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12″ Deluxe Vertical Milling Machine

Options Select an option for pric

- ☐ Accordian Way Cover Set
- ☐ 15″ Extended Column Upgrade
- ☐ 18″ Extended Mill Table

ADD TO CART Add to Wishlist

SKU: N/A
Category: Manually Controlled

Description | **Instructions** | **Specifications** | **Replacement Parts** | **3D View** | **Compare Mills** | **Shipping & Returns**

The deluxe mill is our most popular mill. It comes equipped with all of Sherline's standard features upgraded to include a laser engraved 12″ (305mm) solid aluminum base for 2″ of additional Y-axis travel, laser engraved scales on the table and base, 2-1/2″ (63mm) adjustable "zero" handwheel on the Z-axis and 2″ (51mm) adjustable "zero" handwheels on the X- and Y-axes, a mill headstock spacer to provide more throat distance and a 1/4″ drill chuck and drawbolt.

All Sherline mills feature precision machined dovetailed slides with adjustable gibs, permanently lubricated spindle bearings, adjustable preload anti-backlash feed screws, and a high-torque 90V DC motor with electronic speed

If you are working with brass or wood, we suggest you use the toggle switch dust cover to protect the life of your motor & speed control.

control. Speed is continuously variable from 70 to 2800 RPM without gear or belt changes. A second pulley position is also available to provide extra torque at low RPM if needed.

Notes on ordering a metric mill

Most of our cutting tools, like center drills, are manufactured in a fractional size. If you have a metric machine with metric holders, like collets or end mill holders, you will need to order fractional holders to accommodate our cutting tools.

Standard equipment for the mill includes:

- A powerful 90V DC motor with electronic speed controller
- 12” base
- 2-1/2” (63mm) adjustable “zero” handwheel on the Z-axis and 2” (51mm) adjustable “zero” handwheels on the X- and Y-axes
- 2.75” (70 mm) x 13.0” (330 mm) table with two T-slots
- Pulleys, drive belt, three hexagonal keys, spindle bars, gib removal tool, eight-foot three-wire power cord, and instruction manual
- Headstock spacer block
- ¼” Drill Chuck w/ key, #1 Morse arbor with drawbolt
- Oil reservoirs on the X/Y axes and the Z axis to help keep critical parts lubricated. These were initially developed for CNC machines that run constantly for hours on end but can benefit manual machines as well
- Brass leadscrew cover that keeps chips off the rear of the Y-axis leadscrew

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