-20D



8539

Dust Blower

Application Auto Maintenance, Outdoor Work, Home Use, Industrial Maintenance

BRUSHLESS MOTOR

- Variable speed control
- 4 stage air volume; selectable according to your application
- 0-77200 rpm wind speeds can effortlessly remove dust and debris from computers, desks, window crevices etc
- High-Powered: The handheld air blower is with brushless motor, better performance and longer service life

	8539	8539-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Motor Type	Brushless DC	Brushless DC
Max air velocity (m/s)	0-200	0-200
Air volume (m^3/min)	0-1.1	0-1.1
Air pressure (kPa)	22.88	22.88
Weight (kg)	0.70	2.82
L*W*H (mm)	170×85×250	170×85×300

8539



8539-40D



8515

Vacuum Cleaner

Application Interior Car Cleaning | Home Renovation | Household Use | Woodworking etc.

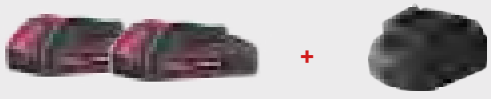
- Precise locking and easy switching
- Easy assembly and disassembly

	8515	8515-20D
Battery	—	2.0Ahx2
Charger	—	2.5A×1
Dust Cup Capacity (ml)	500	500
Vacuum (kPa)	≥7.3	≥7.3
Rated Voltage (V)	20	20
Motor Type	Brush DC	Brush DC
Filtration	Non-woven Fabric Filter Bag	Non-woven Fabric Filter Bag
Weight (kg)	0.92	2.9
L*W*H (mm)	430x135x150	430x135x170

8515



8515-20D



8525

Vacuum Cleaner

Application Interior Car Cleaning | Home Renovation | Household Use | Woodworking etc.

- · High speed （100000 RPM） Brushless Motor
- · Constant power keep high suction power, great for home use and worksite use
- · HIGH/LOW position suit for different use
- · Easily accessible, washable/reusable filter; tap or water rinse to clean

	8525	8525-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Dust cup capacity (ml)	700	700
Vacuum (kPa)	≥21	≥21
Rated Voltage (V)	20	20
Motor Type	Brushless DC	Brushless DC
Filtration	HEPA	HEPA
Weight (kg)	1.30	3.72
L*W*H (mm)	461×131×208	480×131×208

8525



8525-40D



8535

Wet/Dry Vaccum Cleaner

Application Home Renovation | Household Use | Woodworking etc.

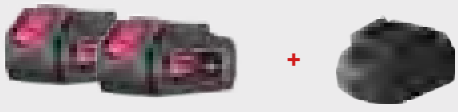
- · High-performance motor enables efficient cleaning of both wet and dry spills
- · HEPA filtration system traps 99.95% 0.33μm of fine dust and allergens, providing a cleaner and healthier workspace
- · Vacuuming&Blowing for easy portability and organization

	8535	8535-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Dust cup capacity (ml)	7500	7500
Vacuum (kPa)	≥18	≥18
Rated Voltage (V)	20	20
Motor Type	Brushless DC	Brushless DC
Filtration	HEPA	HEPA
Weight (kg)	3.60	6.02
L*W*H (mm)	400×253×306	400×253×306

8535



8535-40D



ROTAKE

Lights

Work Lights



8520

Worklight

Application Auto Repair | Construction Sites | Home Renovation etc.

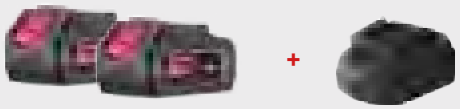
- High brightness powered by advanced lighting technology
- Adjustable head and body to flexible angles
- Good functions of waterproof & dustproof

	8520	8520-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Power (watts)	10/20/30	10/20/30
Effective Lumens (lm)	800/1700/2200	800/1700/2200
Tilt Angle (°)	0-360	0-360
Weight (kg)	1.58	4.0
L*W*H (mm)	250x220x230	250x220x230

8520



8520-40D



8591

Foldable Work Light

Application Auto Repair | Construction Sites | Home Renovation etc.

- Multi-angle, easy to adjust. Supports 360° horizontal rotation and 180° vertical flip
- Multiple accessories for wide application. Equipped with hook and belt clip for different scenarios
- Multi-speed dimmable. Three brightness levels: 100% - 50% - 10%.
- Stable light output with constant current. Uniform brightness, long-lasting and consistent

	8591	8591-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Power (watts)	7	7
Lumens (lm)	1000 (100%-50%-10%)	1000 (100%-50%-10%)
Color temperature (K)	6500	6500
CRI	80	80
LED Type	SMD	SMD
Weight (kg)	0.27	2.39
L*W*H (mm)	109x90x172	109x90x222

8591



8591-40D



8592

Compact Site Light

Application Auto Repair | Construction Sites | Home Renovation etc.

- Automatically turns off after 15 seconds of inactivity to prevent overheating
- High hardness and impact resistance. The body is made of aluminum alloy with die-casting process
- Dual adjustable brightness levels: 100% - 50%
- Stable light with constant current output. Uniform brightness, long-lasting and consistent
- Excellent waterproof and heavy-duty protection. Safe for outdoor use

	8592	8592-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Power (watts)	28	28
Lumens (lm)	3000 (100%-50%)	3000 (100%-50%)
Color temperature (K)	6500	6500
CRI	80	80
LED Type	COB	COB
Weight (kg)	1.38	3.5
L*W*H (mm)	227x159x179	227x159x179

8592



8592-40D



8593

Low-Profile Light

Application Auto Repair | Construction Sites | Home Renovation etc.

- High hardness and impact resistance. The body is made of aluminum alloy with die-casting process
- Multi-level dimmable. Four brightness levels: 100% - 75% - 50% - 25%
- Stable light with constant current output. Uniform brightness, long-lasting and consistent
- Strong waterproof performance and heavy-duty protection. Safe and reliable for outdoor use

	8593	8593-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Power (watts)	45	45
Lumens (lm)	5000 (100%-75%-50%-25%)	5000 (100%-75%-50%-25%)
Color temperature (K)	6500	6500
CRI	80	80
LED Type	COB	COB
Weight (kg)	1.49	3.81
L*W*H (mm)	265x246x178	265x246x178

8593



8593-40D



8594

Soft Work Light

Application Auto Repair | Construction Sites | Home Renovation etc.

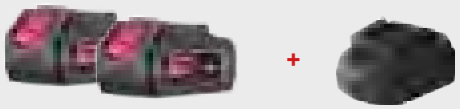
- Soft light, eye-friendly
- PC diffuser panel and flicker-free circuit design, no glare even when viewed directly, no fatigue during long-time use
- Multi-level dimmable. Four brightness levels: 100% - 75% - 50% - 25%, with memory function

	8594	8594-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Power (watts)	45	45
Lumens (lm)	5000 (100%-75%-50%-25%)	5000 (100%-75%-50%-25%)
Color temperature (K)	5750	5750
CRI	80	80
LED Type	SMD	SMD
Weight (kg)	1.32	3.64
L*W*H (mm)	203x262x166	203x262x166

8594



8594-40D



8595

High-brightness Soft Work Light

Application Auto Repair | Construction Sites | Home Renovation etc.

- Soft light, eye-friendly
- PC diffuser panel and flicker-free circuit design, no glare even when viewed directly, no fatigue during long-time use
- Multi-level dimmable. Four brightness levels: 100% - 75% - 50% - 25%, with memory function

	8595	8595-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Power (watts)	80	80
Lumens (lm)	10000 (100%-75%-50%-25%)	10000 (100%-75%-50%-25%)
Color temperature (K)	6500	6500
CRI	80	80
LED Type	SMD	SMD
Weight (kg)	2.30	4.62
L*W*H (mm)	265x340x183	265x340x183

8595



8595-40D



8596

Site Light

Application Auto Repair | Construction Sites | Home Renovation etc.

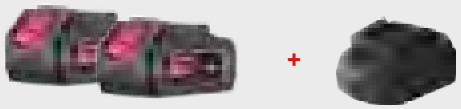
- Full Coverage, no dark spots. 360° wide-range uniform lighting, with a matte finish that emits glare-free light
- High Hardness, impact Resistant. High-strength nylon material, IK09 rating, can withstand 10J of impact
- Dual power supply, uninterrupted operation. Battery and AC power option for uninterrupted use
- Multiple brightness levels with adjustable dimming: 100% - 75% - 50% -25%
- Stable light output with constant current regulation. Uniform brightness and long-lasting stability
- Waterproof and heavy-duty protection. Reliable for outdoor use

	8596	8596-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Power (watts)	80	80
Lumens (lm)	10000 (100%-75%-50%-25%)	10000 (100%-75%-50%-25%)
Color temperature (K)	6500	6500
CRI	80	80
LED Type	SMD	SMD
Weight (kg)	3.30	5.72
L*W*H (mm)	247x247x350	247x247x350

8596



8596-40D



8597

Tower Light

Application Auto Repair | Construction Sites | Home Renovation etc.

- Compact and portable design. Stored length: 71cm; Extended height: 173cm
- Versatile design for wide use. Integrates telescopic, rotating, handheld and foot switch functions
- Sturdy construction with stable performance. Full nylon plastic housing, IK08 rated
- Stable light with constant current output. Uniform brightness, long-lasting and consistent
- Excellent waterproof and heavy-duty protection. Safe and reliable for outdoor use

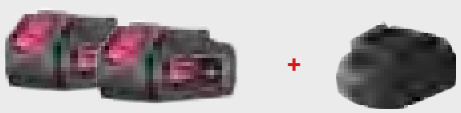
	8597	8597-40D
Battery	—	4.0Ahx2
Charger	—	2.5A×1
Rated Voltage (V)	20	20
Power (watts)	45	45
Lumens (lm)	6000 (100%-75%-50%-25%)	6000 (100%-75%-50%-25%)
Color temperature (K)	6500	6500
CRI	80	80
LED Type	SMD	SMD
Weight (kg)	2.90	5.32
L*W*H (mm)	708x141x132	708x141x132

8597





8597-40D



Icon Index of Cordless Tools

Brushless Motor
Electronic commutation, carbon brush-free design

Integrated Die-casting Technology
Three-in-one die casting design: gearbox housing, output shaft sleeve, and washer integrated into one seamless unit

Electronic Anti-twist/ Anti-kickback Technology
Gyroscope monitors tool acceleration in real-time, automatically stopping if it exceeds set limits

Smart Control Mode / Smart Screw Gear
Smart Control: Auto-stop when tightening, speed reduction when loosening.
Smart Screw Gear: Auto-stop when tightening under special working conditions.

LED Shadowless Light Illumination System
With two or more LEDs integrated

LED Lighting Lamp

Stepless switch between variable speed modes

IPX5 Waterproof

Drilling

Screwing

Impact Drilling

Flat Chisel Rotation

Hammering

Hammer Drilling

Constant Speed Control
Maintains a steady operating speed for precise output control

Soft Start
The starting process is from slow to fast to avoid sudden high-speed start

Restart Protection
Prevents the tool from starting when inserting the battery while the switch is on

Overload Protection
The tool shuts down when exceeding safe operating limits

AVS Shock Absorption System

SDS plus Quick Change System

Electronic Brake

Forward and Reverse Rotation

Overcharge Protection

Overdischarge Protection

Overcurrent Protection

Short Circuit Protection

Overheating Protection

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