

# SilverCATH<sup>®</sup> 1100

## PRECISION TIP FORMING MACHINES

Quality tips from start to finish. Silverstone's catheter-introducer tip forming machines create your quality product with induction heating and precision controls integrated into a robust design. Silverstone's tip forming machines are available in single and dual-processing head configurations.



### *BACKED BY TWO DECADES OF TIP FORMING EXPERIENCE*

**SilverCATH<sup>®</sup> machines deliver performance and flexibility.** The recipe driven process allows the customer to fine tune their tip forming process for their unique product design.

**SilverCATH<sup>®</sup> utilizes industrial level hardware.** Closed loop induction power supplies and servo driven motions are under coordinated PLC control.

**The SilverCATH<sup>®</sup> systems are turn-key machines.** SilverCATH machines conserve your valuable floor space and the vertical process geometry simplifies product loading.

**SilverCATH<sup>®</sup> is compatible with a wide range of catheter-introducer lengths and diameters.** Let Silverstone configure a machine for your application.

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- Solid-state induction power supply with closed-loop power feedback
- Robust fixed geometry heating head that ensures consistent product tips time after time
- 10" color touch screen for quick parameter setting and selection
- Adjustable pre-forming and forming heat settings
- Process parameters that can be changed, saved and recalled
- Adjustable forming force
- Servo-driven motion for precision and speed
- Ball slides for smooth and controlled motions
- Compact footprint to save valuable floor space
- Versatile tooling platform configured to handle a wide range of tube lengths and gauges
- Automatic catheter/introducer supports for column stability
- Category 3 safety and NFPA 79 implementation
- Built for production work, yet flexible enough for research and development



Specification	SilverCATH <sup>®</sup> 1100
Catheter/Introducer Processing	1-up
Induction Power Supply	1kW, solid-state, air cooled
Power Output Regulation	Closed loop
Operator Interface	10" color touch screen
Saved Process Recipes	Yes
Forming Motions	Servo motor with absolute encoder
Coil	Air cooled, fixed geometry
Die Block Cooling	Air or recirculating water
Forming Force	Adjustable
Mandrel	Yes
Column Support	Automatic during cycle
Air Supply Requirements	80 psi
Power Input	208-240 VAC, 50/60 Hz
Footprint (w x d)	23" x 29"
Intended Applications	Production and R&D