

Lithium-ion range 2009

Tough tools for professionals



Satisfying the professional's needs



The quickest, lightest and most powerful battery technology.

Makita presents the evolution of a battery and charging system with the industry dominating Makita Li-ion technology. The expanded range offers a comprehensive, faster, lighter, more powerful and longer lasting selection of tough professional cordless tools.

LITHIUM-ION

The Makita power tool range is a blend of tried and trusted products, together with some valuable innovations, carefully selected for the demanding needs of professional users.

RANGE CATALOGUE

valid from January 2009

New innovations such as Makita's ground breaking AVT and the innovative Lithium-ion battery technology are just a few of the technologies that have kept Makita the preferred choice of the professional.

LXT



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Variable speed trigger



Electronic power control



Forward/reverse rotation



2 mechanical gears



3 mechanical gears



Electronic brake



Key-less chuck



Dust collecting



SDS plus shank



Torque settings



Torque limiter



Tool-less blade change



Orbital cutting



Job light



Carry case included

It is recommended that safety equipment such as eye and ear protection is used when operating powertools.

Makita reserve the right to change specifications at any time owing to their policy of constant improvement.

Accessories shown are not necessarily supplied as standard equipment.

Subject to availability. E&OE.



All machines in this catalogue conform to CE Marking Regulations.



Makita are a member of the European Power Tool Association.

LITHIUM-ION



40% LIGHTER

2000+ CYCLES

430% MORE RUN TIME

22 MINUTE CHARGE TIME

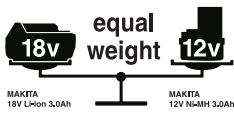


A REVOLUTIONARY BATTERY TECHNOLOGY

Makita's Lithium-ion tools have proved market winners and now Makita's expanded range offers a comprehensive, powerful and lightweight selection of professional tools to complete any job.

The long-lasting Lithium-ion batteries are 40% lighter than a similar Nickel Metal Hydride (Ni-MH) battery. Lithium-ion batteries feature a high energy density technology that will deliver 430% more working capacity during the lifetime of this battery compared to traditional Ni-Cad batteries. Lithium-ion batteries have an extended length of time during which they hold their charge – even after a long period of storage the batteries will deliver their power.

MORE POWER LESS WEIGHT



Lithium-ion's weight saving means 18 volt power can be obtained by a battery that weighs the same as a 12 volt Ni-MH battery. Reducing weight whilst retaining power has obvious positive effects on operator fatigue.

EXTENDED BATTERY LIFE



Lithium-ion batteries have greater life spans than their Ni-MH or Ni-Cad counterparts this is due to the increased number of charging cycles Lithium-ion offers and the run time between charges.

2000+ CYCLES TESTED UNDER LOAD



Makita have obtained the cycle life figure of 2000+ by testing the Lithium-ion 18v 3.0Ah battery under load. 50mm tapping screws were screwed into standard pine, replicating actual use conditions.

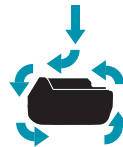
OPTIMUM CHARGING



Makita can achieve the massive 2000+ cycles from their Lithium-ion batteries because of the Optimum Charging System. This unique system enables the battery and charging system to talk to each other via a built in CPU in the charger and CPU in the battery. These two key elements are vital in extending the batteries working life.

Through this two way communication between charger and battery, the charger can recognise the battery and recall its charging history, analyse the batteries condition and usage and charge the battery accordingly.

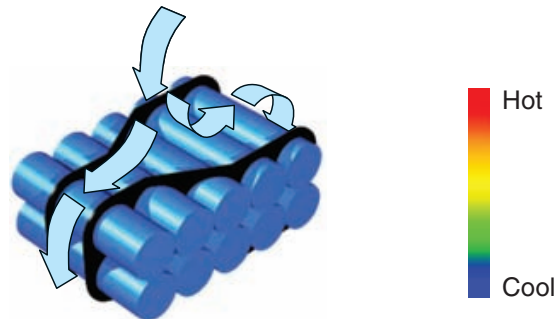
AIR FLOW AROUND THE BATTERY



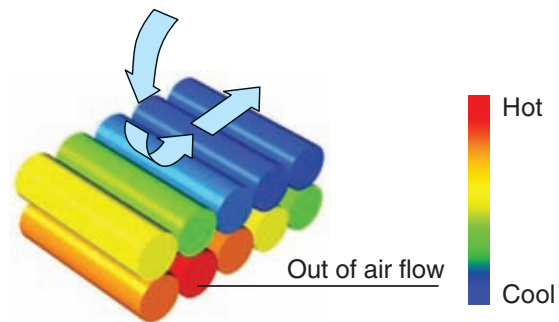
For optimum efficiency battery cells need to be kept at a cool temperature during charging. To enable each cell in the battery to be cooled the unit needs to be designed in such a way that air flow around the battery is maximised. Unlike some other Lithium-ion battery types the Makita battery design allows each cell to be kept at an optimum temperature which extends the battery life.

Unbalanced cooling will give rise to cells who's capacities vary and discharge at different rates, this can result in a battery that has a reduced run time, cycle life and capacity.

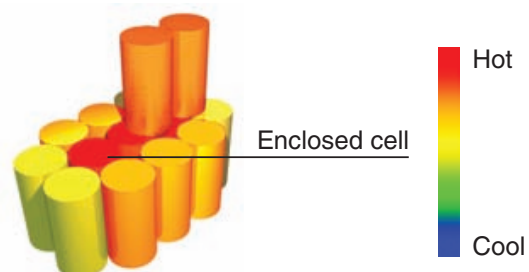
Makita Lithium-ion batteries have balanced cooling = LONG LIFE.



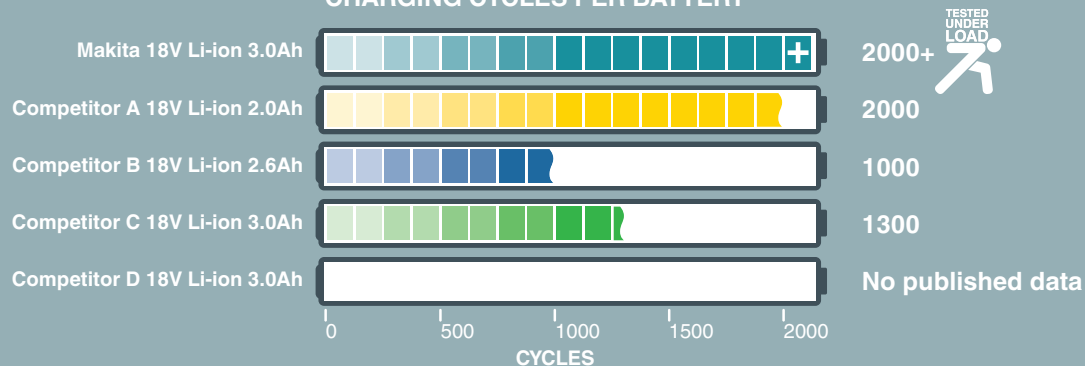
Unbalanced cooling = SHORT LIFE.



Without cooling = SHORT LIFE.

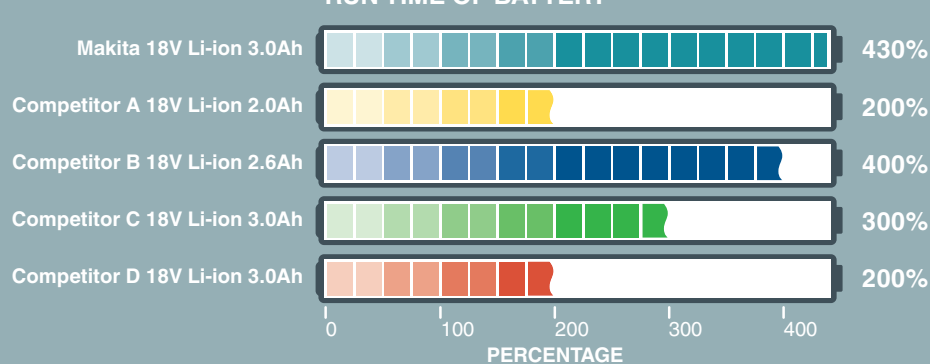


CHARGING CYCLES PER BATTERY



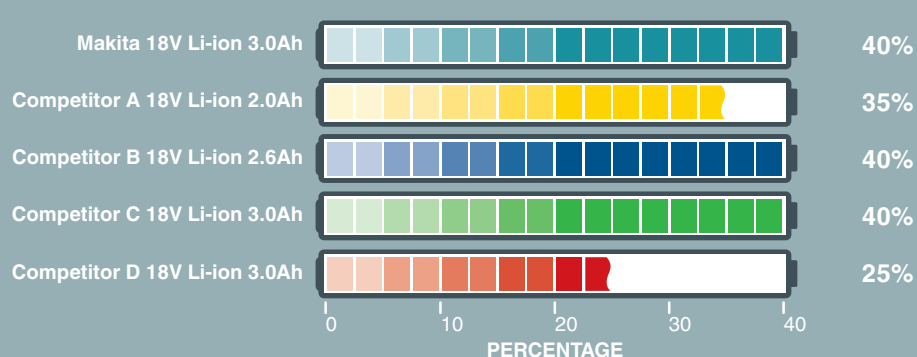
1 charge = 1 cycle.
Manufacturer data taken from published material.

RUN TIME OF BATTERY



Run time figures are the manufacturers percentages calculated against their own Ni-Cad batteries. Ni-Cad indexed at 100%.
Manufacturer data taken from published material.

WEIGHT SAVING AGAINST OWN Ni-Cad BATTERY



Weight figures are the manufacturers percentages calculated against their own Ni-Cad batteries.
Manufacturer data taken from published material.

CHARGING TIME PER BATTERY

Makita 18V Li-ion 3.0Ah	22 min
Competitor A 18V Li-ion 2.0Ah	60 min
Competitor B 18V Li-ion 2.6Ah	30 min
Competitor C 18V Li-ion 3.0Ah	45 min
Competitor D 18V Li-ion 3.0Ah	60 min



Manufacturer data taken from published material.

18 VOLT



18v SDS+ rotary hammer

BHR241RFE 
BHR241Z* 

Max. in steel	13mm
Max. in wood	26mm
Max. in concrete	20mm
Blows per minute	0-4,000bpm
Impact energy	1.9J
Vibration:	
Rotary hammer	12.5m/s ²
Hammer only	9.5m/s ²
No load speed	0-1,100rpm
Net weight	3.2kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Side handle
Depth rod
Case

A light weight, powerful and comfortable 3 mode hammer.

- :: 3 mode operation:
rotary only, hammer only
and rotary hammer.
- :: Rubberised ergonomic handle.



18v SDS+ rotary hammer

BHR240RFE 
BHR240Z* 

Max. in steel	13mm
Max. in wood	26mm
Max. in concrete	18mm
Blows per minute	0-4,000bpm
Impact energy	1.93J
Vibration:	
Rotary hammer	14m/s ²
Hammer only	11.5m/s ²
No load speed	0-1,100rpm
Net weight	3.0kg
Battery	3.0Ah Li-ion

Standard Equipment


Fast charger
Battery cartridges
Side handle
Depth rod
Case

A light weight, powerful and comfortable 3 mode hammer.

- :: 3 mode operation:
rotary only, hammer only
and rotary hammer.
- :: Rubberised ergonomic handle.



18v SDS+ rotary hammer

BHR202RFE 
BHR202Z* 

Max. in steel	13mm
Max. in wood	26mm
Max. in concrete	20mm
Blows per minute	0-4,000bpm
Impact energy	1.93J
Vibration:	
Rotary hammer	14.5m/s ²
Hammer only	11.0m/s ²
No load speed	0-1,100rpm
Net weight	3.2kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Side handle
Depth rod
Case

Compact and light weight 3 mode hammer.

- :: 3 mode operation:
rotary only, hammer only
and rotary hammer.
- :: LED Job light with afterglow.
- :: Rubberised ergonomic handle.



* Body only "Z" versions are supplied without battery, charger and case.

18 VOLT

18v Combi drill 3 speed

BHP451RFE	x2
BHP451RFE3	x3
BHP451Z*	X

Max. in steel	13mm
Max. in wood	65mm
Max. in masonry	16mm
Max. torque	80Nm
Blows per minute	3: 0-25,500bpm 2: 0-9,000bpm 1: 0-4,500bpm
No load speed	3: 0-1,700rpm 2: 0-600rpm 1: 0-300rpm
Net weight	2.2kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
2 screwdriver bits
Side handle
Depth rod
Belt clip
Case

High operation efficiency with high torque.

- :: Three speed gear box
- :: Twin LED job light with afterglow.
- :: Keyless heavy duty metal chuck.



18v Combi drill 2 speed

BHP452RFE	x2
BHP452RFE3	x3
BHP452Z*	X

Max. in steel	13mm
Max. in wood	38mm
Max. in masonry	13mm
Max. torque	50Nm
Blows per minute	2: 0-22,500bpm 1: 0-6,000bpm
No load speed	2: 0-1,500rpm 1: 0-400rpm
Net weight	1.8kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
2 screwdriver bits
Belt clip
Case

Compact and light weight for control and maneuverability.

- :: LED job light with afterglow.
- :: "Single sleeve" keyless chuck allows for easy one-hand bit replacement.



18v Combi drill 2 speed

BHP453RFE	x2
BHP453Z*	X

Max. in steel	13mm
Max. in wood	36mm
Max. in masonry	13mm
Max. torque	42Nm
Blows per minute	2: 0-19,500bpm 1: 0-6,000bpm
No load speed	2: 0-1,300rpm 1: 0-400rpm
Net weight	1.9kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Double ended bit
Case

Compact and light weight for control and maneuverability.

- :: LED job light with afterglow.
- :: "Single sleeve" keyless chuck allows for easy one-hand bit replacement.



* Body only "Z" versions are supplied without battery, charger and case.

18v Drill driver 3 speed

BDF451RFE

BDF451RFE3

Max. in steel	13mm
Max. in wood	65mm
Max. torque	80Nm
No load speed	3: 0-1,700rpm 2: 0-600rpm 1: 0-300rpm
Net weight	2.1kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
2 screwdriver bits
Side handle
Belt clip
Case

High operation efficiency with high torque.

- :: Three speed gear box
- :: Twin LED job light with afterglow.
- :: Keyless heavy duty metal chuck.



METAL GEAR BOX

FORWARD
MAX
80
N.m
REVERSE



18v Drill driver 2 speed

BDF452RFE

BDF452RFE3

BDF452Z

Max. in steel	13mm
Max. in wood	38mm
Max. torque	50Nm
No load speed	2: 0-1,500rpm 1: 0-400rpm
Net weight	1.8kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
2 screwdriver bits
Belt clip
Case

Compact and light weight for control and maneuverability.

- :: "Single sleeve" keyless chuck allows for easy one-hand bit replacement.
- :: LED job light with afterglow.



METAL GEARS



18v Drill driver 2 speed

BDF453RFE

Max. in steel	13mm
Max. in wood	36mm
Max. torque	42Nm
No load speed	2: 0-1,300rpm 1: 0-400rpm
Net weight	1.8kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Double ended bit
Case

Compact and light weight for control and maneuverability.

- :: LED job light with afterglow.
- :: "Single sleeve" keyless chuck allows for easy one-hand bit replacement.



* Body only "Z" versions are supplied without battery, charger and case.

18 VOLT

18v 4 Function combi

BTP140RFE 
BTP140Z* 

Max. in steel	10mm
Max. in wood	21mm
Max. in masonry	8mm
Max. torque (impact mode)	140Nm
Blows per minute:	
Impact	0-3,200bpm
Percussion	0-27,600bpm
No load speed	2: 0-2,300rpm 1: 0-700rpm
Net weight	1.8kg
Battery	3.0Ah Li-ion

Standard Equipment





Fast charger
Battery cartridges
Belt clip
Case

4 Operation modes for ultimate versatility: Impact driver, screwdriver, rotary drill and percussion drill.

- :: One-touch mode selection by operating only one lever, operation mode can be selected from the four.
- :: LED job light with afterglow.



18v Angle drill

BDA350RFE 
BDA350Z* 
BDA351RFE (Key-less chuck) 
BDA351Z* (Key-less chuck) 

Max. in steel	10mm
Max. in wood	25mm
Max. torque	13.7Nm
No load speed	0-1,800rpm
Net weight	1.6kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Side handle
Chuck key (BDA350 only)
Case

Choose between two chuck configurations to suit your needs.

- :: Compact and light weight.
- :: The keyed chuck has extra compact head height.
- :: LED job light with afterglow.



18v Impact driver

BTD140RFE 
BTD140RFE3 
BTD140Z* 

Machine screws	M4-M8
Standard bolt	M5-M14
Coarse thread	22mm-125mm
High tensile bolt	M5-M12
Max. torque	145Nm
Blows per minute	0-3,200bpm
No load speed	0-2,300rpm
Net weight	1.5kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Phillips bit
Belt clip
Case

Compact with overall length of only 146mm.

- :: Weights only 1.5kg for easy handling.
- :: Phosphorescent bumper.
- :: LED Job light with afterglow.



* Body only "Z" versions are supplied without battery, charger and case.

18v Brushless Impact driver

BTD144RFE



BTD144Z*



NEW

Machine screws	M4-M8
Standard bolt	M5-M14
Coarse thread	22mm-125mm
High tensile bolt	M5-M12
Max. torque	160Nm
Blows per minute	3: 0-3,400bpm 2: 0-2,800bpm 1: 0-1,300bpm
No load speed	3: 0-2,600rpm 2: 0-2,000rpm 1: 0-1,300rpm
Net weight	1.5kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
2 Phillips bits
Belt clip
Case

Maintenance free working and more work per battery.

- :: LED Job light with afterglow and off switch.
- :: Electronic speed control.



18v Angle impact driver

BTL061RFE



BTL061Z*



Machine screws	M4-M8
Standard bolt	M4-M12
Coarse thread	22mm-75mm
High tensile bolt	M4-M8
Max. torque	60Nm
Blows per minute	0-3,000bpm
No load speed	0-2,000rpm
Net weight	1.7kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
2 Phillips bits
Belt clip
Case

Compact angled head for easy access in tight places.

- :: Convenient reverse switch.
- :: High comfort grips.
- :: LED Job light with afterglow.



18v Impact wrench

BTW251RFE



BTW251Z*



Drive shank	1/2" square
Max. torque	230Nm
Blows per minute	0-3,200bpm
No load speed	0-2,100rpm
Net weight	1.7kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Belt clip
Case

High operation efficiency with high torque.

- :: Weights only 1.7kg for easy handling.
- :: Phosphorescent bumper.
- :: LED Job light with afterglow.
- :: 1/2" square drive.



* Body only "Z" versions are supplied without battery, charger and case.

18 VOLT

18v Impact wrench

BTW450RFE 
BTW450Z* 

Drive shank	1/2" square
Max. torque	440Nm
Blows per minute	2,200bpm
No load speed	1,600rpm
Net weight	3.4kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Belt clip
Case

High operation efficiency with 440Nm of torque.

- :: Same 440Nm of torque in both rotational directions.
- :: large protective front bumper.
- :: LED Job light with afterglow.
- :: Easy to operate rocker trigger.



18v Auto-feed screwdriver

BFR750RFE 
BFR750RFE3 
BFR750Z* 

Capacities:	
Diameter	4mm
Length	45-75mm
No load speed	4,000rpm
Net weight	2.3kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Phillips bit
Belt clip
Case

High operation efficiency delivered from high rotational speed and improved screw strip management.

- :: Improved casing.
- :: Anti tilt device prevents the screw from swaying.
- :: Dust proof construction.
- :: New silent clutch.
- :: Foldable screw guide keeps screw strips free from tangle.



18v Auto-feed screwdriver

BFR550RFE 
BFR550Z* 

Capacities:	
Diameter	4mm
Length	25-55mm
No load speed	4,000rpm
Net weight	2.3kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Phillips bit
Belt clip
Case


High operation efficiency delivered from high rotational speed and improved screw strip management.

- :: Improved casing.
- :: Anti tilt device prevents the screw from swaying.
- :: Dust proof construction.
- :: New silent clutch.
- :: Foldable screw guide keeps screw strips free from tangle.



* Body only "Z" versions are supplied without battery, charger and case.

18v Stapler

BST221RFE 
BST221Z* 

Capacities:	
Width	10mm
Length	10, 13, 16, 19 and 22mm
Staple gauge	0.6 x 1.2mm
Magazine capacity	98 Staples
Net weight	2.3kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Belt clip
Goggles
Case




**Hose-less operation,
enabling efficient interior
finishing work free from
a large compressor.**

**Machined aluminium
magazine for precision
and durability.**

- :: Single trigger switch.
- :: Depth adjustment.
- :: Rubberised ergonomic handle.



18v Circular saw

BSS610RFE 
BSS610RFE3 
BSS610Z* 

Max. cut @ 90°	57mm
Max. cut @ 45°	40mm
Max. cut @ 50°	36mm
Blade diameter	165mm
Bore diameter	20mm
No load speed	3,700rpm
Net weight	3.2kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Saw blade
Guide rule
Hex wrench
Case

Lightweight and compact.

- :: Smooth and powerful cutting at the high rotational speed of 3,700 rpm delivered from enhanced motor.
- :: Easy to trace cutting line with LED job light and Built-in blow-off nozzle.
- :: Rubberised ergonomic handle.



18v Circular saw

BSS611Z* 

Max. cut @ 90°	57mm
Max. cut @ 45°	40mm
Max. cut @ 50°	36mm
Blade diameter	165mm
Bore diameter	20mm
No load speed	3,700rpm
Net weight	3.1kg
Battery	3.0Ah Li-ion

Standard Equipment

Saw blade
Guide rule
Hex wrench

Lightweight and compact.

- :: Large lock-off lever.
- :: Removable dust nozzle.
- :: Rubberised ergonomic handle.



* Body only "Z" versions are supplied without battery, charger and case.

18 VOLT

18v Circular saw

BSS501RFE 
BSS501Z* 

Max. cut @ 90°	51mm
Max. cut @ 45°	35mm
Blade diameter	136mm
Bore diameter	20mm
No load speed	3,600rpm
Net weight	2.6kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Saw blade
Guide rule
Hex wrench
Case

Lightweight and compact.

- :: Large lock-off lever.
- :: Removable dust nozzle.
- :: Easy to trace cutting line with LED job light.
- :: Rubberised ergonomic handle.



18v Metal cutting saw

BCS550RFE 
BCS550Z* 

Max. cut @ 90°	51mm
Material thickness	3mm <small>mild steel</small>
Blade diameter	136mm
Bore diameter	20mm
No load speed	3,600rpm
Net weight	2.4kg
Battery	3.0Ah Li-ion

Standard Equipment




Fast charger
Battery cartridges
TCT saw blade
Hex wrench
Safety goggles
Case

Lightweight and compact.

- :: Smooth and powerful cutting at the high rotational speed of 3,400 rpm delivered from enhanced motor.
- :: Easy to trace cutting line with LED job light.
- :: Rubberised ergonomic handle.



18v 115mm Angle grinder

BGA452RFE 
BGA452RFE3 
BGA452Z* 

Wheel diameter	115mm
Bore size	22mm
No load speed	10,000rpm
Net weight	1.9kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Lock nut wrench
Side handle
Abrasive wheel
Case




Powerful angle grinder now free from the restriction of cables and power sockets.

- :: Capable of using wheels or discs for mains Grinders.
- :: Easy-to-grip, small circumference motor housing.
- :: Anti-restart function for safety (with warning lamp).
- :: Electronic current limiter (with warning lamp).



* Body only "Z" versions are supplied without battery, charger and case.

18v Reciprocating saw

BJR181RFE 
BJR181RFE3 
BJR181Z* 

Max. cut in wood	255mm
Max. cut in pipe	130mm
Length of stroke	28mm
Strokes per min	0-2,900spm
Net weight	3.7kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Reciprocating saw blade set
Hook
Case

Extra high cutting speed with large variable speed trigger.

- :: Tool-less blade change and Tool-less shoe adjustment.
- :: Dust preventing air flow protects the front head mechanism.
- :: Twin LED job light with afterglow.



18v Reciprocating saw

BJR182Z* 

Max. cut in wood	255mm
Max. cut in pipe	130mm
Length of stroke	28mm
Strokes per min	0-2,900spm
Net weight	3.5kg
Battery	3.0Ah Li-ion

Standard Equipment


Reciprocating saw blade

Extra high cutting speed model with large variable speed trigger.

- :: Tool-less blade change and Tool-less shoe adjustment.
- :: Dust preventing air flow protects the front head mechanism.
- :: Twin LED job light with afterglow.



18v Jigsaw

BJV180RFE 
BJV180Z* 

Max. cut in wood	135mm
Max. cut in steel	10mm
Length of stroke	26mm
Strokes per min	0-2,600spm
Net weight	2.8kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Hex wrench
Anti splinter device
Cover plate
Dust nozzle
Case

Lightweight and compact.

- :: Smooth and powerful cutting at the high stroke speed of 2,600 spm.
- :: Easy to trace cutting line with LED job light.
- :: Rubberised ergonomic handle.



* Body only "Z" versions are supplied without battery, charger and case.

18 VOLT

18v Portable band saw

BPB180RFE 

Max. cut in pipe:

Round pipe 120mm Dia

Square pipe 120 x 120mm

Blade speed 1.4 - 2.7m/s

Net weight 6.4kg

Battery 3.0Ah Li-ion

Standard Equipment

Fast charger

Battery cartridges

Hex wrench 4mm

Carbon steel saw blade

Case

Light weight and well balanced tool design.

- :: Electronic current limiter.
- :: LED Job Light with afterglow.
- :: Speed Preset Dial allows adjustment of the blade speed to suit material or desired finish.



18v Nibbler

BJS130RFE 

BJS130Z* 

Cutting capacity:

Mild steel 1.3mm

Stainless steel 1.0mm

Strokes per min 2,800spm

Net weight 2.3kg

Battery 3.0Ah Li-ion

Standard Equipment

Fast charger

Battery cartridges

Hex wrench

Belt clip

Case

Compact and light for easy handling and high maneuverability.

- :: 360° swivelling shear head.
- :: On tool storage for hex wrench.
- :: Lock off button for safe operation.



18v Vibrating poker

BVR350RFE 

Vibration 13,000vpm

Shaft diameter 25mm

Shaft length 800mm

Net weight 3.2kg

Battery 3.0Ah Li-ion

Standard Equipment

Fast charger

Battery cartridges

Case

Bi-directional switch for more convenient use.

- :: Ergonomically designed for maximum efficiency and minimum fatigue in operation.
- :: Enhanced protective cover.



18v Chainsaw

BUC122Z*



Cutting capacity	115mm
Chain speed	5.0m/sec
Chain pitch	1/4"
Chain gauge	25AP
Net weight	2.5kg
Battery	3.0Ah Li-ion

Standard Equipment

File
Chain oil
Chain bar cover

Low fatigue trimming and pruning, for use on branches, saplings and the like.

- :: Tool-less chain tensioning and blade change.
- :: Rubberised ergonomic handle.
- :: Automatic oiling.



18v Blower

BUB182Z*



NEW

Max air volume	2.3m³/min
Max air velocity	72m/sec
Max air pressure	5.4kPa
Net weight	1.7kg

Rubberised soft grip, ergonomically designed.

- :: Vacuum function.
- :: Variable speed trigger.
- :: 3 stage air setting dial.



18v Cordless torch

BML185*



BML185 Bulb	Xenon
Net weight	0.36kg
Battery	3.0Ah Li-ion
not supplied	

Standard Equipment

Bulb
Wrist strap

Rubberised soft grip, ergonomically designed.

- :: 4 position pivoting head with positive stops at 0, 45, 90, 110 degrees.
- :: Replacement Xenon bulb stored in the head case.
- :: With over discharge protection circuit.
- :: Falling impact strength of 1m enough to protect the bulb.



For multi voltage lamp (BML184) see page 25



18 VOLT

18v 2pc Combi kit

LXT202

x2

Combi drill	BHP451Z
Impact driver	BTD140Z
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
2 Battery cartridges
Case



18v 2pc Combi kit

LXT231

x2

Combi drill	BHP452Z
Jigsaw	BJV180Z
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
2 Battery cartridges
Case



18v 4pc Combi kit

LXT425

x3

Combi drill	BHP452Z
Jigsaw	BJV180Z
Angle grinder	BGA452Z
Torch	BML185
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
3 Battery cartridges
Case



18v 4pc Combi kit

LXT400

x3

Combi drill	BHP451Z
Circular saw	BSS610Z
Impact driver	BTD140Z
Torch	BML185
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
3 Battery cartridges
Soft tool bag



18v 6pc Combi kit

LXT600

x3

Combi drill	BHP451Z
Circular saw	BSS610Z
Reciprocating saw	BJR181Z
Impact driver	BTD140Z
Angle grinder	BGA452Z
Torch	BML185
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
3 Battery cartridges
Soft tool bag



Site radio

BMR100

X

Frequency:	
FM	87.5-108Mhz
AM	522-1629kHz

Dimensions:	
LxWxH	10 1/2" x 6 1/2" 12 1/7"
Net Weight	4.2kg

Power Supply:	
AC	power adaptor
DC	9.6v-24v battery

Standard Equipment

AC power adaptor

**Powered by any Makita
9v-24v cluster, slide battery
or mains adaptor.**


- :: AUX input for an MP3 player.
- :: Bumpers and metal bars
protect against rough handling.
- :: Shower Proof.



* Body only "Z" versions are supplied without battery, charger and case.

14.4 VOLT

14.4v SDS+ Hammer drill

BHR162RFE 
BHR162Z* 

Max. in steel	13mm
Max. in wood	24mm
Max. in concrete	16mm
Blows per minute	0-5,000bpm
Impact energy	1.2J
Vibration	12.5m/s ²
No load speed	0-1,500rpm
Net weight	2.1kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Side handle
Depth rod
Case

Light weight drilling at 2.1kg.

- :: Dual operation mode "rotary only and rotary hammer".
- :: High comfort grips.
- :: Conveniently located push button for rotation reverse.
- :: LED Job light with afterglow.
- :: Compact, lightweight and effective fixings hammer.



14.4v Combi drill 3 speed

BHP441RFE 
BHP441RFE3 

Max. in steel	13mm
Max. in wood	50mm
Max. in masonry	14mm
Max. torque	70Nm
Blows per minute	3: 0-25,500bpm 2: 0-9,000bpm 1: 0-4,500bpm
No load speed	3: 0-1,700rpm 2: 0-600rpm 1: 0-300rpm
Net weight	2.1kg
Battery	3.0Ah Li-ion

Standard Equipment




Fast charger
Battery cartridges
2 screwdriver bits
Side handle
Depth rod
Belt clip
Case

High operation efficiency with high torque.

- :: Twin LED job light with afterglow.
- :: Keyless heavy duty metal chuck.



14.4v Combi drill 2 speed

BHP442RFE 
BHP442RFE3 
BHP442Z* 

Max. in steel	13mm
Max. in wood	32mm
Max. in masonry	13mm
Max. torque	44Nm
Blows per minute	2: 0-21,000bpm 1: 0-6,000bpm
No load speed	2: 0-1,400rpm 1: 0-400rpm
Net weight	1.7kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
2 screwdriver bits
Belt clip
Case

Light weight and compact for working in difficult areas.

- :: LED job light with afterglow.
- :: "Single sleeve" keyless chuck allows for easy one-hand bit replacement.



* Body only "Z" versions are supplied without battery, charger and case.

14.4v Combi drill 2 speed

BHP343RH



1.5Ah

NEW

BHP343Z*



Max. in steel	10mm
Max. in wood	25mm
Max. in masonry	10mm
Max. torque	36Nm
Blows per minute	2: 0-19,500bpm 1: 0-6,000bpm
No load speed	2: 0-1,300rpm 1: 0-400rpm
Net weight	1.5kg
Battery	1.5Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Double ended bit
Case

High operation efficiency with high torque.

- :: "Single sleeve" keyless chuck allows for easy one-hand bit replacement.



1.5Ah
Lithium-ion
batteries for
even more
weight saving
and 15 MIN
CHARGE
TIME



14.4v Drill driver 3 speed

BDF441RFE



Max. in steel	13mm
Max. in wood	50mm
Max. torque	70Nm
No load speed	3: 0-1,700rpm 2: 0-600rpm 1: 0-300rpm
Net weight	2.0kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
2 screwdriver bits
Side handle
Belt clip
Case

High operation efficiency with high torque.

- :: Twin LED job light with afterglow.
- :: Keyless heavy duty metal chuck.



**METAL
GEAR BOX**

FORWARD
MAX
70
N.m
REVERSE



14.4v Drill driver 2 speed

BDF442RFE



BDF442RFE3



Max. in steel	13mm
Max. in wood	38mm
Max. torque	44Nm
No load speed	2: 0-1,400rpm 1: 0-400rpm
Net weight	1.7kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
2 screwdriver bits
Belt clip
Case

Light weight and compact for working in difficult areas.

- :: LED job light with afterglow.
- :: "Single sleeve" keyless chuck allows for easy one-hand bit replacement.



**METAL
GEARS**



* Body only "Z" versions are supplied without battery, charger and case.

14.4 VOLT

14.4v Drill driver 2 speed

BDF343RH



1.5Ah

NEW

BDF343Z*



Max. in steel	10mm
Max. in wood	25mm
Max. torque	36Nm
No load speed	2: 0-1,300rpm 1: 0-400rpm
Net weight	1.4kg
Battery	1.5Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Double ended bit
Case

High operation efficiency with high torque.

- :: "Single sleeve" keyless chuck allows for easy one-hand bit replacement



1.5Ah
Lithium-ion
batteries for
even more
weight saving
and 15 MIN
CHARGE
TIME



14.4v 4 Function combi

BTP130RFE



BTP130Z*



Max. in steel	10mm
Max. in wood	21mm
Max. in masonry	8mm
Max. torque	135Nm
Blows per minute:	
Impact	0-3,200bpm
Percussion	0-28,800bpm
No load speed	2: 0-2,400rpm 1: 0-700rpm
Net weight	1.7kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Belt clip
Case

4 Operation modes for ultimate versatility: Impact driver, screwdriver, rotary drill and percussion drill.

- :: One-touch mode selection by operating only one lever, operation mode can be selected from the four.
- :: LED job light with afterglow.



14.4v Angle drill

BDA340RFE



BDA340Z*



BDA341RFE (Key-less chuck)



BDA341Z* (Key-less chuck)



Max. in steel	10mm
Max. in wood	25mm
No load speed	0-1,800rpm
Net weight	1.5kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Side handle
Chuck key (BDA350 only)
Case

Choose between two chuck configurations to suit your needs.

- :: Compact and light weight.
- :: The keyed chuck has extra compact head height.
- :: LED job light with afterglow.



BDA340

BDA341



* Body only "Z" versions are supplied without battery, charger and case.

14.4v Impact driver

BTD130FRFE (blue) 

BTD130FRFEW (white) 

BTD130FRFER (red) 

Machine screws	M4-M8
Standard bolt	M5-M14
Coarse thread	22mm-125mm
High tensile bolt	M5-M12
Max. torque	140Nm
Blows per minute	0-3,200bpm
No load speed	0-2,400rpm
Net weight	1.4kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Belt clip
Case

Very compact with overall length of only 146mm.

- :: Weights only 1.4kg for easy handling.
- :: Phosphorescent bumper.
- :: LED Job light with afterglow.
- :: Available in a choice of 3 colours.



BTD130RFE BTD130RFEW BTD130RFE



14.4v Brushless impact driver

BTD132RFE 

BTD132ZZ* 

Machine screws	M4-M8
Standard bolt	M5-M14
Coarse thread	22mm-125mm
High tensile bolt	M5-M12
Max. torque	155Nm
Blows per minute	
High	0-3,200bpm
Medium	0-2,600bpm
Low	0-1,100bpm
No load speed	
High	0-2,400rpm
Medium	0-1,800rpm
Low	0-1,100rpm
Net weight	1.3kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Phillips bit
Belt clip
Case

Very compact with overall length of only 155mm.

- :: LED Job light with afterglow and off switch.
- :: Electronic speed control

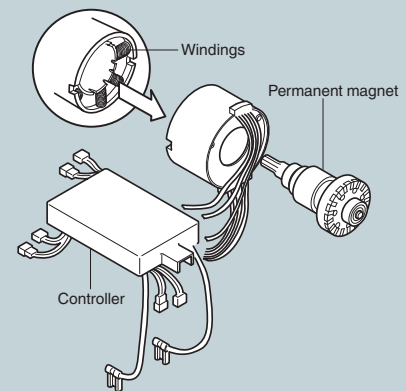


Control panel

- :: 3 stage speed control
- :: Indicator lights
- :: Job light on/off



Spark and maintenance free working due to the elimination of carbon brushes with the introduction of a controller unit and sensors. **This also means more work per battery when compared to a brush type motor.**



† Maintenance free: until the service life of ball bearings is over.

* Body only "Z" versions are supplied without battery, charger and case.

14.4 VOLT

14.4v Angle impact driver

BTL060RFE 
BTL060Z* 

Machine screws	M4-M8
Standard bolt	M4-M12
Coarse thread	22mm-75mm
High tensile bolt	M4-M8
Max. torque	60Nm
Blows per minute	0-3,000bpm
No load speed	0-2,000rpm
Net weight	1.6kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
2 Phillips bits
Belt clip
Case

Compact angled head for easy access in tight places.

- :: Convenient reverse switch.
- :: High comfort grips.
- :: LED Job light with afterglow.



14.4v Autofeed screwdriver

BFR540RFE 
BFR540RFE3 
BFR540Z* 

Capacities:	
Diameter	4mm
Length	25-55mm
No load speed	4,000rpm
Net weight	2.1kg
Battery	3.0Ah Li-ion

Standard Equipment


Fast charger
Battery cartridges
Phillips bit
Belt clip
Case

High operation efficiency delivered from high rotational speed and improved screw strip management.

- :: Improved casing.
- :: Anti tilt device prevents the screw from swaying.
- :: Dust proof construction.
- :: New silent clutch.
- :: Foldable screw guide keeps screw strips free from tangle.



14.4v Stapler

BST110RFE 
BST110Z* 

Capacities:	
Width	10mm
Length	7 and 10mm
Magazine capacity	125 staples
Net weight	1.9kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Goggles
Case

Hose-less operation, enabling efficient interior finishing work free from a large compressor.

- :: Double trigger for enhanced safety.
- :: Rubberised ergonomic handle.



* Body only "Z" versions are supplied without battery, charger and case.

14.4v Stapler

BST220Z*



Capacities:

Width	10mm
Length	10, 13, 16, 19 and 22mm
Staple gauge	0.6 x 1.2mm
Magazine capacity	98 staples
Net weight	2.3kg
Battery	3.0Ah Li-ion

Standard Equipment

Belt clip
Goggles

**Hose-less operation,
enabling efficient interior
finishing work free from
a large compressor.**

**Machined aluminium
magazine for precision
and durability.**

- :: Single trigger switch.
- :: Depth adjustment.
- :: Rubberised ergonomic handle.



14.4v Pin nailer

BPT350RFE



BPT350Z*



Capacities:

Diameter	0.6mm
Length	18, 25, 30 and 35mm
Nail gauge	23swg
Magazine capacity	110 nails
Net weight	2.0kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Case

**Hose-less operation,
enabling efficient interior
finishing work free from
a large compressor.**

- :: LED job light.
- :: Double trigger for enhanced safety.
- :: Depth adjustment.
- :: Anti-dry-fire mechanism locks trigger when 3 or less nails remain in the magazine.
- :: Rubberised ergonomic handle.



14.4v Circular saw

BSS500RFE



BSS500Z*



Max. cut @ 90°	51mm
Max. cut @ 45°	35mm
Blade diameter	136mm
Bore diameter	20mm
No load speed	3,600rpm
Net weight	2.5kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Saw blade
Guide rule
Dust nozzle
Hex wrench
Case

Lightweight and compact.

- :: Large lock-off lever.
- :: Removable dust nozzle.
- :: Easy to trace cutting line with LED job light.
- :: Rubberised ergonomic handle.



* Body only "Z" versions are supplied without battery, charger and case.

14.4 VOLT

14.4v 115mm Angle grinder

BGA450RFE 
BGA450Z* 

Wheel diameter	115mm
Bore size	22mm
No load speed	10,000rpm
Net weight	1.8kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Lock nut wrench
Side handle
Abrasive wheel
Case

Powerful angle grinder now free from the restriction of cables and power sockets.

- :: Capable of using wheels or discs for mains Grinders.
- :: Easy-to-grip, small circumference motor housing.
- :: Anti-restart function for safety (with warning lamp).
- :: Electronic current limiter (with warning lamp).



14.4v Jigsaw

BJV140RFE 
BJV140Z* 

Max. cut in wood	135mm
Max. cut in steel	10mm
Length of stroke	26mm
Strokes per min	0-2,600spm
Net weight	2.7kg
Battery	3.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Hex wrench
Anti splinter device
Cover plate
Dust nozzle
Case

Lightweight and compact.

- :: Smooth and powerful cutting at the high stroke speed of 2,600 spm.
- :: Easy to trace cutting line with LED job light.
- :: Rubberised ergonomic handle.



14.4v Chainsaw

BUC121Z* 

Cutting capacity	115mm
Chain speed	4.8m/sec
Chain pitch	1/4"
Chain gauge	25AP
Net weight	2.4kg
Battery	3.0Ah Li-ion

Standard Equipment

File
Chain oil
Chain bar cover

Low fatigue trimming and pruning, for use on branches, saplings and the like.

- :: Tool-less chain tensioning and blade change.
- :: Rubberised ergonomic handle.
- :: Automatic oiling.



* Body only "Z" versions are supplied without battery, charger and case.

14.4v Blower

BUB142Z*



NEW

Max air volume	2.3m³/min
Max air velocity	68m/sec
Max air pressure	5.4kPa
Net weight	1.6kg

**Rubberised soft grip,
ergonomically designed.**

- :: Vacuum function.
- :: Variable speed trigger.
- :: 3 stage air setting dial.



14.4v Cordless torch

BML145*



BML145 Bulb	Krypton
Net weight	0.36kg
Battery	3.0Ah Li-ion not supplied

Standard Equipment

Bulb
Wrist strap

**Rubberised soft grip,
ergonomically designed.**

- :: 4 position pivoting head with positive stops at 0, 45, 90, 110 degrees.
- :: Replacement Xenon bulb stored in the head case.
- :: With over discharge protection circuit.
- :: Falling impact strength of 1m enough to protect the bulb.



18v/14.4v Cordless lamp/torch

BML184*



Bulb	Fluorescent
Net weight	0.4kg
Battery	3.0Ah Li-ion not supplied

Standard Equipment

Bulb
Shoulder strap
Hook

**Rubberised soft grip,
ergonomically designed.**

- :: Dual voltage, both 18v and 14.4v lithium-ion batteries can be used with this lamp.



* Body only "Z" versions are supplied without battery, charger and case.

10.8 VOLT



10.8v Drill driver

DF030WE



Max. in steel	10mm
Max. in wood	21mm
Max. torque	24Nm
Torque settings	18 plus drill mode
No load speed	2: 0-1,300rpm 1: 0-350rpm
Net weight	0.88kg
Battery	1.3Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Screw driver bit
Case

Half size drill driver which is light and great for tight spaces.

- :: LED job light.
- :: Ideal for applications in tight spaces.
- :: Hex shank chuck for easy one handed release.
- :: Reversing switch.



10.8v Drill driver

DF330WE



NEW

Max. in steel	10mm
Max. in wood	21mm
Max. torque	24Nm
Torque settings	18 plus drill mode
No load speed	2: 0-1,300rpm 1: 0-350rpm
Net weight	1.0kg
Battery	1.3Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Screw driver bit
Case

Tiny and powerful three jaw chuck drill driver.

- :: LED job light.
- :: Ideal for applications in tight spaces.
- :: 3 jaw chuck, ideal for use with your existing accessories.
- :: Reversing switch.



10.8v Impact driver

TD090WE



Machine screws	M4-M8
Standard bolt	M5-M12
Coarse thread	22mm-90mm
High tensile bolt	M5-M10
Max. torque	90Nm
Blows per minute	0-3,000bpm
No load speed	0-2,400rpm
Net weight	0.92kg
Battery	1.3Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Screw driver bit
Case

Small and powerful impact driver.

- :: LED job light.
- :: Impact driver action delivers 90Nm torque.
- :: Minimal pressure required from the operator.
- :: Reversing switch.



7.2 VOLT



7.2v Drill driver

DF010DSE

Max. in steel	5mm
Max. in wood	6mm
Max. torque	5.6Nm
Torque settings	21 plus drill mode
No load speed	2: 650rpm 1: 200rpm
Net weight	0.55kg
Battery	1.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
2 x Phillips bits
Case

Versatile drill driver for those hard to get places.

- :: LED job light with on/off switch.
- :: Use in in-line or pistol mode.
- :: Soft start trigger.
- :: Reversing switch.



7.2v Screwdriver

DF011DS

Max. torque	4.5Nm
No load speed	220rpm
Net weight	0.41kg
Battery	1.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
2 x Phillips bits
Case

Versatile drill driver for those hard to get places.

- :: LED job light.
- :: Use in in-line or pistol mode.
- :: Soft start trigger.
- :: Reversing switch.



7.2v Impact driver

TD020DSE

Machine screws	M3-M8
Standard bolt	M3-M8
Coarse thread	22mm-45mm
High tensile bolt	M3-M6
Max. torque	20Nm
Blows per minute	3,000bpm
No load speed	2,300rpm
Net weight	0.53kg
Battery	1.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Holster
6 impact driver bit set
Magnetic bit holder
Clear screw guide inc. Pozi 2 bit
Soft case

Versatile impact driver for those hard to get places.

- :: LED job light with on/off switch.
- :: Use in in-line or pistol mode.
- :: Impact driver action delivers 20Nm torque.
- :: Minimal pressure required from the operator.
- :: Reversing switch.



7.2 VOLT



7.2v Cordless gas nailer

GN900SE



Nail type	Clipped head
Max length	50-90mm
Gauge	2.9-3.3mm
Magazine capacity	44
Magazine angle	34°
Shots per battery	4,000
Shots per fuel cell	1,200
Net weight	3.5kg
Battery	1.0Ah Li-ion

Standard Equipment

Fast charger
Battery cartridges
Hex wrench
Case

**No leads, no hoses,
just fast versatile power.**

- :: 30 minute charge time,
4 times quicker than the
leading competitor.
- :: The only gas nailer with
Lithium-ion battery technology.
- :: Shock absorbing battery fitting
to protect the terminals.
- :: LED low battery and error
detection system.



**The new first fix cordless gas
nailer designed for the demands
of the professional.**

Suitable for timber frames, roofing
joists and a host of other applications
Makita now have a better solution
with this portable machine.



The only gas nailer with
Lithium-ion battery technology





LITHIUM-ION

ACCESSORIES

Batteries and chargers

PART NUMBER	DESCRIPTION	TOOL MODEL NUMBER
Batteries		
194204-5	18V 3.0 Ah Li-ion battery cartridge	18V Li-ion machines
194065-3	14.4V 3.0 Ah Li-ion battery cartridge	14.4V Li-ion machines
194558-0	14.4V 1.5 Ah Li-ion battery cartridge	14.4V Li-ion machines
194550-6	10.8V 1.3 Ah Li-ion battery cartridge	10.8V Li-ion machines
194355-4	7.2V 1.0 Ah Li-ion battery cartridge	7.2V Li-ion machines
Chargers		
DC18RA	240V Li-ion quick charger, 22 minute charge time	18V and 14.4V Li-ion batteries*
DC18RA/1	110V Li-ion quick charger, 22 minute charge time	18V and 14.4V Li-ion batteries*
DC18SE	Automotive charger 12-24V input, 22 minute charge time	18V and 14.4V Li-ion batteries*
DC10WA	240V Li-ion 10.8V charger, 50 minute charge time	10.8V Li-ion batteries
DC07SA	240V Li-ion 7.2V charger, 30 minute charge time	7.2V Li-ion batteries

Accessories

PART NUMBER	DESCRIPTION		TOOL MODEL NUMBER
Impact drivers			
194281-7	Adjustable locator set with Ph2		BTD140, BTD142, BTD130,
	use to control the depth of the screw head		BTD132, BTP140, BTP130
194250-8	Keyless chuck sutable for impact drivers		BTD140, BTD142, BTD130,
	with ¼” hex fitting		BTD132, BTP140, BTP130
Autofeed screwdrivers			
194500-1	Extention handles		BFR540, BFR550, BFR750
Chain saws			
158476-6	Replacement guide bar		BUC121,BUC122
P-19928	Replacement chain		BUC121,BUC122
194524-7	Pruning extention		BUC121
194523-9	Pruning extention		BUC122
Torch/lamp			
A-30542	Replacament bulb set		BML185
A-83973	Replacament bulb set		BML145
B-07303	Replacament bulb set		BML184
SM00000050	Replacament florescent tube		BML184
Battery			
194649-7	Battery protector		18V and 14.4V
			Li-ion batteries
			BL1830 and BL1430

MAKITA ACCESSORIES
made for the best

*To charge stick, Ni-Cad and Ni-MH type batteries the 193947-6 adaptor will be required.



GUARANTEE

Every Makita Tool is thoroughly inspected and tested before leaving the factory and is guaranteed to be free of defects from workmanship and materials for the period of **ONE YEAR** from the date of original purchase. Should any trouble develop during this one year period, return the **COMPLETE** tool, freight prepaid, to **EITHER** an Authorised Makita Service Agent **OR** to Makita (UK) Ltd. If inspection shows the trouble is caused by defective workmanship or material, Makita will repair **WITHOUT CHARGE**.

This guarantee does not apply where:

- Repairs have been made or attempted by others.
- Repairs are required because of normal wear and tear.
- The tool has been abused, misused or improperly maintained.
- Alterations have been made to the tool.
- This guarantee does not affect your statutory rights.

WARNING: COUNTERFEIT TOOLS

Many fake Makita Tools are being offered for sale. Don't fall for the short term saving, they are low quality, without warranty, and have a minimal professional life. Buy only genuine Makita Tools through a reputable dealer.

Dealer stamp



Satisfying the professional's needs

Makita UK
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