

# Buy Your Machine from the Other Guys

Grizzly, Harbor Freight, Homier, Cummins, Micro-Mark, Prazi...or eBay

## Come to LittleMachineShop.com for Everything You Need to Make Your Machine Work!

### Accessories

- Ball turning attachments
- Coolant spray units
- Lathe chucks
- Milling attachments
- Quick change tool posts
- Rotary tables
- Tool post grinders

### Measuring

- Coaxial centering indicators
- Dial indicators
- Dial test indicators
- Electronic digital calipers
- Laser edge and center finders
- Machinist's levels
- Magnetic bases

### Tooling

- Boring heads
- Clamping kits
- Collet chucks and closers
- Collets (MT, R8, 5C, 3C, ER)
- Drill chucks
- End mill holders
- Knurlers
- Live & dead centers
- Mill quick change tooling
- Thin parallels
- **Vises**

### Cutting Tools

- Boring bars
- Center drills
- Cut-off blades
- End mills
- Indexable tools
- Tool bits

### Upgrades & Conversions

- Air spring conversion kits
- Bed extension kits
- Belt drive conversion kits
- Digital position readouts
- Mini mill power feed kits
- Tachometers
- Tailstock cam lock kits
- Tweaks & Enhancements Kits

### Plus

- DVDs, videos, and books
- Model kits and plans
- Spare parts kits
- Spindle head assemblies
- Starter kits
- X-Y table assemblies
- Replacement parts

### Check Out Our Milling Vises!

#### Quick Vise

As a light-duty vise, the quick vise has two key advantages: it's inexpensive, and the ratchet mechanism makes adjusting the jaw opening quick and easy.

- 1276, 2" Quick Vise, \$24.95
- 1145, 4" Quick Vise, \$39.95

#### Milling Vise

More rugged than a quick vise, the milling vise is still economical and easy to use. The detachable swivel base makes angle adjustments possible.

- 1647, 3" Milling Vise, \$59.95

#### Screwless Vise

The screwless vise is a precision vise that is hardened and ground all over to be square and parallel within 0.0002". You tighten the vise with a socket head cap screw that forces the movable jaw down as the vise closes. The one drawback to a screwless vise is that it is not as convenient



as other vise types, because you must move a cross pin from one hole to another to move the movable jaw.

- 1591, 2" Screwless Vise, \$44.95
- 1590, 3" Screwless Vise, \$49.95
- 2356, 3" Screwless Vise (with clamping slots), \$59.95

#### Precision Milling Vise

Our precision milling vises incorporate a Kurt-style mechanism that directs some of the force from the vise screw into a vertical direction to hold the movable jaw down. This helps to prevent the work piece from lifting off the parallels as you tighten the vise.

- 1904, 3" Precision Milling Vise (Phase II), \$89.95
- 1699, 3" Precision Milling Vise, Heavy, \$84.95
- 2500, 3" Precision Milling Vise, \$79.95
- 1755, 4" Precision Milling Vise, \$119.95

#### Sine Vise

A sine vise is a special-purpose vise designed for holding work at a very accurate angle.

- 1756, 3" Sine Screwless Vise, \$109.00
- 1757, Space Block Set, \$40.00



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