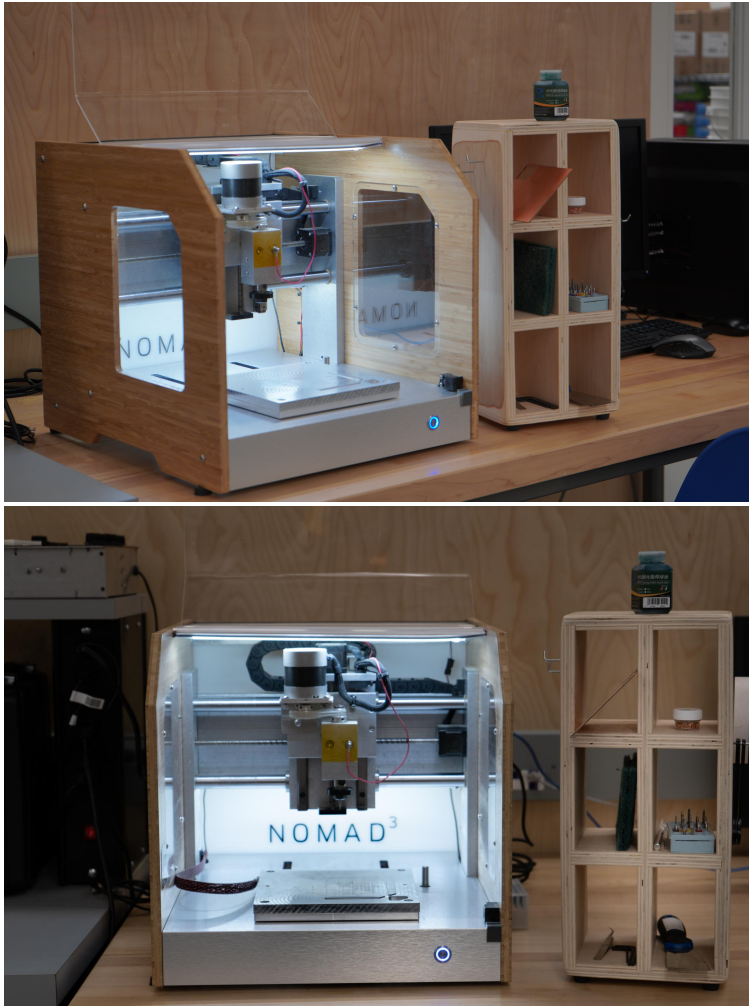


# PCB Mill

<b>A bo ut</b>	This mill is an enclosed desktop CNC mill used for PCB prototyping. Flatcam is used to generate a tool path from Gerber (.gtl, .cmp, .gbr), and Excellon (.drl) files. Vector formats (SVG, DXF) are not currently supported. Single-sided and double-sided FR - 1 PCB blanks are available for purchase. The cutting tools available are end mills (ranging from 1/8 in - 1/64 in), engraving tools (30 degree and 80 degree), and twist drills (.1 mm - 1.2 mm)
<b>C at eg or y</b>	Electronics
<b>Lo ca tion</b>	Front Room
<b>Br an d /M od el</b>	Carbide 3D Nomad 3
<b>St at us</b>	<div>AVAILABLE</div>
<b>M at eri als</b>	FR-1 PCB board blanks



## Standard Operating Procedure



### Google Apps Sign-in Required

You must login to your [uAlberta Google apps](#) account to access these files.

## Training

Sign up for training here: [Training Registration Calendar](#)

Training	Type	Time Estimate	Prerequisites	Checklist/Document
PCBM - Training 1	ON-MACHINE	80 min	None	

## Documentation



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<b>Safety Data Sheets</b>	N/A
<b>Hazard Assessments</b>	
<b>Application Resources</b>	<a href="#">kiCAD Tutorials</a> <a href="#">FlatCAM Tutorials and Operations</a>