

TILE SAW D24000

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

D24000		
Voltage	V	230
(U.K. & Ireland only)	V	230/115
Type		2
Power input	W	1,600 / 1,500
No-load speed	min ⁻¹	4,200
Disc diameter	mm	250
Disc bore	mm	25.4
Disc body thickness	mm	1.5
Type of cutting disc	straight, non-recessed (continuous rim)	
Max. peripheral speed cutting disc	min ⁻¹	5,000
Bevel settings	°	22.5/45
Max. ripping capacity	mm	610
Depth of cut at 90°	mm	95
Max. workpiece dimensions		
Tile (granite)	cm	64.5 x 64.5 x 1.2
Block (fired clay)	cm	30.5 x 30.5 x 9.0
Max. load		
Tile (granite)	kg	13
Block (fired clay)	kg	20
Overall dimensions	cm	86.4 x 68.6
Nominal weight	kg	32
Max. allowable weight (with water)	kg	51
L_{PA} (sound pressure)	dB(A)	90.0
K_{PA} (sound pressure uncertainty)	dB(A)	3.0
L_{WA} (sound power)	dB(A)	103.0
K_{WA} (sound power uncertainty)	dB(A)	3.1
Vibration total values (triax vector sum) determined according to EN 61029-1:		
Vibration emission value a_h		
$a_h =$	m/s ²	2.4
Uncertainty $K =$	m/s ²	1.5

The vibration emission level given in this information sheet has been measured in accordance with a standardised test given in EN 61029 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.



WARNING: The declared vibration 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 emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration 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 such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

Fuses

Europe	230 V tools	10 Amperes, mains
U.K. & Ireland	230 V tools	13 Amperes, in plugs
U.K. & Ireland	115 V tools	16 Amperes, mains

NOTE: This device is intended for the connection to a power supply system with maximum permissible system impedance Z_{max} of 0.30 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.

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**.

EC-Declaration of Conformity

MACHINERY DIRECTIVE



D24000

DEWALT declares that these products described under "technical data" are in compliance with:
2006/42/EC, EN 61029-1.

These products also comply with Directive 2004/108/EC. 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.

H. Grossmann

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29.12.2009

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

1 Keep work area clean

Cluttered areas and benches can cause accidents.

2 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 (250-300 Lux). Do not use