

EXTEC

SPEED. SAFETY. PRECISION.

Labcut 5000 composite test specimen cutting machines deliver.





Labcut 5000® composite test specimen cutting machines deliver **precision** with the **safety** and **speed** you want to get the job done right.

EXTEC LABCUT® 5000 SERIES COMPOSITE SAW SPECIFICATION COMPARISON

	Economy Model 50181	Model 50282	Model 50484
Material Capacity			
Cleared Panel Size	1 ft x 1 ft/ 300 x 300 mm	2 ft x 2 ft/ 600 x 600 mm	4 ft x 4 ft/ 1220 x 1220 mm
Material Thickness/Cut Depth *	20 mm - 30 mm *	0-50 mm or 50-100 mm option	0-50 mm or 50-100 mm option
Overall Cross Cut X Axis	550 mm	1100 mm	1555 mm
Fence Travel Y Axis	305 mm	605 mm	1255 mm
Front Specimen Cut Part Table Size	350 mm	400 mm	400 mm
Coolant Capability	Flood Coolant with Bag Filter	Flood Coolant with Bag Filter	Flood Coolant with Bag Filter
Spindle			
Speed	2000 - 4500 RPM	2000 - 4500 RPM	2000 - 4500 RPM
Spindle Power	1.5KW	2.4KW	2.4KW
Blade Size Diameter	200 - 250 mm	250 - 300 mm	300 - 400 mm
Blade Thickness	1.5 - 3.5 mm	1.5 - 4.5 mm	1.5 - 4.5 mm
Speed			
Rapid Speeds X,Y,Z	40 mm/s	150 mm/s	125 mm/s
Cutting Speed	0.1-40 mm/s	0.1-40 mm/s	0.1-40 mm/s
Accuracy / Repeatability			
Typical Specimen Perpendicularity / 100 mm	0.03 mm	0.03 mm	0.03 mm
Typical Specimen Parallelism / 100 mm	0.03 mm	0.03 mm	0.03 mm
Typical Specimen Parallelism / 300 mm	0.04 mm	0.04 mm	0.04 mm
Typical Specimen Parallelism / panel	N/A	0.07 mm	0.08 mm
Typical Specimen Dimensional Accuracy	0.05 mm	0.05 mm	0.05 mm
Typical Specimen Parallelism Z Plane	0.03 deg	0.03 deg	0.03 deg
External dimensions			
W x D x H	1220 mm x 1040 mm x 1500 mm	1900 mm x 1920 mm x 1650 mm	2200 mm x 2500 mm x 1650 mm
Required Services			
Standard	220V 1Ph 16A	415V 3Ph 32A	415V 3Ph 32A
Optional	110V 16A	N/A	N/A
Air - Dried & Filtered	70-100 PSI	70-125 PSI	70-125 PSI
Extraction	Application Specific	Application Specific	Application Specific

*cut depth can be increased using a 10" blade over the standard 8" blade.

Experience Labcut 5000® precision for yourself.

Want to see how a **Labcut®** machine works with your composite?
Send us a sample—we'll cut it and send it back to you, free of charge.



Follow the QR code for details or visit extec.com/labcut-5000

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