ROTAKESA

TOOLS CHANGE THE WORLD.

2025 Product Catalogue

Industrial Smart Cordless Tools

The New Generation of

Smart Cordless Tools

Rotake boasts strategic partners and sales & service networks in **83** countries and regions



BRUSHLESS MOTOR 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 reduce 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 application.



IDC 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.



RFC 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.

20V New
Smart Battery Platform

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 are selected to ensure the strong output of high-power products.
High energy density design supports long-term 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, over-discharge, and over-temperature 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,PES,KC,UL etc.

High Performance, Low Temperature Resistance

The low temperature environment of -20℃ can still provide reliable and strong output.

Reliable Structure

light-weight and compact design. The bottom of the shell is rubber-coated, maximum operator confort and slip-resistant.
Passed 2m drop test, drop-resistant and crash-resistant.



2x 6.0Ah Batteries
20B6
121*79*89 mm
0.97kg



4.0A Fast Charger
18C4

Charging Time



Battery \ Charger	18C2.5	18C4	18C2D	18C4D
20B2	58 min	36 min	72 min	36 min
20B4	116 min	72 min	144 min	72 min
20B5	144 min	92 min	180 min	92 min
20B6	172 min	110 min	216 min	110 min
20B8	230 min	144 min	288 min	144 min



1x 8.0Ah Batteries
20B8
136*87*80 mm
0.98kg



4.0A Fast Charger
18C4

Charging Time



Battery \ Charger	18C2.5	18C4	18C2D	18C4D
20B2	58 min	36 min	72 min	36 min
20B4	116 min	72 min	144 min	72 min
20B5	144 min	92 min	180 min	92 min
20B6	172 min	110 min	216 min	110 min
20B8	230 min	144 min	288 min	144 min



One battery, more tools!

New Generation 16V

Battery Platform

Compact and Powerful



2.0Ah 16B2
51*51*84mm
0.24kg



4.0Ah 16B4
99.5*74*106mm
0.44kg



Charger 16C2
131*80*52mm
0.24kg

72 mins Full charge for 2.0Ah Battery

ROTAKESA

Impact Wrenches

SMARTER STRONGER TOUGHER



- Smart control, automatic stop when tightening, speed reduction when loosening.
- Brushless motor, strong power, equipped with a new 18V smart charging platform, longer battery life and efficient operation.
- Forward and reverse modes, three gears to switch at will.
- Front shadowless dual LED lights, delayed LED off, and smart standby.

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 Smart Impact Wrench

Max. Fastening Torque
380Nm

Body Smaller
20%

Weight Lighter
15%

Scaffolding Expert

- Smart control, stop when tightened
- Forward and reverse mode, 2-speed to switch
- Brushless motor, strong power
- Intergrated front LED shadowless light

T1S

1/2" Lightweight Impact Wrench

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

BRUSHLESS MOTOR

Square Size (inch)	1/2"
Rated Votage (V)	20
Motor Type	Brushless DC
No-Load Speed (RPM)	2700
Impact Per Minute (IPM)	4100
Max. Fastening Torque (Nm)	380
Nut Busting Torque (Nm)	**580**
Net Weight (Kg)	1.00
L*W*H Without Battery (mm)	140×76×200



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



Square Size (inch)	1/2"
Rated Voltage (V)	16
Motor Type	Brushless DC
No-load Speed (RPM)	2700/2000/1400
Impact Per Minute (IPM)	3200/2400/1600
Max. Fastening Torque (Nm)	520
Nut Busting Torque (Nm)	**750**
Net Weight (Kg)	0.98
L*W*H Without Battery (mm)	124×66×208

T2S

1/2" Mid-Torque Impact Wrench

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

IDC BRUSHLESS MOTOR

- 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



Square Size(inch)	1/2"
Rated Votage (V)	20
Motor Type	Brushless DC
No-Load Speed (RPM)	2500/2000/1500
Impact Per Minute (IPM)	2700/2200/1600
Max. Fastening Torque (Nm)	900
Nut Busting Torque (Nm)	**1180**
Net Weight (Kg)	1.75
L*W*H Without Battery (mm)	170×76×217



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 brother, 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

T2

1/2" Mid-Torque Impact Wrench

Tire Service, the Best

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

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	T2-60D
Battery	—	4.0Ahx2	6.0Ahx2
Charger	—	2.5A×1	2.5A×1
Square Size (Inch)	1/2"	1/2"	1/2"
Rated Voltage (V)	20	20	20
No-Load Speed (RPM)	2500/2000 /1500	2500/2000 /1500	2500/2000 /1500
Impact Per Minute (IPM)	2700/2200 /1600	2700/2200 /1600	2700/2200 /1600
Max. Fastening Torque (Nm)	900	900	900
Nut Busting Torque (Nm)	**1180**	**1180**	**1180**
Weight (Kg)	1.85	3.20	3.75
Size L*W*H (mm)	170x76x228	170x76x277	170x76x297



T1

1/2" Compact Impact Wrench

Small Body, Hercules

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	T1-60
Battery	—	4.0Ah×2	6.0Ah×1
Charger	—	2.5A×1	2.5A×1
Square Size (Inch)	1/2"	1/2"	1/2"
Rated Voltage (V)	20	20	20
No-Load Speed (RPM)	2700/2200/1700	2700/2200/1700	2700/2200/1700
Impact Per Minute (IPM)	3700/3000/2300	3700/3000/2300	3700/3000/2300
Max. Fastening Torque (Nm)	580	580	580
Nut Busting Torque (Nm)	**780**	**780**	**780**
Weight (Kg)	1.20	2.55	2.15
Size L*W*H (mm)	133x76x211	133x76x261	133x76x280



T3

1/2" High-Torque Impact Wrench

The 1/2" Impact Wrench KING

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	T3-60D
Battery	—	4.0Ahx2	6.0Ahx2
Charger	—	2.5A×1	2.5A×1
Square Size (Inch)	1/2"	1/2"	1/2"
Rated Voltage (V)	20	20	20
No-Load Speed (RPM)	1800/1500/1000	1800/1500/1000	1800/1500/1000
Impact Per Minute (IPM)	2300/1800/1400	2300/1800/1400	2300/1800/1400
Max. Fastening Torque (Nm)	1200	1200	1200
Nut Busting Torque (Nm)	**1880**	**1880**	**1880**
Weight (Kg)	2.90	4.25	4.75
Size L*W*H (mm)	206x85x231	206x85x281	206x85x300

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	T4-40D	T4-60D	T4-80D
Battery	—	4.0Ahx2	6.0Ahx2	8.0Ahx2
Charger	—	2.5A×1	2.5A×1	2.5A×1
Square Size (Inch)	3/4"	3/4"	3/4"	3/4"
Rated Voltage (V)	20	20	20	20
No-Load Speed (RPM)	1800/1500/1000	1800/1500/1000	1800/1500/1000	1800/1500/1000
Impact Per Minute (IPM)	2300/1800/1400	2300/1800/1400	2300/1800/1400	2300/1800/1400
Max. Fastening Torque (Nm)	1300	1300	1300	1300
Nut Busting Torque (Nm)	**1980**	**1980**	**1980**	**1980**
Weight (Kg)	2.95	4.30	4.80	4.90
Size L*W*H (mm)	213x85x231	213x85x281	213x85x300	213x85x288

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	无	8.0Ahx2
Charger	无	2.5A×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	5.45
Size L*W*H (mm)	215x92x235	215x92x292



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	无	8.0Ahx2
Charger	无	2.5A×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	5.60
Size L*W*H (mm)	225x92x235	225x92x292





Redefining Industrial Power

ROTAKESA

Only **10.5Kg** Lightweight

4000 N.m
Heavy Duty Power



Max. Nut-busting Torque
Up to 4000Nm
Power comparable to 1" pneumatic impact products

For Truck and Industrial Applications
Wireless force, flexible utilization

Easy Operation, Smart Control
2-speed control + Smart automatic stop, one-button forward and reverse

Dual Battery Packs Provide Longer Life
Save working time and increase efficiency

Switching Infinitely Variable Speed

IPX5 Waterproof Design

Overload Protection for Mainframe

Easy Control of Forward and Reverse

One-button control of forward and reverse mode, easy to change the operating requirements



Battery Pack Cushioning & Vibration Damping Structure

Extends the life of the battery pack on the mainframe



T9

1" High Torque Impact Wrench

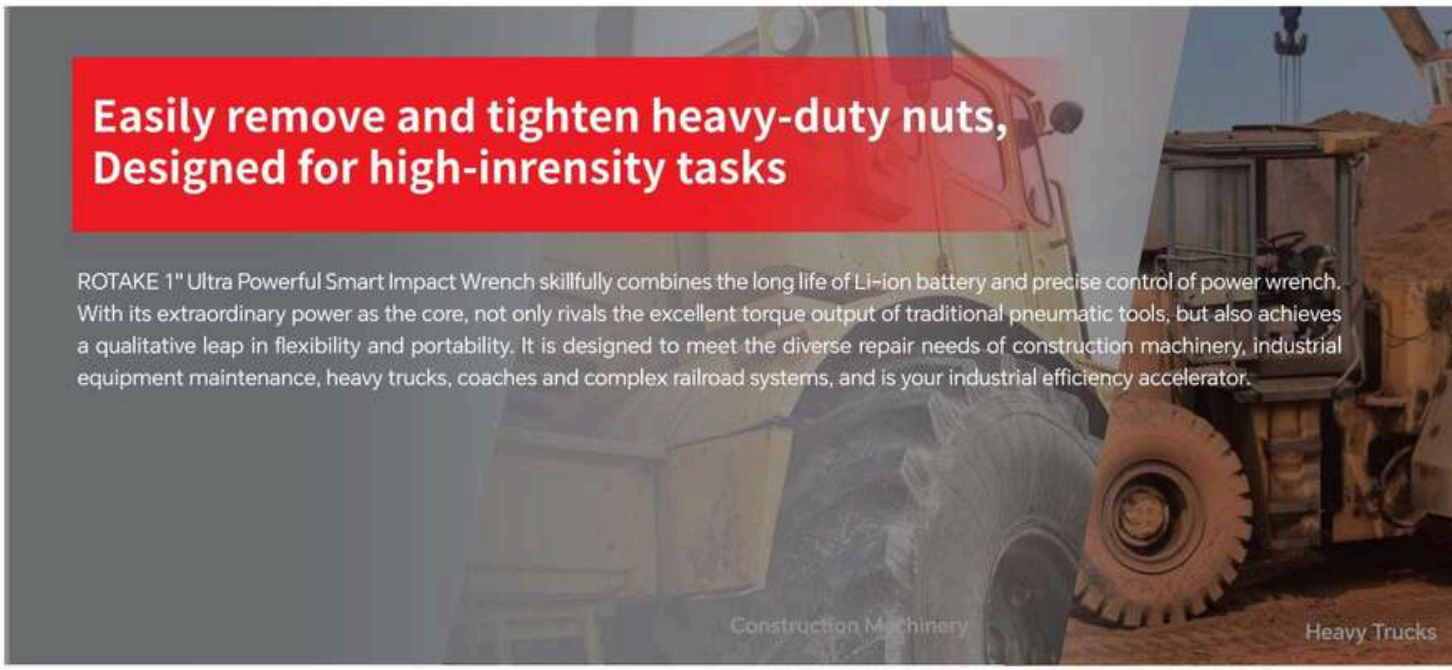
Application Tire Change | Industrial Machinery | Heavy Truck Maintenance
Large-scale Construction | Mining | Road and Bridge Construction etc.

IDC BRUSHLESS MOTOR

- 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

Square Size (inch)	1"
Rated Voltage (V)	40
Motor Type	Brushless DC
No Load Speed (RPM)	1100/900/700
Impact Per Minute (IPM)	1600/1300/1000
Max. Fastening Torque (Nm)	3200
Max. Nut Busting torque (Nm)	**4000**
Weight without Battery (Kg)	10.50
L*W*H Without Battery (mm)	650×138×158





T9S

1" High Torque Impact Wrench

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

IDC BRUSHLESS MOTOR

- 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



Square Size(inch)	1"
Rated Voltage (V)	40
Motor Type	Brushless DC
No Load Speed (RPM)	1100/900/700
Impact Per Minute (IPM)	1600/1300/1000
Max. Fastening Torque (Nm)	3200
Max. Nut Busting torque (Nm)	**4000**
Weight without Battery (Kg)	9.80
L*W*H Without Battery (mm)	540×138×158



ROTAKESA

Ratchet Wrenches



- The Combination of power and speed provides solutions for automobil manufacturing and maintenance
- Compact head desgin,convenient for working in small 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

Square Size (inch)	3/8"
Rated Voltage (V)	16
Motor Type	Brushless DC
No-load Speed (RPM)	350
Max. Torque (Nm)	**75**
Net Weight (Kg)	0.95
L*W*H Without Battery (mm)	300×51×72



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

Square Size (inch)	3/8"
Rated Voltage (V)	16
Motor Type	Brushless DC
No-load Speed (RPM)	350
Max. Torque (Nm)	**75**
Net Weight (Kg)	1.05
L*W*H Without Battery (mm)	405×51×72



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



Square Size (inch)	3/8"
Rated Voltage (V)	12
Motor Type	Brush DC
No-load Speed (RPM)	280
Max. Torque (Nm)	**40**
Net Weight (Kg)	0.72
L*W*H Without Battery (mm)	270×48×61



2602

3/8" Exrended Ratchet Wrench

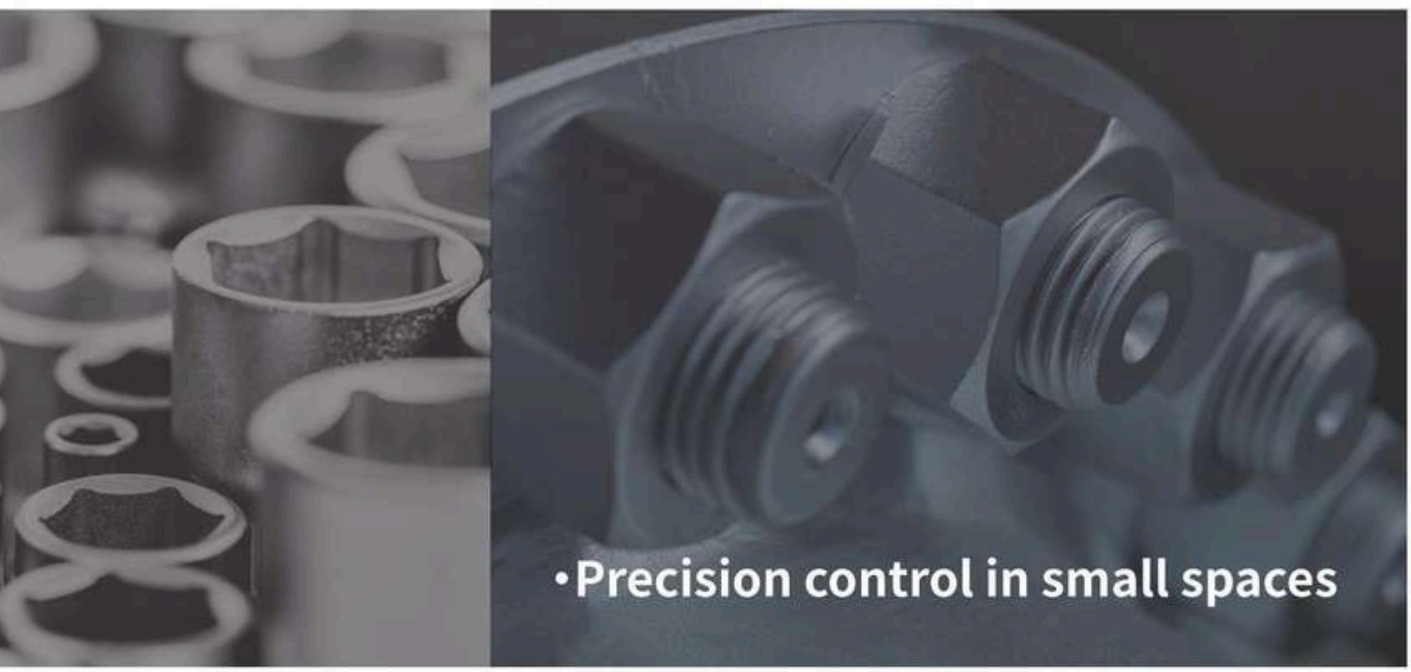
Application Auto Repair | Truss Assemblely | Machanical maintenance | Steel fram construction | shelf disassemblely etc.

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



Square Size (inch)	3/8"
Rated Voltage (V)	12
Motor Type	Brush DC
No-load Speed (RPM)	280
Max. Torque (Nm)	**40**
Net Weight (Kg)	1.00
L*W*H Without Battery (mm)	363×48×61



ROTAKESA

Impact Drivers

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



S11

1/4" Hex Impact Driver

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

IDC BRUSHLESS MOTOR LED



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

Chuck Size (inch)	1/4" HEX
Rated Voltage (V)	16
Motor Type	Brushless DC
No-load Speed (RPM)	3900/3200/2100
Impact Frequency (IPM)	4400/3600/2400
Max. Torque (Nm)	**180**
Net Weight (Kg)	0.75
L*W*H Without Battery (mm)	125×55×202

S1

1/4" Hex Impact Driver

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

IDC BRUSHLESS MOTOR LED



- 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

Chuck Size (inch)	1/4" HEX
Rated Voltage (V)	20
Motor Type	Brushless DC
No-load Speed (RPM)	3900/3100/1700
Impact Frequency (IPM)	4900/3800/2200
Max. Torque (Nm)	**260**
Net Weight (Kg)	1.05
L*W*H Without Battery (mm)	113×76×207

ROTAKESA

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 Drills

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



Chuck Size (mm)	13
Rated Voltage (V)	16
Motor Type	Brushless DC
No-load Speed (RPM)	500/1600
Max. Torque (Nm)	**60**
Max. Drilling Capacity - Wood (mm)	35
Max. Drilling Capacity - Steel (mm)	13
Max. Drilling Capacity - Concrete (mm)	N/A
Impact Per Minute (IPM)	N/A
Net Weight of Bare Machine (Kg)	0.99
L*W*H Without Battery (mm)	142×59×216

D1

1/2" Driver Drills

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



Chuck Size (mm)	13
Rated Voltage (V)	20
Motor Type	Brushless DC
No-load Speed (RPM)	500/1700
Max. Torque (Nm)	**70**
Max. Drilling Capacity - Wood (mm)	40
Max. Drilling Capacity - Steel (mm)	13
Max. Drilling Capacity - Concrete (mm)	N/A
Impact Per Minute (IPM)	N/A
Net Weight of Bare Machine (Kg)	1.05
L*W*H Without Battery (mm)	146×76×206

ROTAKESA

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.



Smart Speed Control
Efficient Drilling & Screwing



New Gearbox Design

smaller size provides stronger power, drilling efficiency increased by 30%



Drilling Screwing Impacting

Industrial Durable Metal Self-locking Chuck

Chucking range: 1.5-13mm, drop-resistant and durable

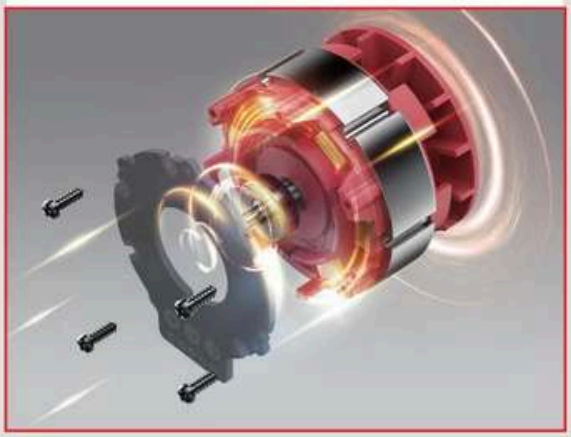
Electronic Anti-twisting Function

Stop immediately in case of emergency, reducing the risk of sprains



Upgraded Sensored Brushless Motor + Constant Speed Control

Constant speed makes drilling more efficient



20+2 Torque Setting: Adapt to Different Working Conditions

High-speed setting can easily handle high-torque toughening operations, smoothly without jamming.



D11H

1/2" Hammer Drill

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

CSC BRUSHLESS MOTOR

- 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
- 154mm compact body, suitable for small space operations
- Forward and reverse can be easily switched with one button

Chuck Size (mm)	13
Rated Voltage (V)	16
Motor Type	Brushless DC
No-load Speed (RPM)	450/1600
Max. Torque (Nm)	**60**
Max. Drilling Capacity - Wood (mm)	35
Max. Drilling Capacity - Steel (mm)	13
Max. Drilling Capacity - Concrete (mm)	13
Impact Per Minute (IPM)	7500/24000
Net Weight of Bare Machine (Kg)	1.09
L*W*H without battery (mm)	154×59×219



D1H

1/2" Hammer Drill

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

CSC BRUSHLESS MOTOR

- 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

Chuck Size (mm)	13
Rated Voltage (V)	20
Motor Type	Brushless DC
No-load Speed (RPM)	500/1700
Max. Torque (Nm)	**70**
Max. Drilling Capacity - Wood (mm)	40
Max. Drilling Capacity - Steel (mm)	13
Max. Drilling Capacity - Concrete (mm)	13
Impact Per Minute (IPM)	8250/25500
Net Weight of Bare Machine (Kg)	1.15
L*W*H without battery(mm)	158×76×206



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 switchedwith one button
- Class A high capacity battery, longer battery life

Chuck Size (mm)	13
Rated Voltage (V)	20
Motor Type	Brushless DC
No-load Speed (RPM)	500/2200
Max. Torque (Nm)	**120**
Max. Drilling Capacity - Wood (mm)	40
Max. Drilling Capacity - Steel (mm)	13
Max. Drilling Capacity - Concrete (mm)	13
Impact Per Minute (IPM)	9500/40000
Net Weight of Bare Machine (Kg)	1.40
L*W*H without battery (mm)	184×76×208



ROTAKE SA

Rotary Hammers



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

High-Efficiency Wall Drilling with Powerful Performance

SDS-Plus Quick-Change Chuck
One push and insert can quickly replace the attachment, secure clamping ensures stable operation even under heavy impact

Large-Bore Cylinder
Double drilling efficiency

AVS
Reduce vibration for comfortable operation

Forward/Reverse Switch
Quickly resolves bit jamming

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

RFC
Electronic clutch with overload protection

LED Light
Reliable operation in the dark



4-Mode Rotary Selector
Chiseling Rotation / Hammering Only / Rotary Hammer / Drilling; select modes as needed

360° Rotating Auxiliary Handle
Adjustable for various working conditions

Chiseling Rotation | Hammering Only | Rotary Hammer | Drilling

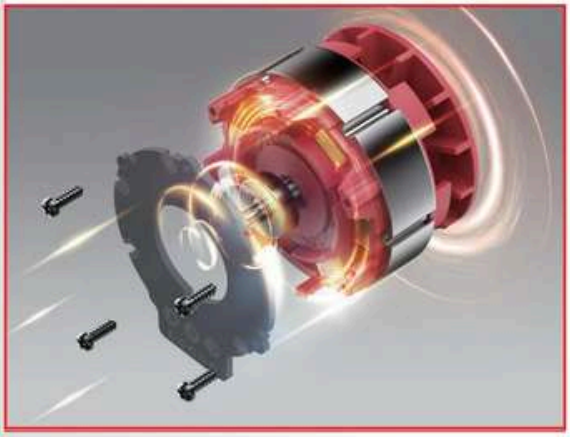
Electronic Clutch

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



DC Brushless Motor

High efficiency with low energy consumption, regular carbon brush maintenance or replacement is not needed.



H1

22mm SDS-Plus Rotary Hammer

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

RFC CSC BRUSHLESS MOTOR SDS

- 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

Rated Voltage (V)	20
Impact Energy (J)	**2.0**
No-Load Speed (RPM)	1380
Impact Rate (IPM)	5020
Max Drilling Diameter (mm)	Concrete 22 | Metal 13 | Wood 28
Optimal Drilling Range (mm)	6-12
Net Weight (Kg)	1.75
L*W*H Without Battery (mm)	270x76x175



8901

22mm SDS-Plus Rotary Hammer

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

BRUSHLESS MOTOR SDS

- 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

Rated Voltage (V)	20
Impact Energy (J)	**1.7**
No-Load Speed (RPM)	1180
Impact Rate (IPM)	4200
Max Drilling Diameter (mm)	Concrete 22 | Metal 13 | Wood 28
Optimal Drilling Range (mm)	6-12
Net Weight (Kg)	1.85
L*W*H Without Battery (mm)	286x83x197



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



Rated Voltage (V)	20
Impact Energy (J)	**2.6**
No-Load Speed (RPM)	1200
Impact Rate (IPM)	4400
Max Drilling Diameter (mm)	Concrete 26 | Metal 13 | Wood 30
Optimal Drilling Range (mm)	6-16
Net Weight (Kg)	2.30
L*W*H Without Battery (mm)	395x80x190

8903

28mm SDS-Plus Rotary Hammer

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

- 4-Mode rotary selector with high efficiency and mult
- Forward/reverse switch quickly resolves bit jamming
- Variable speed trigger with sensitive button for easy
- SDS-Plus Chuck for quick bit change and easy install
- LED lights clearly illuminate dark workspace



Rated Voltage (V)	20
Impact Energy (J)	**3.0**
No-Load Speed (RPM)	1250
Impact Rate (IPM)	4600
Max Drilling Diameter (mm)	Concrete 28 | Metal 13 | Wood 30
Optimal Drilling Range (mm)	6-18
Net Weight (Kg)	2.50
L*W*H Without Battery (mm)	400x80x190



ROTAKE FSA

Industrial Braking Angle Grinders

- Suitable for cutting, metal processing, ceramic tile decoration, industrial construction, auto maintenance etc., with rich application scenarios
- 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



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



Spindle Size (mm)	M10
Grinding/Slicing Diameter (mm)	100
Rated Votage (V)	20
Motor Type	Brushless DC
No-load Speed (rpm)	9500
Max. Cutting Depth (mm)	21
Bare Metal Net Weight (Kg)	1.58
L*W*H Without Battery (mm)	296×118×125

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



Spindle Size (mm)	M14
Grinding/Slicing Diameter (mm)	115
Rated Votage (V)	20
Motor Type	Brushless DC
No-load Speed (rpm)	9500
Max. Cutting Depth (mm)	28
Bare Metal Net Weight (Kg)	1.69
L*W*H Without Battery (mm)	296×130×125

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



Spindle Size (mm)	M14
Grinding/Slicing Diameter (mm)	125
Rated Votage (V)	20
Motor Type	Brushless DC
No-load Speed (rpm)	9500
Max. Cutting Depth (mm)	33
Bare Metal Net Weight (Kg)	1.70
L*W*H Without Battery (mm)	296×138×126

8406

1/4" Die Grinder

Application Metalworking | Automotive Repair | Construction Engineering

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



Rated voltage (V)	20
Speed (RPM)	8000-27000
Motor Type	Brushless DC
Speed Mode	4
Max. Grinding Wheel Dia. (mm)	55
Max. Collet Size (mm)	6
Net weight (Kg)	1.45
L*W*H Without Battery (mm)	398×73×90

8407

Surface Conditioning Tool

Application Metalworking | Woodworking

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



Rated Voltage (v)	20
Speed (RPM)	1000-3500
Motor Type	Brushless DC
Speed Mode	4
Wheel Size (mm)	100×115
Net Weight (kg)	3.10
L*W*H Without Battery (mm)	418×170×157

ROTAKE®



Polishers

- 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 systerm
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



Wheel Size (mm)	75
Spindle Thread	M6
Rated Voltage(V)	20
Motor Type	Brushless DC
No-load Speed - Polishing (RPM)	0-2800
No-load Speed - Grinding (RPM)	0-8000
Net Weight (Kg)	0.88
L*W*H Without Battery (mm)	142×68×210

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

Wheel Size (mm)	150
Spindle Thread	M14
Rated Voltage (V)	20
Motor Type	Brushless DC
No-load Speed – polishing (RPM)	150-2300
Speed Mode	6
Net Weight (kg)	1.58
L*W*H Without Battery (mm)	433x78x123

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

Wheel Size (mm)	150
Spindle Thread	M8
Rated Voltage (V)	20
Motor Type	Brushless DC
No-load Speed (RPM)	2400-4000
Orbit Diameter (mm)	15
Speed Mode	6
Net Weight (kg)	2.03
L*W*H Without Battery (mm)	433x125x137

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

Wheel Size (mm)	180
Spindle Thread	14
Rated Voltage (V)	20
Motor Type	Brushless DC
No-load Speed (RPM)	800-2800
Speed Mode	5
Net Weight (kg)	1.80
L*W*H Without Battery (mm)	420x100x75

8702

125mm Orbital Sander

Application Auto Cosmetic | Furniture manufacturing | Metalworking | Construction

CSC BRUSHLESS MOTOR



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

Wheel Size (mm)	125
Rated Voltage (V)	20
Motor Type	Brushless DC
No-load Speed (RPM)	6000-12000
Speed Mode	6
Orbit Diameter (mm)	2.5
Net Weight (kg)	0.90
L*W*H Without Battery With Dust Port (mm)	170x140x120

ROTAKE



Circular Saws

- Quick blade change for complex curves and straight cuts
- Variable speed control for precision cutting
- Lock-off switch for enhanced safety

Powerful Cutting, Efficient & Stable

Lock-off switch
Prevents accidental activation, enhancing safety

Full soft-grip handle
Reduces fatigue during operation

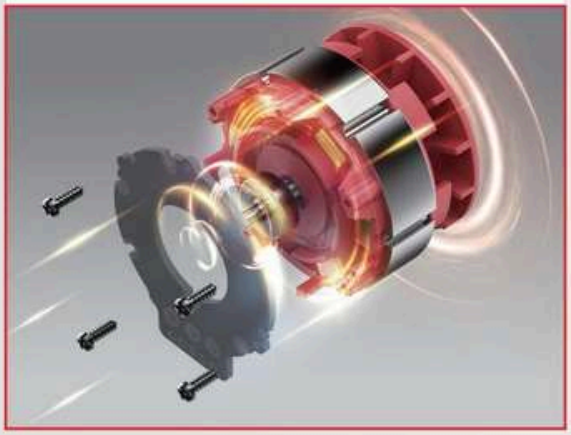


0-45° adjustable
Saw angle for versatile cutting angles

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



Blade Diameter (mm)	120
Bore Diameter (mm)	9.5/10
Rated Voltage (V)	20
Motor Type	Brushless DC
No-load Speed (RPM)	6800
Max. Cutting Capacity (0°)	45mm
Max. Cutting Capacity (45°)	32mm
Net Weight (kg)	1.78
L*W*H Without Battery (mm)	375x145x155

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



Blade Diameter (mm)	165
Bore Diameter (mm)	20
Rated Voltage (V)	20
Motor Type	Brushless DC
No-load Speed (RPM)	5000
Max. Cutting Capacity (0°)	60mm
Max. Cutting Capacity (45°)	45mm
Net Weight (kg)	2.60
L*W*H Without Battery (mm)	305x170x195

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



Blade Diameter (mm)	185/190
Bore Diameter (mm)	20
Rated Voltage (V)	20
Motor Type	Brushless DC
No-load Speed (RPM)	5600
185mm Max. Cutting Capacity (0°)	66mm
185mm Max. Cutting Capacity (45°)	48mm
190mm Max. Cutting Capacity (0°)	68mm
190mm Max. Cutting Capacity (45°)	50mm
Net Weight (kg)	3.10
L*W*H Without Battery (mm)	323x195x191

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



Stroke Length (mm)	26
Rated Voltage (V)	20
Motor Type	Brushless DC
No-load Reciprocating Rate (RPM)	0-3000
Max. Cutting Capacity- Wood (mm)	200
Max. Cutting Capacity- Metal Pipe (mm)	100
Max. Cutting Capacity-Aluminum (mm)	20
Max Steel Cutting Depth (mm)	15
Net Weight (kg)	1.68
L*W*H Without Battery (mm)	335x65x135

ROTAKE

Reciprocating Saws
Jigsaws
Multi-Tools



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



Stroke Length (mm)	26
Rated Voltage (V)	20
Motor Type	Brushless DC
No-load Reciprocating Rate (RPM)	0-3000
Max. Cutting Capacity- Wood (mm)	200
Max. Cutting Capacity- Metal (mm)	100
Max. Cutting Capacity-Aluminum (mm)	20
Max. Cutting Capacity-Steel (mm)	15
Net Weight (kg)	1.83
L*W*H Without Battery (mm)	390×75×160

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°



Stroke Length (mm)	25
Rated Voltage (V)	20
Motor Type	Brushless DC
No-load Reciprocating Rate (RPM)	0-3500
Max. Cutting Capacity-Wood (mm)	135
Max. Cutting Capacity-Aluminum (mm)	20
Max. Cutting Capacity-Steel (mm)	10
Net Weight (kg)	2.10
L*W*H Without Battery (mm)	240×210×80

8331

Multi-Tool

Application Construction | Woodworking | Renovation

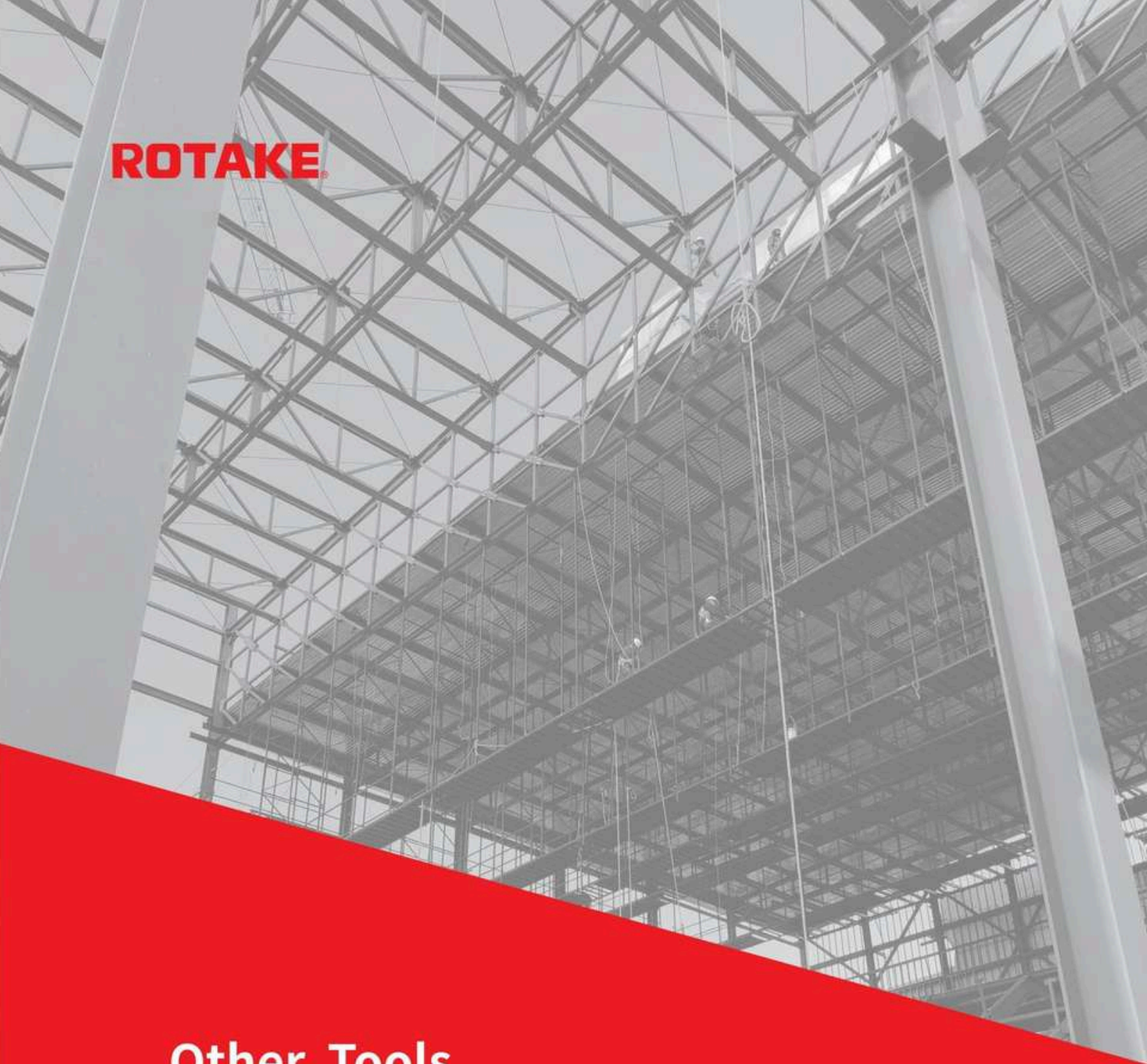
CSC BRUSHLESS MOTOR



- 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

Oscillation Angle (°)	4
Rated Voltage (V)	20
Motor Type	Brushless DC
No-Load Speed (RPM)	9000-21000
Net Weight (Kg)	1.05
L*W*H Without Battery (mm)	309×112×73





ROTAKE

Other Tools

Heat Guns
Vacuum Cleaners
Caulking Guns
Blowers
Shears
Grease Guns
Air Inflators
Air Compressors
Worklights
Air Fans

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

Temperature (℃)	550
Air Flow (L/min)	200L/M
Rated Voltage (V)	20
Motor Type	Brush DC
Net Weight (Kg)	0.60
L*W*H Without Battery (mm)	205x170x70

8515

Vacuum Cleaner

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

- Precise locking and easy switching
- Easy assembly and disassembly



Dust Cup Capacity (ml)	500
Vacuum (KPa)	≥7.3
Rated Voltage (V)	20
Motor Type	Brush DC
Filtration	Non-woven Fabric Filter Bag
Net Weight (Kg)	0.92
L*W*H Without Battery (mm)	430x135x150

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

Max.Pushing Force (N)	2000
Loading Capacity (ml)	300/800
Rated Voltage (V)	20
Motor Type	Brush DC
Rated Speed (mm/min)	50-560
Net Weight (Kg)	1.95
L*W*H Without Battery (mm)	430×110×310

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

Rated Voltage (V)	20
Motor Type	Brush DC
Air Speed (m/s)	⩾70
Rated Speed (RPM)	18000
Net Weight (Kg)	1.08
L*W*H Without Battery (mm)	550×140×310

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

Rated Voltage (V)	20
Cutting Speed (S)	0.3
Shearing Capacity-Fresh branches (mm)	30
Net Weight (Kg)	1.28
L*W*H Without Battery (mm)	280x64x115

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

Rated Voltage (V)	20
Maximum Pressure (psi)	10000
Oil Drum Capacity (ml)	420
Oil Tank Capacity (oz)	14.5 (410g)
Oil injection speed (g/min)	MAX280
Net Weight (Kg)	3.50
L*W*H Without Battery (mm)	390x95x27

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

Rated Voltage (V)	20
Power (watts)	10/20/30
Effective Lumens (lm)	800/1700/2200
Tilt Angle (°)	0-360
Weight (Kg)	1.58

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

Rated Voltage (V)	20
No-load Speed (rpm)	1600/2500
Blade Diameter (mm)	240
Weight (Kg)	2.35

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
Gradual acceleration from slow to fast to prevent sudden high-speed starts

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

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



ROTAKE

Pneumatic Tools

ROTAKESA

5284

1/2" Composite Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1/2" Composite Air Impact Wrench

* Twin Hammer
* Square drive: 1/2"
* Capacity bolt size: 5/8"(M16)
* Free speed: 9900rpm
* Max torque: 756Nm/560ft.lb
* Air Comsuption: 5cfm
* Air Inlet: 1/4"PT
* Air Hose: 3/8" I.D.
* Net weight: 1.38kgs/3.04lbs

5274

1/2" Composite Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1/2" Composite Air Impact Wrench

* Twin Hammer
* Square drive: 1/2"
* Capacity bolt size: 5/8"(M16)
* Free speed: 9900rpm
* Max torque: 756Nm/560ft.lb
* Air Comsuption: 5cfm
* Air Inlet: 1/4"PT
* Air Hose: 3/8" I.D.
* Net weight: 1.38kgs/3.04lbs

ROTAKESA

5276

1/2" Composite Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1/2" Composite Air Impact Wrench

* Twin Hammer
* Square drive: 1/2"
* Capacity bolt size: 3/4"(M19)
* Free speed: 7200rpm
* Max torque: 1890Nm/1400ft.lb
* Air Comsuption: 7cfm
* Air Inlet: 1/4"PT
* Air Hose: 3/8" I.D.
* Net weight: 2.29kgs/5.04lbs

5554

3/4" Composite Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



3/4" Composite Air Impact Wrench

* Twin Hammer
* Square drive: 3/4"
* Capacity bolt size: 3/4"(M19)
* Free speed: 7200rpm
* Max torque: 1890Nm/1400ft.lb
* Air Comsuption: 7cfm
* Air Inlet: 1/4"PT
* Air Hose: 3/8" I.D.
* Net weight: 2.35kgs/5.18lbs

ROTAKESA

5571

3/4" Composite Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



3/4" Composite Air Impact Wrench

* Twin Hammer
* Square drive: 3/4"
* Capacity bolt size: 1-1/4"(M32)
* Free speed: 5600rpm
* Max torque: 2100Nm/1556ft.lb
* Air Comsuption: 9cfm
* Air Inlet: 1/4"PT
* Air Hose: 3/8" I.D.
* Net weight: 3.8kgs/8.36lbs

5572

1" Composite Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1" Composite Air Impact Wrench

* Twin Hammer
* Square drive: 1 "
* Capacity bolt size: 1-1/4 "(M32)
* Free speed: 5600rpm
* Max torque: 2100Nm/1556ft.lb
* Air Comsuption: 9cfm
* Air Inlet: 1/4 "PT
* Air Hose: 3/8 " I.D.
* Net weight: 3.95kgs/8.69lbs

ROTAKESA

5231

1/2" Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1/2" Air Impact Wrench

*Capacity Bolt Size: 5/8 " (M16mm)
*Free Speed (rpm): 7500
*Max Torqur (Nm) . 650
*Air Inlet (PT): 1/4 "
*Air Hose (I.D.) : 3/8 "
*Air Consumption (cfm): 4
*Net Weight (kgs): 2.67

5268

1/2" Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1/2" Air Impact Wrench

*Capacity Bolt Size: 5/8 " (M16mm)
*Free Speed (rpm): 7000
*Max Torqur (Nm) : 720
*Air Inlet (PT): 1/4 "
*Air Hose (I.D.) : 3/8 "
*Air Consumption (cfm): 4
*Net Weight (kgs): 2.62

ROTAKESA

5272

1/2" Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1/2" Air Impact Wrench

*Twin hammer/Handle exhaust

* Square drive: 1/2 "

* Capacity bolt size: 3/4(M19mm)

* Free speed: 7000rpm

* Air consumption: 5cfm

* Max torque: 679ft-lb (920Nm)

* Net weight: 2.75kgs

5278

1/2" Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1/2" Air Impact Wrench

*Capacity Bolt Size: 3/4 " (M16mm)

*Free Speed (rpm): 7000

*Max Torqur (Nm) : 880

*Air Inlet (PT): 1/4 "

*Air Hose (I.D.) : 3/8 "

*Air Consumption (cfm): 5

*Net Weight (kgs): 3.17

ROTAKESA

5277

1/2" Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1/2" Air Impact Wrench

* Twin Hammer/ Handle exhaust
* Square drive: 1/2 "
* Capacity bolt size: 3/4"(M19mm)
* Free speed: 8800rpm
* Air Inlet:1/4 "
* Air consumption: 8cfm
* Max torque:1492Nm
* Net weight: 2.76kgs

5560

3/4" Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



3/4" Air Impact Wrench

* Capacity bolt size: 1-1/4 " (M32mm)
* Free speed: 4500rpm
* Air consumption: 8cfm
* Max torque: 960ft-lb (1300Nm)
*Air Inlet (PT): 3/8 "
*Air Hose (I.D.) : 1/2 "
* Net weight: 4.85kgs

ROTAKESA

5567

3/4" Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



3/4" Air impact wrench

* Capacity bolt size: 1-1/2 " (M38mm)
* Free Speed: 5000rpm
* Max Torque: 1800Nm
*Air Inlet (PT): 1/2 "
*Air Hose (I.D.) : 1/2 "
* Air Inlet: 3/8 "
* Net weight: 6.86kgs

5568

1" Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1" Air Impact Wrench

* Twin Hammer/Handle exhaust
* Square drive: 1 "
* Capacity bolt size: 1-1/2 " (M38mm)
* Free speed: 5000rpm
* Air consumption: 12cfm
* Max torque: 1330ft-lb (1800Nm)
* Net weight: 6.92kgs

ROTAKESA

5662

1" Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1" Air Impact Wrench

* Square drive: 1 "
* Capacity bolt size: 1-1/2 " (38mm)
* Free speed: 5000rpm
* Air consumption: 12cfm
* Max torque: 1770ft-lb (2400Nm)
* Net weight: 10.54kgs

5661

1" Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1" Air Impact Wrench

* Pinless hammer
* Capacity bolt size: 1-1/2 " (38mm)
* Free speed: 4000rpm
* Air consumption: 12cfm
* Max torque: 1920ft-lb (2600Nm)
* Net weight: 12.13kgs

ROTAKESA

5668

1" Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1" Air Impact Wrench

Capacity Bolt Size: 1-1/2 " (M38mm)
Free Speed (rpm): 4000
Max Torqur (Nm) : 2600
Air Inlet (PT): 1/2 "
Air Hose (I.D.) : 3/4 "
Air Consumption (cfm): 23
Net Weight (kgs): 12.13

5665

1" Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1" Air Impact Wrench

* Pinless hammer
* Square drive: 1 "
* Capacity bolt size: 1-1/2 " (38mm)
* Free speed: 4000rpm
* Air consumption: 23cfm
* Air Inlet: 1/2 "
* Air Hose: 3/4 "
* Max torque: 1920ft-lb (2600Nm)
* Net weight: 13.98kgs,30.82lbs

ROTAKESA

5770

1" Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1" Air Impact Wrench

* Pinless hammer
* Capacity bolt size: 1-3/4 "(M45mm)
* Free speed: 3200rpm
* Air consumption: 23cfm
* Max torque: 3200Nm,2360ft.lb
* Air inlet: 1/2 "
* Air Hose: 3/4 "
* Net weight: 16.71kgs,36.84lbs

5880

1" Air Impact Wrench

Application Industrial Operations | Loosening & Tightening Tool



1" Air Impact Wrench

* Pinless hammer
* Capacity bolt size: 1-3/4 " (45mm)
* Free speed: 3500rpm
* Air Inlet: 1/2 "
* Air Hose: 3/4 "
* Air consumption: 23cfm
* Max torque: 2800ft-lb (3800Nm)
* Net weight: 17.74kgs,39.11lbs

ROTAKESA

5220R

1/2" Air Ratchet Wrench

Application Industrial Operations | Loosening & Tightening Tool



1/2" Air Ratchet Wrench

* Double ratchet pawl
* Square drive: 1/2 "
* Capacity bolt size: 1/2 " (M13mm)
* Free speed: 160rpm
* Air consumption: 4cfm
* Max torque: 50ft-lb (68Nm)
* Air Inlet (PT): 1/4"
* Air Hose (I.D.): 3/8"
* Net weight: 0.50kgs

3501R

150mm Air Hammer

Application Industrial Operations | Loosening & Tightening Tool



150mm Air Hammer

* Chisel shank: 0.401(0.410)
* Bore diameter: 3/4 "(19.05mm)
* Piston stroke: 1-5/8 "(41mm)
* Blow per min.:4500
* Air inlet: 1/4 "
* Net weight: 1.12kgs

ROTAKESA

2130

5" Air Sander Orbital

Application Industrial Operations | Loosening & Tightening Tool



5" Air Sander Orbital

* Sanding Pad: 5 " (127mm)
*Orbit Diameter: 2.5mm,5mm
* Free speed: 10000rpm
* Air Inlet:1/4 "
* Air Hose:3/8 "
* Air consumption: 4cfm
* Net weight: 1.00kgs

2131

5" Air Sander Orbital

Application Industrial Operations | Loosening & Tightening Tool



5" Air Sander Orbital

* Sanding Pad: 5 " (127mm)
*Orbit Diameter: 2.5mm,5mm
* Free speed: 10000rpm
* Air Inlet:1/4 "
* Air Hose:3/8 "
* Air consumption: 4cfm
* Net weight: 1.00kgs

ROTAKESA

2133

6" Air Sander Orbital

Application Industrial Operations | Loosening & Tightening Tool



6" Air Sander Orbital

* Sanding Pad: 6 " (152mm)
*Orbit Diameter: 2.5mm or 5mm
* Free speed: 10000rpm
* Air Inlet:1/4 "
* Air Hose:3/8 "
* Air consumption: 4cfm
* Net weight: 1.00kgs

2138

5" Air Sander Orbital

Application Industrial Operations | Loosening & Tightening Tool



5" Air Sander Orbital

* Sanding Pad: 5 " (127mm)
*Orbit Diameter: 2.5mm or 5mm
* Free speed: 10000rpm
* Air Inlet:1/4 "
* Air Hose:3/8 "
* Air consumption: 4cfm
* Net weight: 1.00kgs

ROTAKESA

2151

5" Air Sander Orbital

Application Industrial Operations | Loosening & Tightening Tool



5" Air Sander Orbital

* Sanding Pad: 5 " (127mm)
*Orbit Diameter: 2.5mm or 5mm
* Free speed: 10000rpm
* Air Inlet:1/4 "
* Air Hose:3/8 "
* Air consumption: 4cfm
* Net weight: 0.85kgs

1205R

1/4" Air Die Grinder

Application Industrial Operations | Loosening & Tightening Tool



1/4" Air Die Grinder

Collet Size: 1/4 "(6mm)
Free Speed: 25000rpm
Working Pressure: 90psi
Air Inlet: 1/4 "PT
Air Hose: 3/8 " I.D.
Air Consumption: 4cfm
Net Weight: 0.75lbs/0.34kgs

1206R

1/4" Air Die Grinder

Application Industrial Operations | Loosening & Tightening Tool



1/4" Air Die Grinder

Collet Size: 1/4 "(6mm)
Free Speed: 22000rpm
Working Pressure: 90psi
Air Inlet: 1/4 "PT
Air Hose: 3/8 " I.D.
Air Consumption: 4cfm
Net Weight: 1.15lbs/0.52kgs

1222

Air Tire Buffer

Application Industrial Operations | Loosening & Tightening Tool



Air Tire Buffer

*Tire buffer
*Mandrel size(mm): 11
*Mandrel threaded: 3/8 "-24unf
*Free speed (rpm): 2500
*Air inlet(PT): 1/4 "
*Air Hose (I.D.): 3/8 "
*Air consumption(cfm): 4
*Net Weight (lbs/kgs): 2.09/0.95
*Net weight with sleeve(lbs/kgs): 2.13/0.97

ROTAKESA

3808P

3/8" Air Straight Drill

Application Industrial Operations | Loosening & Tightening Tool



3/8" Air straight drill

Drilling Cap:3/8 "(10mm)

Free Speed: 1800rpm

Working Pressure:90psi

Air Inlet:1/4 "PT

Air Hose: 3/8 " I.D.

Air Consumption:6cfm

Net Weight: 1.98lbs/0.9kgs

3809P

High Speed Air Tire Buffer

Application Industrial Operations | Loosening & Tightening Tool



High Speed Air Tire Buffer

* Drilling Cap: 3/8"(10mm)

* Free Speed: 20000rpm

* Working Pressure: 90psi

* Air Inlet: 1/4"PT

* Air Hose: 3/8"I.D.

* Air Consumption: 6cfm

* Net Weight: 1.98lbs/0.9kgs

* Net Weight with sleeve: 2.02lbs/0.92kgs

ROTAKESA

3804P

3/8" Air Drill Reversible

Application Industrial Operations | Loosening & Tightening Tool



3/8'' Air Drill Reversible

Drilling Cap:3/8 "(10mm)

Free Speed: 1800rpm

Working Pressure:90psi

Air Inlet:1/4 "PT

Air Hose: 3/8 " I.D.

Air Consumption:6cfm

Net Weight: 2.64lbs/1.20kgs

3805P

1/2" Air Drill Reversible

Application Industrial Operations | Loosening & Tightening Tool



1/2" Air Drill Reversible

Drilling Cap:1/2 "(13mm)

Free Speed: 700rpm

Working Pressure:90psi

Air Inlet:1/4 "PT

Air Hose: 3/8 " I.D.

Air Consumption:6cfm

Net Weight: 3.26lbs/1.48kgs

AIR LUBRICATION WRENCHES



Explore our range of Air Grease Lubricating Pump Machines that dispense a grease or oil solution depending on your needs on site.

Grease pumps are most often used in manufacturing and automotive applications.

By minimising waste, they help ensure efficient greasing, improved holding capacity, and cost-effective performance.

RT-8501
12l Air Grease Lubricator



RT-8502
20l Air Grease Lubricator



RT-8503
30l Air Grease Lubricator



SPECIFICATION	RT-8501	RT-8502	RT-8503
Pressure Ratio	50:1	50:1	50:1
Barrel Size	12 l	20 l	30 l
Working Pressure (Mpa)	0.6-0.8 Mpa	0.6-0.8 Mpa	0.6-0.8 Mpa
Transmission Pressure (Mpa)	30-40 Mpa	30-40 Mpa	30-40 Mpa
Grease Output (L/Min)	0.85L/min	0.85L/min	0.85L/min
Net Weight (lbs/kg)	31.97 lbs / 14.5 kg	37.48 lbs / 17 kg	41.89 lbs / 19 kg

IMPACT SOCKET SETS



Explore our range of Impact Sockets Sets, providing the perfect companion for your power tools.

Mix your accessories to match each tool for your individual requirements

RT-016K
16 PCS 1/2" Deep Air Impact Socket Set



RT-021K
10 PCS 1" Air Impact Socket Set



RT-040K
21 PCS 3/4" Air Impact Socket Set



RT-051K
26 PCS 3/4" & 1" Air Impact Socket Set



SPECIFICATION	RT-016K	RT-021K	RT-040K	RT-051K
Material	CR-MO	CR-MO	CR-MO	CR-MO
Drive in Inch	1/2"	1"	3/4"	3/4"
Length (mm)	78mm	80 or 90mm	80 or 56mm	80mm
Sizes (mm)	10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 22mm, 24mm, 27mm, 30mm, 32mm	24mm, 27mm, 30mm, 32mm, 33mm, 34mm, 36mm, 38mm, 41mm, 46mm	VARIOUS	VARIOUS

CUTTING & GRINDING DISCS



RCD-001
Cutting Disc



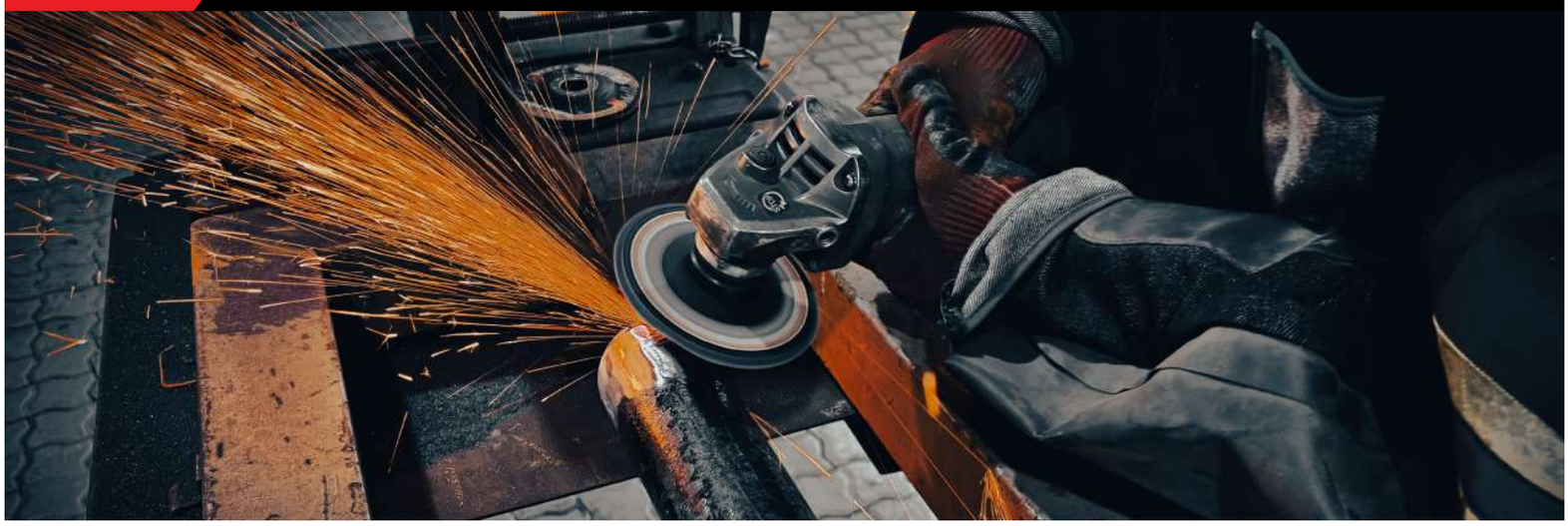
SPECIFICATION	RCD-001
Size (mm)	115 x 2 x 22.23mm 41/2" x 5/64" x 7/8"
Suitable for	INOX Stainless Steel Metal
MAX. RPM	1300.00/min | 80m/s

RGD-002
Grinding Disc



SPECIFICATION	RGD-002
Size (mm)	115 x 6 x 22.23mm 41/2" x 1/4" x 7/8"
Suitable for	Metal
MAX. RPM	1300.00/min | 80m/s

FLAP DISCS



R425-1
Zirconia Flap Disc 40 Grit



R425-2
Zirconia Flap Disc 60 Grit



R425-3
Zirconia Flap Disc 80 Grit



R425-4
Zirconia Flap Disc 100 Grit



R425-5
Zirconia Flap Disc 120 Grit



R425-A-1
Zirconia Flap Disc
3 Pack Multigrit (40, 80, 120)



SPECIFICATION	R425-1	R425-2	R425-3	R425-4	R425-5
Size (mm)	115 x 22.23mm 41/2" x 7/8"	115 x 22.23mm 41/2" x 7/8"	115 x 22.23mm 41/2" x 7/8"	115 x 22.23mm 41/2" x 7/8"	115 x 22.23mm 41/2" x 7/8"
Suitable for	Metal Wood Plastic	Metal Wood Plastic	Metal Wood Plastic	Metal Wood Plastic	Metal Wood Plastic
MAX. RPM	1300.00/min | 80m/s	1300.00/min | 80m/s	1300.00/min | 80m/s	1300.00/min | 80m/s	1300.00/min | 80m/s

ROTAKESA

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