

SHARP

LMV-49-SMD

Knee-Type Vertical Milling Machine

Spindle driven by servo motor, eliminating
high/low transmission gears & manual brake



SHARP LMV-49-SMD

KNEE-TYPE VERTICAL MILL

Sharp is proud to be the first to replace the spindle drive motor with a servo motor on a conventional milling machine

- The Servo Motor Drive eliminates high- and low-speed transmission changes, reducing wear on parts in the head of the machine, making the mill easier to operate.
- The Servo Motor Drive adjusts the speed and torque dynamically, allowing it to run quieter and with less vibration than traditional variable speed drive mills resulting in improved surface finish and extended tool life.

LMV-49-SMD Specification

TABLE	INCH
Table Size	9" x 49"
T-slots (Number & Size)	3 Slots x 5/8"
Table Maximum Load Capacity	440 lbs.
TRAVEL	INCH
Longitudinal Travel (X Axis)	36"
Cross Travel (Y Axis)	12.2"
Vertical Quill Travel (Z Axis)	5"
Vertical Knee Travel	16"
Overarm travel	12"
HEAD, SPINDLE	INCH
Head Swivel	360°
Head Tilt Angle (L/R)	90°
Head Tilt Angle (Up/Down)	Up 25° Down 45°
Spindle Nose to Table Top	2.125~18.3"
Spindle Center to Column	6.7~18.5"
Spindle Taper	R8
Spindle Speed Range	65-4500 RPM
Quill Diameter	3.375"
FEEDRATE	INCH
Quill Feed (Inch/Rev) (3 speeds)	0.0015~0.003~0.006"
MOTOR	
Spindle Motor	11 HP
GENERAL	
Power Consumption (220V)	9 kW
Power Consumption (440V)	4.5 kW
Electric Specification UL	N
Wiring Voltage	220V / 3Ph / 60Hz
MEASUREMENT	
Net Weight (Approx)	2100 lbs.
Floor Area (WxDxH)	7' x 6.5' x 6.75'

Standard Features

- One Shot Lubrication System
- Front and Rear Rubber Way Covers
- Draw bar and tools
- Hardened and ground X- and Y-axis ways coated with Turcite-B
- Table surface scraping
- Air power draw bar PD-150
- 8.5 kW Servo Motor+Driver+RPM

Optional Accessories

- Digital Readout Systems (DRO)
- Auto Lube Pump with 2 Adjustments
- Sharp Power Table Feed with Safety Handle
- Sharp Power Cross Feed with Safety Handle
- Sharp Power Knee Feed with Safety Handle
- Kurt 6" vise with Swivel Base
- Coolant System with Chip Pan (pump included)
- Clamping Kit (52 pcs/Steel Rack)
- Halogen Work Light

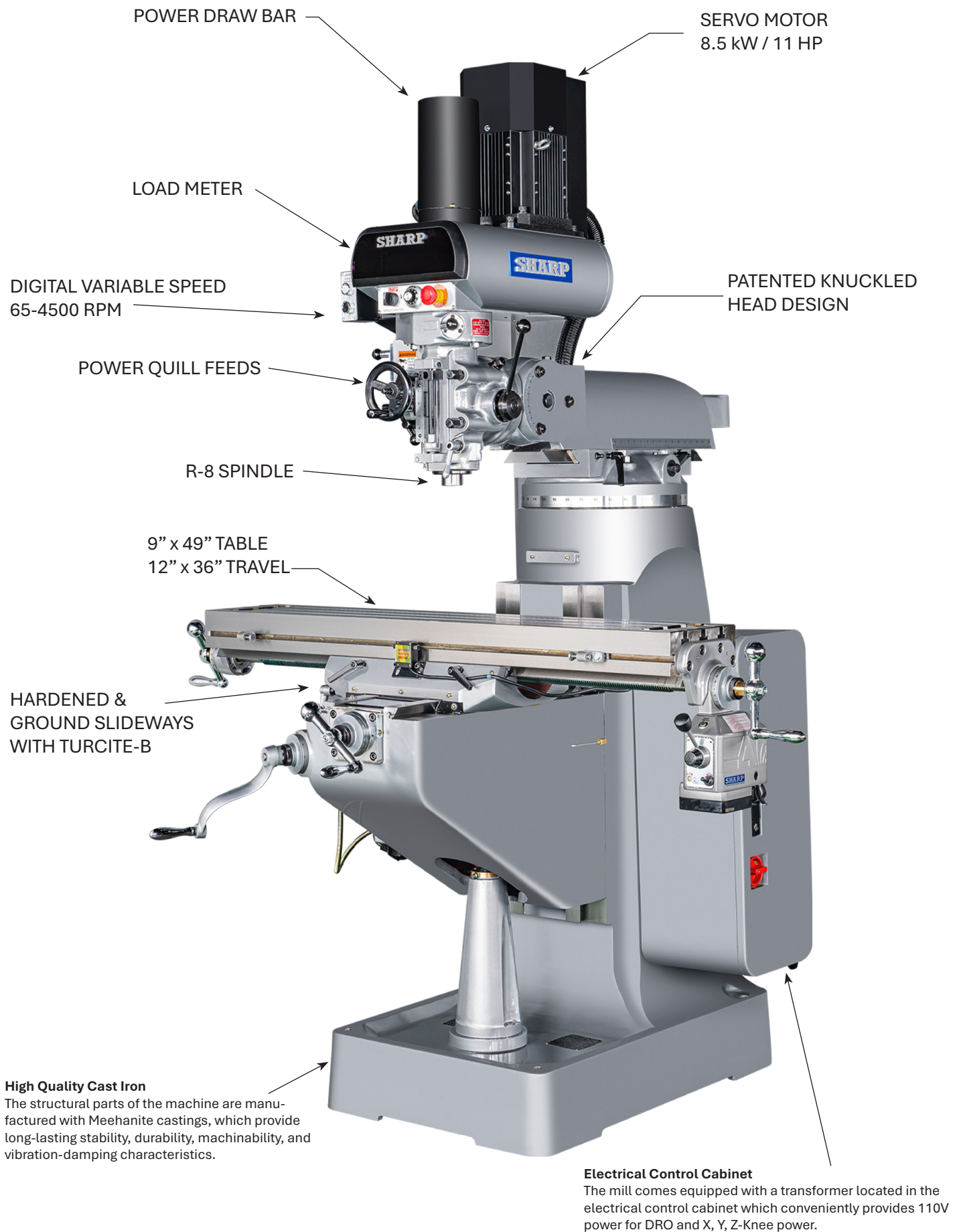
SCAN for more info:



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- Videos
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* Specifications subject to change without notice.

* Proper foundation and environmental controls are required.





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