

SilverLINE-FUSE™

AUTOMATED LAMINATING MACHINES

Automated laminating machine with easy loading, live video, vision inspection and recipe driven processes (temperature, flow, positions, speeds and times) with barcode selectable recipes.



BACKED BY TWO DECADES MEDICAL MACHINE CREATION

SilverLINE-FUSE™ machines deliver performance and flexibility. The recipe driven process allows the customer to fine tune, save, and load their laminating processes

SilverLINE-FUSE™ utilizes industrial level hardware. Replacement components are standard and readily available from the sources local to the customer.

The SilverLINE-FUSE™ systems are turn-key bench top machines. SilverLINE machines conserve your valuable floor space with an efficient footprint.

SilverLINE-FUSE™ is compatible with a wide range of product lengths and diameters. Let Silverstone configure a machine for your application.

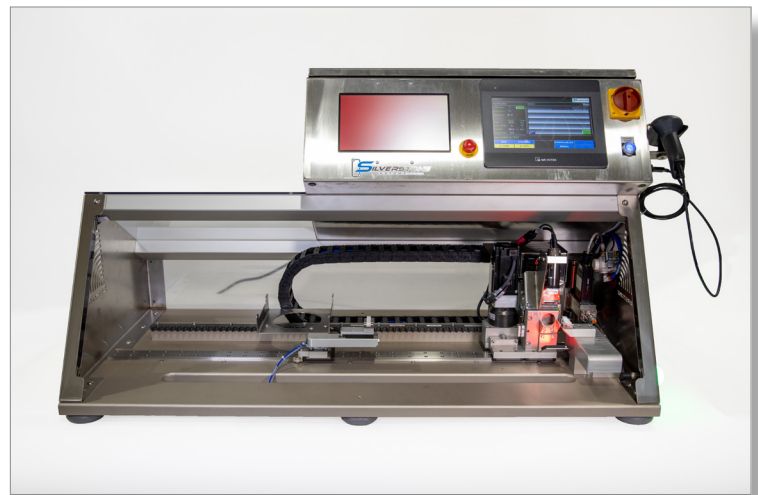
SilverLINE models. Watch for our SilverLINE - WIND™ a tube wrapper and SilverLINE - MARK™ tube marker machines.

SilverLINE-FUSE™

AUTOMATED LAMINATING MACHINES

SLFUSE EN20.04

- Interchangeable heat heads to address your particular process needs
- Live magnified video to aid in layer placement and positioning
- Vision system to confirm layer placement before allowing a cycle to occur
- Tack and Fusing steps
- Process parameters that can be changed, saved and recalled
- Programmable temperature and flow rates
- Adjustable product tensioning
- Servo-driven motion for precision and speed
- Ball slides for smooth and controlled motions
- Compact footprint to save valuable floor space
- Versatile tooling platform that can be configured to handle a wide range of tube lengths and diameters
- Category 3 safety and NFPA 79 implementation
- Built for production work, yet flexible enough for research and development



Specification	SilverLINE - FUSE™
Temperature Range	Up to 450 +/- 2 F (others available)
Traverse Speed	Up to 70 mm/sec
Traverse Lengths	Standard 710 mm or 910 mm
Product Tensioning	Adjustable (0.004 - 2 lbf or 0.01 - 5.2 lbf)
Vision Inspection	1.2 MP mono
Live video	10 to 140 magnification
Processes	Tack and Fuse
Flow rate	Programmable
Saved Process Recipes	Locations, speeds, temperatures, flows, times
Barcode reader	Recipe selection from your product number
Motion Control	Servo motor with absolute encoder
Air Supply Requirements	80 psi
Power Input	120 VAC, 50/60 Hz
Footprint (w x d)	53" x 29" and 61" x 29"
Intended Applications	Production and R&D