

ALL New SHARP LMV-49-SMD

**Spindle driven by servo motor,
eliminating high/low transmission gears**

The NEW SHARP LMV-49-SMD is a newly designed knee-type vertical milling machine that integrates a Servo Motor Drive with many outstanding and unique features, making it the best choice on the market.



**COMPLETE
METALWORKING
SOLUTIONS**

(800) 991-4225

www.ahbinc.com

ISO Certified

customerservice@ahbinc.com

WHAT MAKES IT THE BEST KNEE MILL ON THE MARKET

Servo Motor Drive

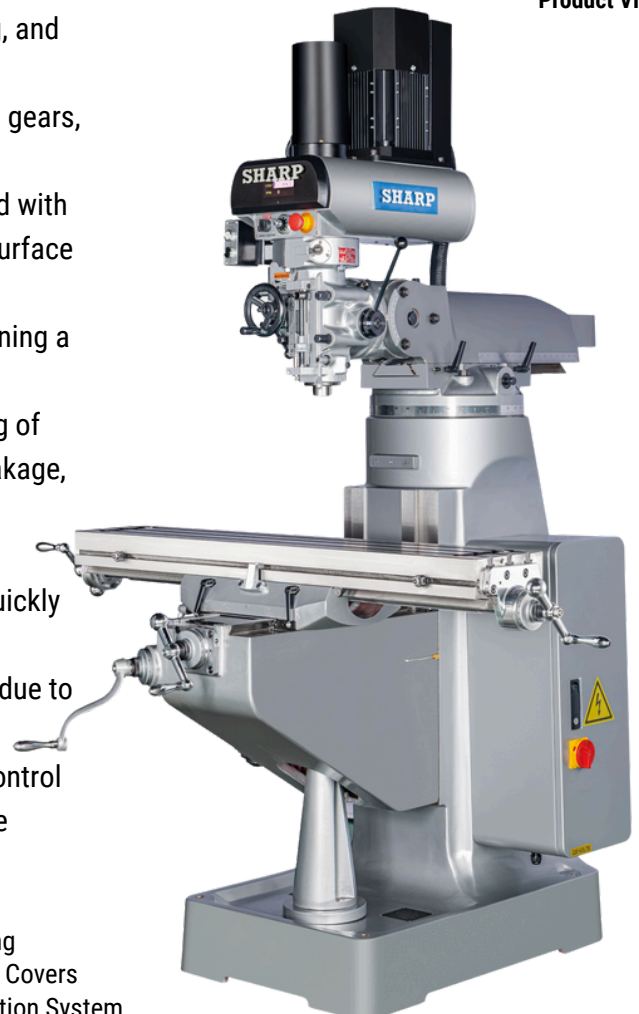
- The R-8 spindle is driven by a servo motor, providing a speed range of 65 to 4,500 rpm.
- An 8.5kW spindle motor that is equivalent to an 11HP drive, which will increase productivity via larger depths of cuts in milling, drilling, boring, and tapping applications.
- Fewer working parts to maintain by eliminating High/Low transmission gears, so the mill is easier to operate, and extends the life of the machine.
- Adjusts the speed and torque dynamically, allowing it to run quieter and with less vibration than traditional variable speed drive mills for improved surface finish and extended tool life.
- Comes with a digital display, and the speed change is controlled by turning a dial to the desired speed.
- Comes standard with a load meter, which provides real-time monitoring of spindle power usage, offering several benefits like preventing tool breakage, improving cutting conditions, and optimizing machine performance
- High Performance in Intermittent Use - Servo motors are ideal for applications with start-stop operations. They can ramp up and down quickly without consuming excessive energy.
- Low Energy Loss - Servo motors are designed to minimize energy loss due to heat and friction, contributing to their overall efficiency.
- The mill comes equipped with a transformer located in the electrical control cabinet which conveniently provides 110V power to DRO or X, Y, Z-Knee power feeds.

Machine Features

- Table size: 9" x 49"
- Travel: 36" longitudinal, 12.2" crossTable Size 9" x 49"
- Table Travel 36" X-Axis & 12.2 Y-Axis
- Power Draw Bar
- Meehanite Casting
- Front & Rear Way Covers
- One Shot Lubrication System



Product Video



<https://sharp-industries.com/>