

**Makita**

# 18V 125mm (5") Random Orbit Sander

**LXT**

DBO180



# Product Statement

## 18V 125mm (5") Random Orbit Sander

The 18V LXT125 mm (5") Random Orbit Sander is designed for efficient sanding with three speed settings for quick material removal. It offers up to 40 minutes of runtime on low speed and 20 minutes on high speed per charge (BL1830B). The sander features a 2.8 mm random orbit action for fast, swirl-free finishing, and includes a one-touch electronic speed control switch for easy adjustment.

Built for comfort, it has an ergonomic body and grip, a pad brake for improved finish quality, and an efficient dust collection system. Durable components like a dust-sealed switch and bearing, along with oversized sealed-ball bearing construction, ensure longevity. Compatible with Makita vacuum cleaners, it uses 125 mm (5") hook-and-loop abrasive paper and includes a battery protection circuit for extended tool life.



# Product Overview





# Product Specification Sheet



Abrasive paper size	125mm (5")
Pad size	123mm
Orbits per minute	7,000/9,500/11,000opm
Orbit diameter	2.8mm
Sanding strokes	14,000/19,000/22,000spm
Overall length	175mm
Skin weight	1.1kg
Weight (with battery)	1.7kg (BL1830B)
Voltage	18V

- **3 stage speed control** – push button control allows for 3 stage speed control in order to optimise the operating speed according to the finish requirements
- **Compact Design** – redesigned with a lower center of gravity for improved handling and maneuverability during extended tasks
- **High power** – powerful motor with high output, matching the power of the AC model for high efficiency in material removal
- **Ergonomically contoured grip** – ergonomic grip design for comfortable use single handed, contoured to the palm of your hand for comfortable use in prolonged applications
- **Dust box** - includes a standard dust box for efficient dust extraction during sanding, ensuring enhanced user safety
- **Vacuum Compatible** -the extraction port can connect to a dust extraction system for optimal dust removal efficiency
- **Hook & loop fastening** – compatible with use of both hook and loop style sanding sheets
- **Brake Pad** - engineered to minimize free spin, enhance overall finish, and reduce the risk of injury to the user and damage to the material

# Advantages

## Power



Large 2.8mm orbit action engineered for efficient sanding

## Control



Electronic 3 stage speed control for optimised control of finish requirements

## Comfort



Compact and ergonomically designed for comfortable handling, ensuring ease of use

## Dust Extraction



Self dust collection with supplied box or compatible with dust extractor

## Base Compatibility





The DBO180 features a quick-change system compatible with 125 mm (5") (8-hole) hook-and-loop abrasive paper, facilitating efficient pad changes for uninterrupted workflow.

This model includes interchangeable sanding pads, such as sponge, wool, and felt accessories, enabling versatile sanding operations across wood, metal, and other materials. From intricate detailing to larger projects, the DBO180 delivers precise results with reliability and efficiency, making it an ideal choice for professionals.





# Our Range



	DBO381	DBO480	DBO180	DBS180
				
Abrasive paper size	125mm	Hook & Loop Type: 114 x 102mm Clamp Type: 140 x 114mm	93 x 228mm	9mm
Pad size	123mm	112 x 102mm	93 x 228mm	9 x 533mm
Orbits per minute	High: 11,000opm Med: 9,500opm Low: 7,000opm	High: 14,000opm Low: 11,000opm	High: 12,000opm Med: 8,000opm Low: 4,000opm	600 - 1,700m/min
Orbit diameter	2.8mm	1.5mm	2.0mm	-
Sanding strokes	High: 22,000spm Med: 19,000spm Low: 14,000spm	High: 28,000spm Low: 22,000spm	High: 24,000spm Med: 16,000spm Low: 8,000spm	-
Overall length	175mm	171mm	336mm	500mm
Skin weight	1.1kg	1.1kg	1.6kg	1.5kg
Weight (with battery)	1.7kg	1.7kg (BL1860B)	2.2kg (BL1860)	2.1kg
Voltage	18V	18V	18V	18V

# Accessories





## Standard Accessories

	794544-7 (For Re-order D-54536 (10PK))	125mm Aabrasive Disc – (120 Grit 1x)
	135246-0	Dust Box

## Optional Accessories

	197468-0	123mm Sanding Pad Hook & Loop
	794560-9	140mm Wool Pad Hook Loop

## Optional Accessories

	-	<a href="#">125mm Random orbital Sander Discs – Economy Grade</a> For wood sanding 40- 320 grit (10PK)
	-	<a href="#">125mm Random orbital Sander Discs – Standard Grade</a> Aluminum Oxide + Zinc Stearate 40- 400 Grit (10Pk) Aluminum Oxide + Zinc Stearate 40- 400 Grit (50Pk) Aluminum Oxide 40- 400 Grit (10Pk) Aluminum Oxide 40- 400 Grit (50Pk)
	-	<a href="#">Sanding &amp; Polishing Accessories</a> (Hook & Loop) Sponge Pad Wool Pad Felt Pads Hard/Soft polishing Discs
	194746-9	Paper Dust Bag – (5PK)



# Extraction System

Model	Applicable Cuffs	Hose	Vacuum
	 <p>22mm Power Tool Adaptor – W107418661</p>	 <p>32mm Quick Fit Hose – P-84084</p>	 <p>VC2012L</p>
	 <p>22mm Quick Fit Tool Adaptor - W107418678</p>		 <p>VC3012L (Quick fit Hose)</p>
	 <p>24mm Quick Fit Adaptor– P-70378</p>	 <p>Hose Complete P-81739</p>	 <p>VC4210L</p>
	 <p>24mm Rubber Power Tool Adaptor – P-81745</p>		