

MIDI-LATHE

SML-350

This highly featured Midi Lathe is built with a very solid cast iron design to make turning any small to mid-size projects a joy for any skill level of turner. It was designed with the novice turner as well as the professional in mind.

The lathe features:

- A powerful 1HP TECF motor
- High quality frequency converter allowing for high torque variable speed
- A movable magnetic switch
- Digital RPM readout
- Variable speeds ranging from 80 to 3700 RPM
- Forward and reverse with a simple switch
- 13.5" diameter capacity over the bed
- Vibration FREE operation
- Optional accessories to expand the lathe to larger capacities to meet your needs.

With precision ground cast iron construction as the base of the unit we have created a well-balanced, very smooth running lathe with many beneficial features. From the most delicate miniature projects to the larger turnings and from the simplest beginner turning to the professional highly sophisticated works of art, the lathe will handle any smaller pen project, any mid-sized spindle or bowl and the largest high end vessel or longer spindle to a baseball bat, it can do the job.

With an easy to change three pulley system and a high quality power inverter we are able to reach the RPM speed ranges of 80 to 800 RPM, 180 to 1800 RPM and finally 350 to 3700 RPM. The first range features lots of torque for spinning larger, out of balance pieces. The mid range should be used on symmetrical turnings for the majority of the turning and sanding and the high range for sanding and finishing work or melting some waxes and finished deep in to the grain. Because of the three wide speed ranges you will find no need to change the pulley in a single project but more likely as the project sizes change.



SPECIAL FEATURES

- Precision ground castings for extra smooth operation
- Larger capacities than other midi-lathes
- Versatile control box with easy to control speed dial, forward/reverse switch and magnetic back to easily mount in your most convenient position anywhere on the lathe.

WEIGHT, DIMENSIONS AND MATERIALS

- Total Weight: 94 lbs.
- Overall Dimensions: 34" L x 13" W x 16-3/8" H
- Cast Iron Construction: lathe bed, headstock, tailstock, tool rest and banjo.

TAILSTOCK

- MT #2
- 2-1/4" Quill Stroke
- Measuring scale engraved directly on quill
- Large heavy duty hand wheel
- Easy locking mechanism
- Notched lathe bed for easily removal or tailstock

EXCELLENT FEATURES

SOLID CAST IRON DESIGN

FOR NOVICES AND EXPERTS

BASIC EQUIPMENT

HEADSTOCK

- 1" x 8 TPI headstock threads with MT#2
- High quality electronic inverter for endless speed options
- Digital Speed range display: 80 to 800 RPM, 180 to 1800 RPM and 350 to 3700 RPM
- 3 pulley system for optimum torque at the slower speeds
- Larger spindle center height
- 24 position spindle locks and indexing system
- Spindle designed with industrial-style preloaded bearing
- Large heavy duty hand wheel



BANJO

- Heavy duty precision ground casting iron construction
- Eccentric quick locking mechanism
- Easy lock tool rest lock
- Easy sliding movement along lathe bed

MOTOR

- 1HP, 115V TEFC motor



STANDARD ACCESSORIES

- 4-prong drive center
- Rotating live centre
- Tool rest 6" with 1" shaft
- Faceplate 3"
- Open-ended spanner for loosening the faceplate from the spindle
- 4 replaceable plastic feet with screw thread
- 4 bolts for mounting the Midi woodturning lathe on a work bench
- 2 support arms
- Cable holder
- Detailed operating instructions in English

OPTIONAL ACCESSORIES

- Lathe bed extension 23-1/2"
- Tool rest 14"
- Steady rest for diameter of 1/4" to 4-3/8"