

# Diamond Saw

<b>Diamond Saw</b>	
	
<b>Tool Type:</b> "Cutting Tool"	
<b>Location:</b> "Microfluidics Lab"	
Supervisor	Tool Lead
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<b>Description:</b> "Trim Saw 2"	
<b>Manufacturer:</b> "Allied"	

## About

The Trimsaw 2 is a saw designed for rapid sectioning of printed circuit boards, ceramic substrates and other abrasive non metals. Contains a built in reservoir which can be used to feed lubrication directly to the blade.

## Training

[trimsaw2SOP](#)

## Detailed Specifications

Motor power: .25 HP Speed range: 500-3000 RPM by 100 RPM increments Cutting platform: 6.75" x 12.5" Blade size: 4"-6"

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## Safety Concerns

- Keep hands clear of blade when machine is on
- Use only approved blades and do not cut metals with sectioning blades
- Use coolant or lubrication when making cuts
- Use fixtures and guides whenever possible to reduce risk of slipping into the blade

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## Reference Documentation

- [Allied blade catalog](#)
- [UKAM Industrial Superhard Tools](#)
  - Kool Mist MSDS

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