

## **PRESS RELEASE FOR IMMEDIATE RELEASE**

### **Machine Solutions Inc. Announces the Launch of Their Newest Equipment for Catheter Balloon Pleating and Folding**

**Flagstaff, AZ USA, September 26, 2001 - Machine Solutions Inc.:**

Machine Solutions Inc. (MSI) is pleased to announce the immediate global availability of our newest equipment, the FFS700 Balloon Form/Fold/Set Equipment (Patent Pending). The FFS700 features our unique WavePleat™ Technology mechanism that allows for precise and uniform angioplasty and stent delivery balloon pleating.

The FFS700 from MSI provides a variety of pleat and fold orientations in a single machine, while eliminating the need for operator hand folding. Advantages of the MSI equipment include:

- Adjustable pleating head geometry from 3 - 8 pleats
- Thermal compression and pleating adjustable from 25°C to 100°C
- Compressed balloon OD range 0.020" to 0.075"
- Optimized folded balloon profiles
- Substantially reduced process cycle times
- Uniform, repeatable, longitudinal pleat geometry
- Consistent balloon unfolding during stent deployment or angioplasty

The FFS700 has three main working modules – the machine base, the pleat head, and the fold head. Angioplasty or stent delivery balloons are first processed in the pleat head, which divides the balloon into equal sized pleats and gives the pleats a unique, curved shaped using the patent pending WavePleat™ Technology mechanism. The fold head then compresses the catheter balloon radially to efficiently compact the pleats against the catheter shaft providing some of the tightest balloon profiles obtainable today.

Machine Solutions Inc. is a leading manufacturer and pioneer in providing the medical device community with the premier solution for stent crimping and balloon processing applications. The patent pending MSI proprietary segmental mechanism delivers some of the most uniform and secure crimping and folding technology available today. Additional technical and corporate information can be obtained by contacting MSI directly.



#### **Machine Solutions Inc.**

2901 West Shamrell Boulevard Suite 101, Flagstaff, AZ 86001 USA

Tel: 928-556-3109 | Fax: 928-556-3084

Email: [info@machinesolutions.org](mailto:info@machinesolutions.org) | URL: [www.balloonpleatingandfolding.com](http://www.balloonpleatingandfolding.com)