

INTRODUCING THE **COMPCUT 1000**



A CUT ABOVE

COMPCUT 1000 SPECIFICATIONS

“
AUTOMATIC
POSITIONING
ALLOWS
MULTIPLE
SPECIMEN
CUTS WITH
NO USER
INTERVENTION
”



The Compcut 1000 advanced composite plate saw achieves precise cutting of a diverse range of materials to prepare highly accurate composite test specimens.

Highly accurate composite test specimens go straight from the Compcut 1000 to test.

With a cleared panel size of 1200 x 1200 mm this machine is perfect for larger laminate sizes and test specimens.

*Specification subject to change without notice. Test conditions apply. Weights are approximate and exclude packaging/shipping.

MATERIAL CAPACITY

Cleared panel size	1200x1200mm@20mm/1140x1200mm@50mm
Material thickness / cut depth*	0 - 50 mm or 50 - 100 mm
Overall cross cut travel X axis	1555 mm
Fence travel Y axis	1255 mm
Front specimen cut part table size	400 mm
Coolant capability	Flood coolant with bag filter

SPINDLE

Speed	2000-4500 RPM
Spindle power	2.4 kW
Blade size Ø-	300 - 400 mm
Blade thickness	1.5 - 4.5 mm

SPEEDS

Rapid Speeds X, Y, Z	125 mm/s
Cutting Speed	0.1 - 40 mm/s

ACCURACY, PERPENDICULARITY & PARALLELISM

Typical specimen perpendicularity / 100*	0.03 mm
Typical specimen parallelism / 100mm*	0.03 mm
Typical specimen parallelism / 300mm*	0.04 mm
Typical specimen parallelism / panel*	0.08 mm
Typical specimen dimensional accuracy*	0.05 mm
Typical specimen parallelism Z plane*	0.03 deg

EXTERNAL DIMENSIONS (MM)

Width x Depth x Height*	2200 x 2250 x 1375
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REQUIRED SERVICES

Power	415 V3 Ph 32A + N
Compressed air	70 - 100 psi Dried & Filtered
Extraction	Application specific