

FLIP-OVER SAW

D27107, D27107XPS

Congratulations!

You have chosen a DeWALT tool. Years of experience, thorough product development and innovation make DeWALT one of the most reliable partners for professional power tool users.

Technical Data

		D27107	D27107XPS
Voltage	V _{AC}	230	230
Type		7	5 (D27107 with worklight LED)
Power input	W	2000	2000
Power output	W	1080	1080
Max. blade speed	min ⁻¹	4000	4000
Blade diameter	mm	305	305
Blade bore	mm	30	30
Blade body thickness	mm	2.1–2.2	2.1–2.2
Living knife thickness	mm	2.5	2.5
Automatic blade brake time	s	< 10	< 10
Weight	kg	42	42

Cutting capacities

Mitre saw mode

Mitre (max. positions)	left	48°	48°
	right	48°	48°
Bevel (max. positions)	left	48°	48°
	right	2°	2°
Max. crosscut capacity at 90°/90°	mm	205 x 63	205 x 63
Max. mitre cut capacity at 45°	mm	160	160
Max. depth of cut 90°	mm	90	90
Max. depth of bevel cut 45°	mm	60	60
Max. depth of cut at 45° bevel, 45° mitre	mm	60	60

Saw bench mode

Max. ripping capacity left/right	mm	120/320	120/320
Depth of cut at 90°	mm	80	80
Depth of cut at 45°	mm	56	56

Noise values and/or vibration values (tri-ax vector sum) according to EN61029:

L _{PA} (emission sound pressure level)	dB(A)	95.0	95.0
L _{WA} (sound power level)	dB(A)	106.0	106.0
K (uncertainty for the given sound level)	dB(A)	3.0	3.0
Vibration emission value a _H =	m/s ²	2.1	2.1
Uncertainty K =	m/s ²	1.5	1.5

The vibration and/or noise emission level given in this information sheet has been measured in accordance with a standardised test given in EN61029 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.

WARNING: The declared vibration and/or noise emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration and/or noise emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration and/or noise should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Identify additional safety measures to protect the operator from the effects of vibration and/or noise such as: maintain the tool and the accessories, keep the hands warm (relevant for vibration), organisation of work patterns.

NOTE: This device is intended for the connection to a power supply system with maximum permissible system impedance Z_{max} of 0.28 Ω at the interface point (power service box) of user's supply.

The user has to ensure that this device is connected only to a power system which fulfils the requirement above. If necessary, the user can ask the public power supply company for the system impedance at the interface point.

EC-Declaration of Conformity

Machinery Directive



FLIP-OVER SAW

D27107/D27107XPS

DeWALT declares that these products described under **Technical Data** are in compliance with: 2006/42/EC, EN61029-1:2009 + A.11:2010, EN61029-2-11:2012 + A.11:2013.

These products also comply with Directive 2014/30/EU and 2011/65/EU. For more information, please contact DeWALT at the following address or refer to the back of the manual.

The undersigned is responsible for compilation of the technical file and makes this declaration on behalf of DeWALT.

Markus Rempel
Vice President of Engineering, PTE-Europe
DeWALT, Richard-Klinger-Straße 11,
D-65510, Idstein, Germany
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Definitions: Safety Guidelines

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

DANGER: Indicates an imminently hazardous situation which, if not avoided, **will** result in **death or serious injury**.

WARNING: Indicates a potentially hazardous situation which, if not avoided, **could** result in **death or serious injury**.

CAUTION: Indicates a potentially hazardous situation which, if not avoided, **may** result in **minor or moderate injury**.

NOTICE: Indicates a practice **not related to personal injury** which, if not avoided, **may** result in **property damage**.

Denotes risk of electric shock.

Denotes risk of fire.

Safety Instructions

WARNING! When using electric tools basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury including the following.

Read all these instructions before attempting to operate this product and save these instructions.

SAVE THIS MANUAL FOR FUTURE REFERENCE

General Safety Rules

- Keep work area clear.**
 - Cluttered areas and benches invite injuries.
- Consider work area environment.**
 - Do not expose the tool to rain. Do not use the tool in damp or wet conditions. Keep the work area well lit (250300 Lux). Do not use the tool where there is a risk of causing fire or explosion, e.g., in the presence of flammable liquids and gases.
- Work floor area.**
 - DO NOT use the stand on uneven surfaces. The stand is designed to be used on a flat, stable surface. If the saw stand can slide around or wobbles, the power tool or the workpiece cannot be evenly and securely guided.
- Guard against electric shock.**
 - Avoid body contact with earthed surfaces (e.g., pipes, radiators, cookers and refrigerators). When using the tool under extreme conditions (e.g., high humidity, when metal swarf is being produced, etc.), electric safety can be improved by inserting an isolating transformer or a (FI) earth-leakage circuit-breaker.
- Keep other persons away.**
 - Do not let persons, especially children, not involved in the work, touch the tool or the extension cord and keep them away from the work area.
- Store idle tools.**
 - When not in use, tools must be stored in a dry place and locked up securely, out of reach of children.
- Do not force the tool.**
 - It will do the job better and safer at the rate to which it was intended.
- Use the right tool.**
 - Do not force small tools to do the job of a heavy duty tool. Do not use tools for purposes not intended; for example do not use circular saws to cut tree limbs or logs.