

DIACUT 2100 / 2200



Internal cut-outs and contours:

- These machines enable you to produce any imaginable cut-outs and reliefs in fiberglass, laminated paper and aluminium plates quickly and exactly, e.g.: cut-outs in fiberglass plates for the production of test adaptors or solder frames, rectangular, square or circular cut-outs for measuring instruments, displays, code switches in aluminium front plates or plastic housings, etc.
- A clean, straight cutting guide can also be achieved by manual guidance, as no delay is encountered because of the stroke movement of the tool, as is the case with rotating millers, for example.
- A drilling table is integrated on the right machine side with which the outlet bore for the following saw cut in internal cut-outs can be produced.
- CBN and HSS padsaw blades can be delivered as accessories for almost all materials.

Cutting performance DIACUT 2100:

PCB's made of fibreglass or laminated
paper up to 3 mm
Aluminium plates up to 2 mm *
Plastic plates up to 4 mm *

Cutting performance DIACUT 2200:

Fibreglass material up to 6 mm
Aluminium plates up to 4 mm *
Plastic plates up to 6 mm *

* cutting performance with the micro atomiser supplied as an accessory

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Technical data:

Machine:	DIACUT 2100	DIACUT 2200
Stroke speed:	ca. 1000 - 3000 strokes/min	ca. 1000 - 4500 strokes/min
Power consumption:	max. 300 Watts	max. 600 Watts
Power output:	ca. 50 Watts	ca. 180 Watts
Switching-on time:	ED = 50%	ED = 50%
Depth of cut:	ca. 8 mm	ca. 8 mm
Tool post:	CBN Ø 1.4 mm	CBN Ø 1.4 mm
Padsaw blade:	HSS 0.5 x 3 mm	HSS 0.5 x 3 mm
Drill collet chuck:	3 mm (f. 3mm shaft)	3 mm (f. 3mm shaft)
Drill speed:	2000 - 6000 min-1	2000 - 9000 min-1
Dimensions (WxHxD):	432 x 125 x 305 mm	432 x 125 x 305 mm
Weight:	ca. 10 kg	ca. 10 kg
Connected load:	230 V / 50 Hz	230 V / 50 Hz
Noise level:	min ca. 56 dbA max ca. 70 dbA	min ca. 56 dbA max ca. 70 dbA

Cutting tools:

- CBN tool post for fibreglass contour cutting, Ø approx. 1.4 mm
- CBN saw blade, for straight cutting of fibreglass, 0.5 x 3 mm,
Width of cut approx. 1.2 mm
- HSS saw blade for metal, fine toothed, 0.5 x 3 mm,
Width of cut approx. 0.8 mm
- HSS saw blade for aluminium, coarse toothed, 0.5 x 3 mm,
Width of cut approx. 0.8 mm
- HSS sawblade for plastic, coarse toothed, 0.5 x 3 mm,
Width of cut approx. 1.0 mm

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