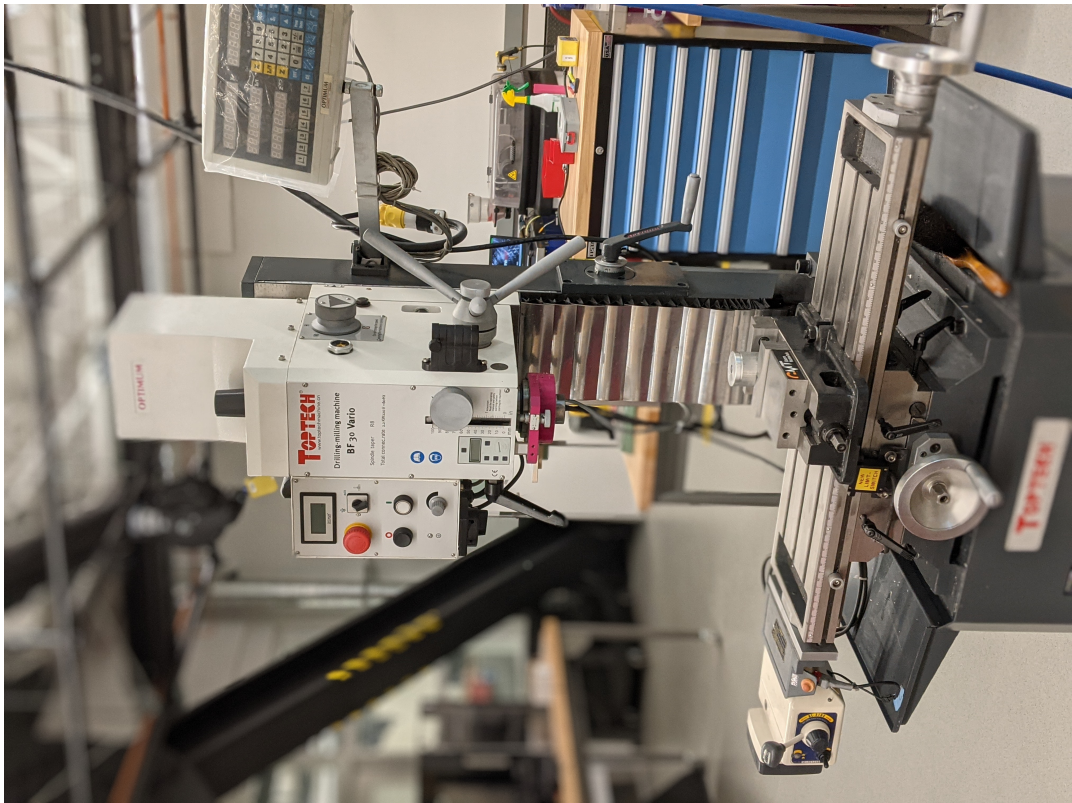


Milling-Drilling Machine

About	A milling-drilling machine is a scaled-down milling machine. It is best used for drilling accurately positioned holes and light milling. • Axis Travel (X, Y, Z): 17.5, 7.5, 18.5 in • Spindle Speed :300-3000 RPM • Tool size restrictions ◦ Milling tools: 1/2 in (maximum) ◦ Drilling tools: 1/2 in (maximum)
Category	Metal Working
Location	Back Room
Brand/Model	Optimum BF 30 Vario
Status	AVAILABLE
Materials	• Metals ◦ Aluminum ◦ Carbon steel ◦ Brass • Plastics ◦ UHMW ◦ Nylon • Other materials with consultation



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](#)

Be sure to read our [Training Document](#) before your training session.

Training	Type	Time Estimate	Prerequisites	Checklist/Document
Mill-Drill - 1A Fundamentals	SELF-GUIDED DOCUMENT	0.5 hrs.	None	
Mill-Drill - 1B Intro.	ON-MACHINE	3 hrs.	Mill-Drill - 1A Fundamentals	

Documentation



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Safety Data Sheets	N/A
Hazard Assessments	
Application Resources	• Mill Drill anatomy: • NYC CNC: Beginners Guide to Manual & CNC Machining • Blondihacks
Manufacturer's Manuals	