

Makita

18V Brushless 1/3 Sheet Finishing Sander

LXT



DB0381

Product Statement

18V Brushless 1/3 Sheet Finishing Sander

The 18V LXT Brushless 1/3 Sheet Finishing Sander (DBO381) delivers increased efficiency and mobility to woodworkers. The DBO381 features three speed settings, superior ergonomics and up to 50 minutes of run time on a single 6.0Ah battery (battery sold separately).

Match the speed to the application with three speed settings (4,000/8,000/12,000 OPM), which are easily changed with a one-touch electronic control switch and Constant Speed Control automatically provides additional power to the motor to maintain speed under load for consistent performance. The large 2mm random orbit action is engineered for efficient sanding, fast material removal, and a swirl-free finish.

For improved efficiency, it's compatible with Auto-Start Wireless System technology (AWS). AWS utilizes Bluetooth® technology for wireless communication between the tool and dust extractor (sold separately). When the trigger is engaged, the AWS-equipped dust extractor powers-up. When the trigger is released, the dust extractor powers-down.



Product Overview

LXT

Constant speed control

3 Stage speed control

Removable front grip

AWS
Auto - start Wireless System

Paper clamp fastening system

Dust box / vacuum compatible

XPT
EXTREME PROTECTION TECHNOLOGY





Abrasive paper size	93 x 228mm
Pad size	93 x 185mm
Orbits per minute	High: 12,000opm Med: 8,000opm Low: 4,000opm
Orbit diameter	2.0mm
Sanding strokes	High: 24,000spm Med: 16,000spm Low: 8,000spm
Overall length	336mm
Skin weight	1.6kg
Weight (with battery)	2.2kg (BL1860)
Voltage	18V

- **Constant speed control** – maintains operating speed under load in order to optimize operation and provide an even finish
- **Removable front grip** – Ergonomic grip design for comfortable use single or double handed use with the front grip easily removable if the user requires the front of the pad to sand hard up against the material.
- **Paper clamp fastening system** – quick and easy tool-less paper clamp allows for fast paper changes and secure fastening of sanding papers.
- **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
- **Auto-start Wireless System (AWS)*** – compatible with AWS the DBO381 can be paired with a compatible vacuum for on demand dust extraction. AWS uses Bluetooth to wirelessly power on and off the extraction unit using the tools trigger.
- **Dust box / Vacuum Compatible** – dust box provided as standard for extraction of dust during sanding. Extraction port can also be connected to a dust extraction system for efficient dust extraction.
- **eXtreme Protection Technology (XPT)** – is an advances series of seals and channels to direct dust and moisture away from critical components ensuring the durability of the product in the toughest applications

*AWS receiver sold separately

Advantages

Power



Large 2mm random orbit action is engineered for efficient sanding

Control



Constant Speed Control
Maintains speed under load for an even finish

Versatility



Ergonomic grip design for comfortable operation with either one or two hands

Convenience



Compatible with AWS to wirelessly power your extraction unit

Our Range




	DBO381	DBO180	DBS180
			
Abrasive paper size	93 x 228mm	Ø 125mm	9mm
Pad size	93 x 185mm	Ø 123mm	9 x 533mm
Orbits per minute	High: 12,000opm Med: 8,000opm Low: 4,000opm	High: 11,000opm Med: 9,500opm Low: 7,000opm	600 - 1,700m/min
Orbit diameter	2.0mm	2.8mm	-
Sanding strokes	High: 24,000spm Med: 16,000spm Low: 8,000spm	High: 22,000spm Med: 19,000spm Low: 14,000spm	-
Overall length	336mm	175mm	500mm
Skin weight	1.6kg	1.1kg	1.5kg
Weight (with battery)	2.2kg (BL1860)	1.7kg	2.1kg
Voltage	18V	18V	18V

Accessories

Standard Accessories

	135327-0	Dust box assembly
	51271-6	Punch plate
	A-31267	Abrasive paper 93x228 Grit #120
	422807-8	Battery protector (protects battery when changing sanding papers)

Optional Accessories

	198901-5	AWS Wireless Unit
	P-31837 P-31843 P-31859 P-31865 P-36011 P-36027 P-36033 P-36049	<u>1/3 Sheet Sanding Paper 10 Pack</u> Aluminium Oxide For Raw Wood Painted Wood, Metal, Plastic & Fillers #40 #60 #80 #100 #120 #150 #180 #240
	P-36055 P-36061 P-36077 P-36083 P-36099 P-36108 P-36114 P-36120	<u>1/3 Sheet Sanding Paper 50 Pack</u> Aluminium Oxide For Raw Wood Painted Wood, Metal, Plastic & Fillers #40 #60 #80 #100 #120 #150 #180 #240