

LS-1500

LS-1500 / 16" OD Rolls

Price: \$\$\$\$ | Speed: >>>> | Consumables:



Video

https://youtu.be/_PkPH5h_M18

Model LS-1500 is designed to slit a wide range of materials such as foams, tapes, foils, rubber, non-woven, textiles, laminates and other materials on rolls with a maximum outside diameter of 16" on a variety of core sizes. It is a heavy duty, automatic, lathe slitter designed to provide dependable long-term performance continuous production environments with minimal maintenance requirements.

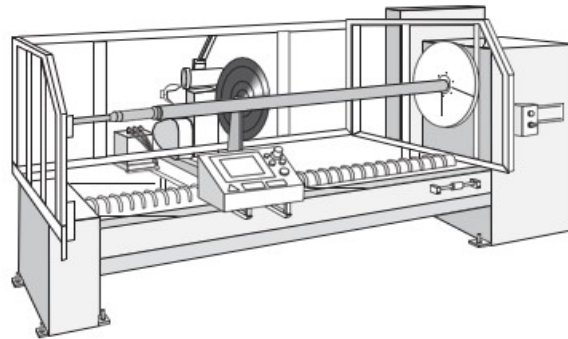
The LS-1500 features user-friendly PLC (Programmable Logic Control) operation and a color touch screen operator interface for the selection of a wide range of features including slit widths in inches or millimeters, index positioning, batch and regular cuts, interval knife grinding, multiple speed knife entry, slow knife at core, knife off at core and dwell time at the grinder and core.

The LS-1500 incorporates a servomotor driven linear actuator knife drive providing maximum torque and the ability to enable up to four different knife penetration speeds. It also features high torque AC inverter drives for knife and chuck speed control. A servomotor powered lead screw provides precise spacing tolerances of + or - .003" and smooth, fast knife carriage movement.



FEATURES

- Slits single rolls with a maximum diameter of 16" (406 mm)
- Heavy duty construction for reliable, long-term performance
- Fast, simple machine set-up
- Minimum maintenance requirements
- PLC controlled operation with 8" color touch screen operator interface
- Servomotor driven linear actuator knife drive eliminates hydraulics
- Servomotor driven ball screw for fast, accurate spacing
- Three way cutting: Driven knife, Free-wheeling knife or locked knife
- Variable speed AC inverter drives for knife and chuck
- Easy knife installation & removal
- Automatic knife sharpening
- Adjustable knife spray lubrication system (if required)



SPECIFICATIONS

- Electrical Requirements: 230 V., 40 A., 3 Ph., 60 Hz.*
- Air Requirements: 5 SCFM @ 80 PSI
- Maximum Roll Diameter: 16" (406 mm)
- Minimum Core Diameter: 1" (25.4 mm), multiple core sizes available
- Motors: 5 HP High Torque AC Drives (knife & chuck)
- Chuck/Roll Speed: 0-650 rpm
- Knife Speed: 0-500 rpm

*Other electrical voltages available on request. Specifications subject to change without notice

OPTIONS

- Variety of chucking systems for different applications
- Variety of rubber and metal shaft sleeves
- Adjustable knife angling
- Electronic drag brake for slitting with locked knife
- "CE" certification