Manual Milling Machine

Instructor: Art Breeze and Hans Grethlein

Prerequisite: Beginner
Schedule: 2 hours monthly

Description. A manual milling machine is indispensable for precise, repeatedly accurate work. It can reproduce cuts time and again that is difficult on a scroll saw, router table or drill press. The wood club's mills do machining using jigs and free-hand work. They can be used with a mortising bit, router bits, fly bits, and normal drill-press bits. Not many drill presses are as accurate and easy to use for drilling many straight-line holes, or in terms of accuracy and adjustability. One of our mills even features hydraulic table-movement which speeds moving between drilling locations, making straight-line work very accurate and quick. The vice and XY tables are great where real precision is necessary. The stops are first rate, and the table height adjustment is easier and faster than most drill press set up. When making trays it can outperform a router and your work is milled face-up, instead of face down on a router table. When you learn how to use the mills you will wonder how you survived without them.

Fees: Includes materials: $12

Recommended reference material
Video: Manual Mill Tutorial
Crash class in Milling
Documents: Milling Machine Operations

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