Helping You Make Better Catheters

Providing tube processing machines to perform the principal composition of catheter manufacturing. These machines eliminate operator dependency, stabilize tube processing functions and provide repeatable results. Giving you high precision, high yield, low cost machines to help you achieve optimal results at a minimal price.

**LAMINATION SUITE**

- **Vertical Reflow System** (1010) 10-parts per cycle
- **Catheter Laminating Machine** (810-A) 6-parts per cycle
- **Heat Box Automation Accessory** (AC-400)
- **Horizontal Laminator** (410A)
- **Horizontal Laminator** (710A) Touch screen, fully safety enclosure
- **Automated Hot Air System** (MA-280)

Providing exact delivery of uniform heat, traverse speed and strict parameter control, these machines assure repeatable results and give you confidence in your lamination processes. Each machine is tailor-finished to meet your exact requirements. As our customer, you can rely on our 25 years of lamination expertise for your reflow and heat shrink applications.

**BALLOON & SHAFT BONDERS**

- **Pre-Shrink Balloon Bonder** (620B)
- **Balloon Bonder** (520B)
- **Lap Joint System** (320B)
- **Butt Joint System** (420B)
- **R&D Multipurpose Bonder** (220B)

Dedically sequencing heat delivery, process tooling and material handling, Beahm Bonders provide strict control and repeatability for your thermoplastic bonding applications. The machines easily accommodate a wide variety of tube sizes, diameters and lumen configurations. These handy bench top machines create strong, flexible bonds including: short balloon bonds, ultra-smooth lap and butt welds, single to multi-lumen finished shaft for thin wall balloons to catheter shafts.

**TIPPING SOLUTIONS**

- **Auto-Tipper** (510A)
- **Hot Box** (185A)

The Beahm Designs Auto-Tip system, quickly and easily produces virtually any tip geometry on a wide range of tubing sizes and materials. Produces fast, smooth tips and creates closed or open catheter tips, while simultaneously attach (butt weld) and form soft tips. Upgrade options include vision systems and multi-part processing systems.

**TUBE REDUCTION**

- **Auto-Necker** (430B)
- **R&D Necking Device** (43B)

Accurately reduce the outer diameter of a length of shaft tubing with Beahm Designs die necking solutions. Die temperature, traverse speed and length parameters are accurately controlled and easily adjustable. Capabilities include a wide range of sizes and lengths.

**FLARING MACHINES**

- **Automated Flaring System** (610-1F):
  - **Tube Flare Unit** (TF120)

Get greater conical forming control of flare length and geometry with our Tube Flaring Systems. Offering quick tool change for multiple conical and cuff geometries, timed heat and cooling these machines allow you to flare a wide variety of thermoplastic materials including PTFE and PEP.

**TUBE EXPANDING**

- **Tube Expander** (H 5A)
- **Tube Expander** (linear)
- **Balloon Development** (215A)

Providing you with accurate and repeatable control you need to reliably expand thermoplastic tubing along a shaft. Includes balloon blowing.