

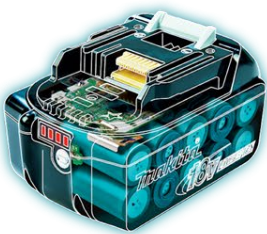


THE **LXT** ADVANTAGE

Today, LXT® is the preferred cordless tool system on commercial and residential job sites, boasting one of the industry's largest collection of 18V tools and accessories. Makita® continues to set the bar when it comes to premium power and run-time, ensuring that the LXT® system delivers durable, dependable, high performance tools needed to complete any job.



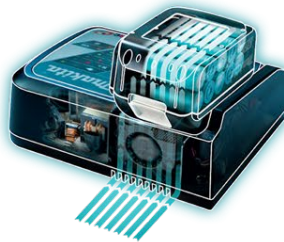
THE **LXT** ADVANTAGE



LXT® BATTERY

UP TO **50% MORE RUN TIME***

Battery delivers constant power and run time in extreme temperatures, even in winter (20°C). Equipped with Star Protection Computer Controls™ to protect against overload, over-discharge, and overheating.



RAPID OPTIMUM CHARGER

UP TO **3X FASTER CHARGING***

The Makita® Rapid Optimum Charger communicates with the battery's built-in chip throughout the charging process to optimise battery life by actively controlling current, voltage and temperature.

¹ Vs. Makita® 18v Ni-Cd Battery. ² Vs. Makita® 18v Ni-Cd Charger.

THE **LXT** ADVANTAGE



PURPOSE-BUILT BRUSHLESS MOTOR

UP TO **50% LONGER MOTOR LIFE***

Makita-built Brushless Motor eliminates carbon brushes, enabling the motor to run cooler and more efficiently for longer life.



STAR PROTECTION COMPUTER CONTROLS™

EFFICIENT POWER MANAGEMENT*

The demanding applications you take on every day are also demanding on your cordless tools and batteries. You rely on your tools, so Makita created Star Protection Computer Controls™.

³ Vs. Makita® Cordless Motors with Brushes. ⁴ Protection against Overloading, Over-Discharging & Overheating.



EXTREME PROTECTION TECHNOLOGY

Makita® Extreme Protection Technology (XPT™) is a series of protective seals inside the tool engineered to channel water, dust, and debris away from the tool's key internal components, providing durability and longer tool life.

**SOFT
START**

SOFT START

This feature is designed to gradually increase the speed of the unit to operation speed, reducing Torque twist on high torque tools and ensures the tools transitions smoothly to operation speed from start up



AUTO-START WIRELESS SYSTEM

Makita's Auto Wireless System allows AWS equipped tools to use the Bluetooth controller chip to communicate with AWS equipped Vacuum and receivers to turn on the Vacuum once the tool is switched on

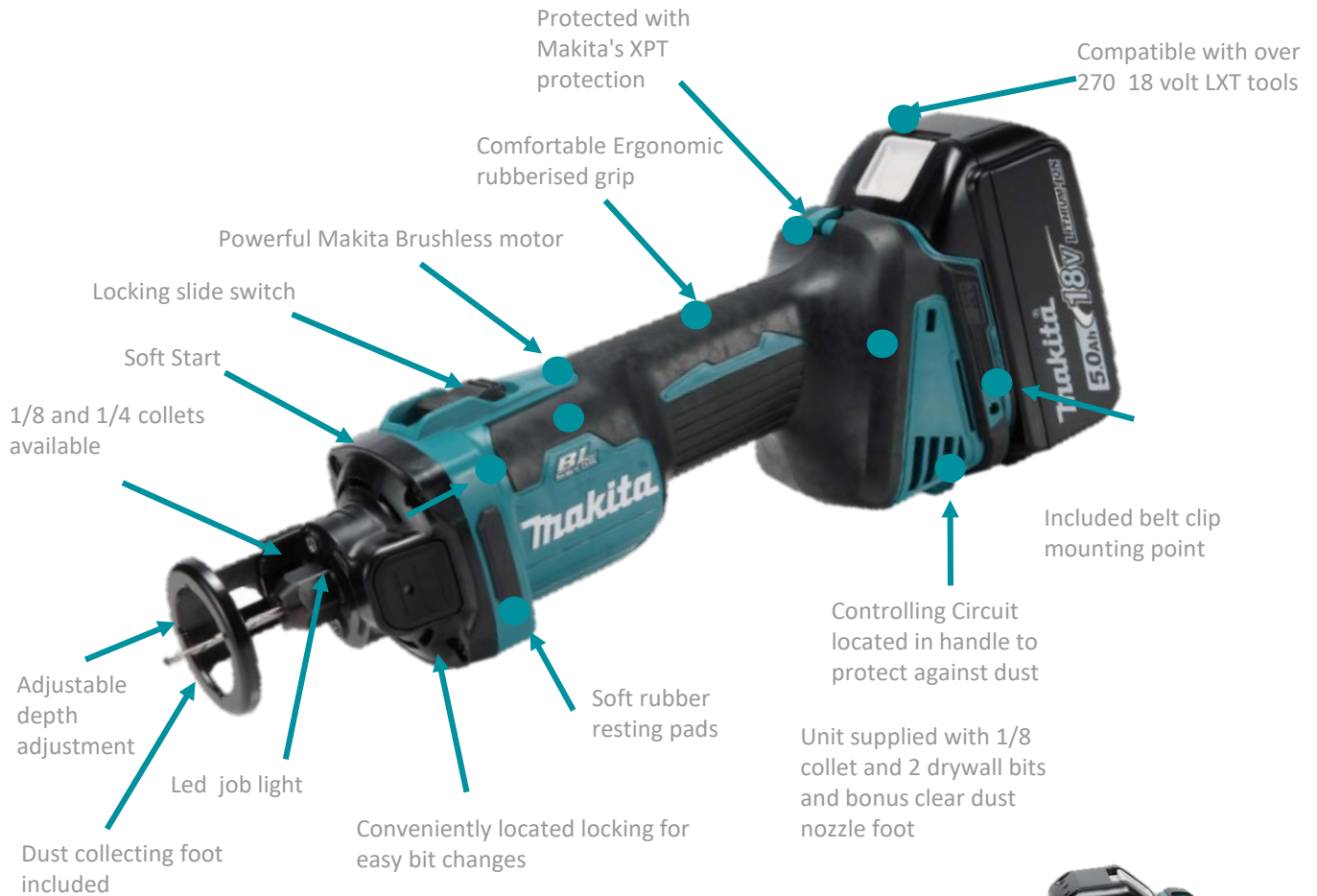


STAR PROTECTION COMPUTER CONTROLS

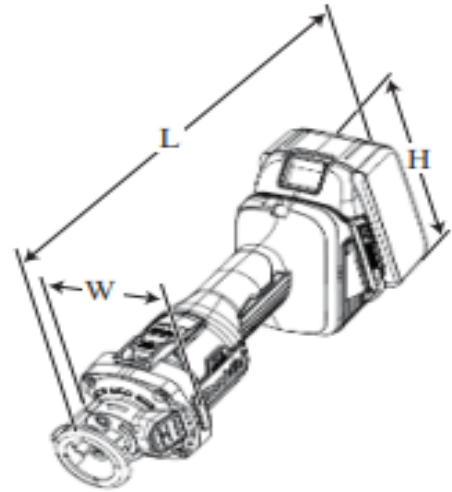
Star Protection protects the Tool and the Battery from damage from 3 factors,

- Overloading from excessive draw,
- Over-discharge from being used past the batteries lower voltage settings
- Overheating due to extreme loads and hot environmental conditions.

The system has set parameters loaded into the batteries circuitry to shut down the Battery and Tool, to prevent damage to the Battery and prolong the life of both the Tool. Ensuring both battery and Tool are operating within manufacturers specifications.



Model	DCO181
Battery voltage: V	18v
Max output power: W	600 Watts
No load speed: min-1= rpm	0 – 32,000
Collet capacity: mm (")	3, 6, 3.18 (1/8), 6.35 (1/4)
Stroke length of shoe plate: mm [Distance from the end face of collet nut	9.2 to 31.0 mm
Soft start	Yes
Electric brake	Yes
LED job light	Yes
XPT (eXtreme Protection Technology)	Yes



Dimensions: mm (")	
Length (L)	311 (12-1/4)
Width (W)	79 (3-1/8)
Height (H 2) BL4040	117 (4-5/8)

DCO181 18V LXT Brushless AWS Cut-Out Tool

- Powered by a High power Brushless motor produces up to 32,000 RPM of cutting speed
- Makita's eXtreme Protection Technology (XPT) is engineered for improved dust and water resistance for operation in harsh conditions
- Unit can be quickly changed between 1/8 and 1/4 bits by swapping collets
- Balanced motor and Collet all work together reduce vibration allowing for more comfort during operation
- XPT protects the unit from the effects of Plaster dust entering the units Electronics and motor
- Brushless motor Eliminates the need for Carbon Brushes
- Adjustable Depth adjustment between 9-25 mm of cutting depth
- Cutting depth of up to 31 mm (without guide measured to collet)
- Less vibration compared with DCO180 due to the spindle integrated with the motor shaft
- Auto-start Wireless System (AWS) connects via Bluetooth with AWS compatible Vacuums and AWS receivers
- Twin LED job light with afterglow function for more visibility in Dimly lit areas
- Soft start suppresses start-up reaction for more control and better accuracy
- Compact and lightweight design creates a highly manoeuvrable unit
- Innovative metal shoe doubles as Collet Wrench
- Slide switch with lock-on for operator convenience
- Compatible with the dust collection cover, enabling connection to a vacuum cleaner
- Electric brake slows bit rotation when turned off for improved productivity
- Durable, reversible belt clip convenient for temporary tool hanging
- Battery protection circuit protects against overloading, over-discharging and overheating

POWER



Powerful Brushless motor rotates bits up to 32,000 Rpm and has been balanced inline with collet to ensure smooth operation

DURABILITY



Unit is protected with Makita's XPT protection making the DC0181 perfectly suited for the dust associate with plasterboard applications

DESIGN



Built-in twin afterglow led light effectively illuminates the work area

DESIGN



Compact design incorporates a powerful brushless motor, AWS connectivity and comfortable hand position, weighing only 1.6 Kg's when matched with 6 Amp LXT Battery

CONTROL



Unit is supplied with 1/8" collet, two 1/8" drywall bit wrench dust port and metal depth

DESIGN



Quick depth adjustment between 0-25 mm via sliding guide and locking screw

INNOVATION



AWS Wireless connection connects the DCO181 wirelessly to either AWS enabled vacuums or AWS receiver to switch on conventional vacuums wirelessly

DESIGN



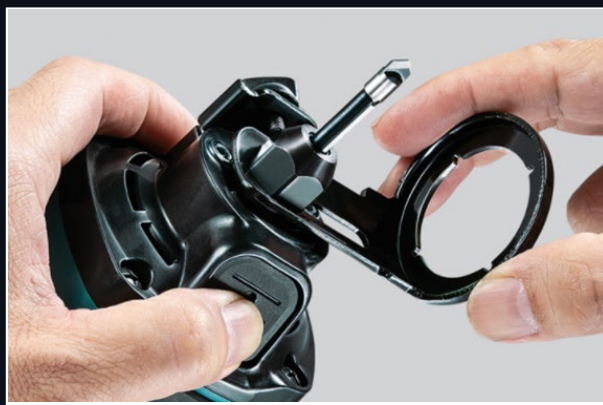
Powerful Brushless motor tackles double lined application up to 32mm

PERFORMANCE



22 mm dust nozzle effectively captures dust and directs to connected vacuum

DESIGN



Spindle lock is easily accessible and is located just below collet to assist in quicker bit changes

CONNECTIVITY



AWS feature is quickly enabled and synced, with highly visible indicator

PERFORMANCE



Quiet operation under 79 dB for improved operator comfort

CONTROL



Depth of bit can be set to have bit end penetrate wallboard and not damage framing of items behind wall lining

CONTROL



Unit is equipped with Electronic Brake which actively works to stop blade rotation for improved user safety

CONTROL



Bitts have been designed with rounded ends to allow them to run along framing

DESIGN



Metal shoe plate doubles as collet wrench

DESIGN



Bit rotation indicated below collet to advise user of cutting direction

P-70378



- P-70378 38 mm Hose adaptor
- <https://www.makita.co.nz/accessories/item/sanding-503>

192349-3



- 192349-3 Joint 25
- For use with VC4210 and VC3212 Vacuum hoses

38 MM 4 M HOSE



- P-84084 Suction hose \varnothing 32mm x 4m black AS cpl For VC4210 and VC3012 Vacuums .

28 MM HOSES



- A-34235 28 mm 1.5 m
- 195437-5 28 mm 2.5 m
- 195433-3 28 mm 3.5 m
- 195436-7 28 mm 5 m

1/4 Wall BOARD BIT



- 733232-1 1/4 Plaster board bit

1/4 COLLET CONE



- 763676-1 1/4 ' Collet cone

1/8 Wall BOARD BIT



- 191G68-0 1/8 Plasterboard bit 5 pack

DUST NOZZLE



- 193449-2 Clear Dust Nozzle

1/8 COLLET CONE



- 733677-9 1/8" Collet cone

COLLET NUT



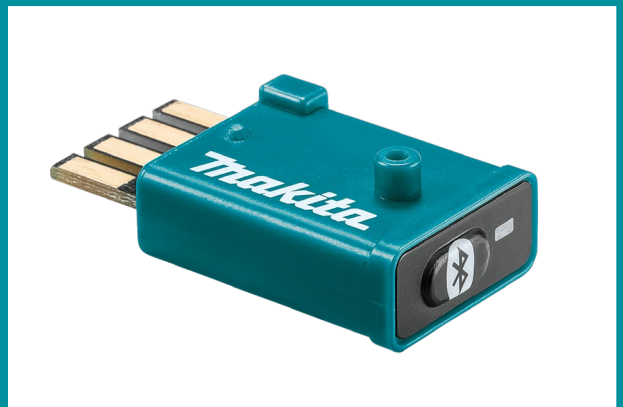
- 763258-9 Collet nut

CIRCLE GUIDE



- 193448-4 Circular Guide

AWS CHIP



- AWS Auto-Start Wireless Transmitter (198901-5)
- <https://www.makita.co.nz/accessories/item/dust-431>

195547-8



- 195547-8 22 mm Front cuff for 28 mm Hose

SHOE PLATE



- 346796-2 Shoe plate

Folding Knife



- Quick Change Folding Lockback Knife
- <https://www.makita.co.nz/accessories/item/misc-313>

GLOVES



- B-90205 Gloves Pro Contractors Medium
- B-90211 Gloves Pro Contractors Large
- B-90227 Gloves Pro Contractors X-Large

AWS ADAPTOR



- Wireless unit adapter with AWS chip (199766-8)
- <https://www.makita.co.nz/accessories/item/dust-429>

AWS BACKPACK VAC



- DVC265ZXU supplied with 1.5m Hose 32mm, 38 mm, 22 mm, Tool Adapter and AWS Adapter <https://www.makita.co.nz/products/model/DVC265>

AWS VACUUM



- **DVC157** 18Vx2 (36V) LXT Brushless Dry Dust Extractor - HEPA filter
- <https://www.makita.co.nz/products/model/DVC157>