

SHERLINE Linux CNC Systems Parts List

STANDARD EQUIPMENT: Sherline machines include the following as standard equipment: 90 VDC motor w/ electronic speed control, hex adjustment keys, spindle bar, and 48-page color instruction manual. Sherline machines operate on any incoming current from 100 to 240 VAC, 50-60 Hz without an external transformer. All machines and accessories come with a 1-year limited warranty. Computers have a 90-day warranty. Standard equipment that comes with Sherline machines can be found in the [Sherline Tools and Accessories Catalog](#).

CNC machines are fitted with stepper motor mounts on each axis, dual-shaft stepper motors with handwheels, drivers for 4 axes, 115/230VAC power supply with on/off switch, computer with Linux OS and LinuxCNC 4-axis control software installed, connecting cables, backup software, and instructions. Click the following links for CNC Specifications and a list of Accessory Packages: [Sherline CNC Specifications](#), [CNC Accessory Packages](#).

Complete Linux CNC Lathe Systems

| P/N Inch (Metric) | Description |
|-------------------|-------------------------|
| 8400 (8410) | 3.5" x 8" Lathe |
| 8440 (8441) | 3.5" x 17" Deluxe Lathe |

Lathe Accessory Packages

Sherline lathes can be purchased with a selection of our most popular accessories.

8400 (8410) Series Lathes

| Package | Description |
|---------|---|
| A | Includes 2.5" 3 Jaw Self-centering chuck and 1/4" drill chuck |
| B | Includes A package plus steady rest, live center, rear mount cutoff tool/holder, HSS cutting tool set, T-driver, center drill set, and shop guide |
| C | Includes A & B packages plus compound slide and thread cutting attachment |

8440 (8441) Series Lathes

| Package | Description |
|---------|---|
| A | Includes 3.1" 3 Jaw Self-centering chuck and 3/8" drill chuck |
| B | Includes A package plus steady rest, live center, rear mount cutoff tool/holder, HSS cutting tool set, T-driver, center drill set, and shop guide |
| C | Includes A & B packages plus compound slide and thread cutting attachment |

Linux CNC Lathe System Upgrades with Computer

CNC upgrade with computer for existing manual lathes—Includes CNC upgrade mounting kit, two P/N 67127 stepper motors, computer with 4-axis driver board, cables, and software as described above.

| P/N Inch (Metric) | Description |
|-------------------|---|
| 8401 (8402) | 3.5" x 8" Lathe (6720/6725 mounting kit includes CNC leadscrew, 2 stepper motor mounts, CNC couplings, preload nuts, and preload bearings.) |
| 8442 (8443) | 3.5" x 17" Deluxe Lathe (6730/6735 mounting kit includes CNC leadscrew, 2 stepper motor mounts, CNC couplings, preload nuts, and preload bearings.) |

Complete Linux CNC Vertical Milling Machine Systems

| P/N Inch (Metric) | Description |
|-------------------|---|
| 8540 (8541) | Complete CNC Mill Systems with 5400/5410 mill, 12" base |
| 8020 (8021) | Complete CNC Mill Systems with 2000/2010 mill, 14" base |
| 8580 (8581) | Complete CNC Mill Systems with 5800/5810 mill, 18" base |

Mill Accessory Package

Sherline mills can be purchased with a selection of our most popular accessories. The A package is described below.

A PACKAGE: Includes your choice of vertical mill PLUS the following accessories: 1/4" drill chuck, Step block hold-down set, 5/32" T-driver, 3-piece center drill set, Fly cutter, 3-piece mill collet set, 3/8" end mill holder, 6-piece 3/8" double-ended end mill set, mill vise, and [Sherline Accessories Shop Guide](#) book.

| | |
|-----------|---|
| A Package | Includes the standard mill equipment PLUS all the "A" package accessories listed above. |
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Linux CNC Vertical Milling Machine System Upgrades with Computer

CNC upgrade with computer for existing manual mills—Includes CNC upgrade mounting kit, three P/N 67127 stepper motors, computer with 4-axis driver board, cables, and software as described above.

| P/N Inch (Metric) | Description |
|-------------------|--|
| 8542 (8543) | 5400/5410 mill, 12" base (6700/6710 mounting kit includes CNC leadscrew, 3 stepper motor mounts, CNC couplings, preload nuts, and preload bearings.) |
| 8022 (8023) | 2000/2010 mill, 14" base (6705/6715 mounting kit includes CNC leadscrew, 3 stepper motor mounts, CNC couplings, preload nuts, and preload bearings.) |
| 8058 (8059) | 5800/5810 mill, 18" base (6758/6759 mounting kit includes CNC leadscrew, 3 stepper motor mounts, CNC couplings, preload nuts, and preload bearings.) |

Complete Linux CNC Machine Shop Packages

| P/N Inch (Metric) | Description |
|-------------------|---|
| 8600 (8601) | Ultimate CNC Mill and Lathe Machine shop package with 5400/5410 mill, 4400/4410 lathe, and assorted accessories including a CNC rotary table. |
| 8620 (8621) | Ultimate CNC Mill and Lathe Machine shop package with 2000/2010 mill, 4400/4410 lathe, and assorted accessories including a CNC rotary table. |
| 8658 (8659) | Ultimate CNC Mill and Lathe Machine shop package with 5800/5810 mill, 4400/4410 lathe, and assorted accessories including a CNC rotary table. |

