

Tensile Sample Preparation - **Tensilsaw**

The Tensilsaw, powered by a 20,000 RPM motor, is used to saw straight strips from glass laminates, composites, or hard plastics. The thin diamond blade cuts the material for insertion into the TensilkuT template or for flexural or other tests without heating or burning the strip edges. Strip widths of 1/4" to 1" can be accomplished with the Tensilsaw. A plexiglass guard above the blade acts as a chip shield.



Most materials which are typically cut on the Tensilsaw generate a great deal of dust. Tensilvac is ideal for removal of much of that dust as material is cut. The Tensilvac System includes a 5 gallon canister and the slots machined in the control area and table surface to remove a majority of the dust and chips created during the cutting process. Tensilvac must be ordered with the Tensilsaw for installation during fabrication; retrofitting to an existing machine is done only at extra cost.

Available Models:

TENSILSAW SPECIFICATIONS				
MODEL	HP	VOLTAGE	SIZE	WEIGHT
60-61	1	115/1	12" x 14" x 12" (31.5 x 36 x 34.5cm)	20 lb. (9 kg)
60-62	1	115/1	14" x 18" x 14" (35.5 x 45.5 x 35.5cm)	29 lb. (13 kg)

60-50 TENSILVAC SERIES				
Vacuum system installed on Tensilsaw removes glass laminate dust and plastic chips during machining of specimens. A slot and exhaust port are machined into Tensilsaw control unit and table surface.				
MODEL	VOLTAGE	CAPACITY	SIZE	WEIGHT
60-51	115/1	5 Gallons	12" Dia. x 16" (30.5 Dia. x 40.5cm)	15 lb. (7 kg)