



The HV500™ Transcatheter Heart Valve Disposable Crimping Tool from Machine Solutions Inc. (MSI) utilizes a proprietary segmental compression mechanism in a disposable design. Intended for crimping live tissue products, this tool is suitable for cutting edge, minimally invasive procedures such as percutaneous heart valve replacement or repair.

The HV500 crimping tool is designed to precisely reduce the diameter of balloon expandable or self expanding transcatheter heart valves. This tool can withstand multiple crimp cycles during one procedure and then be easily disposed. The HV500 crimping tool can be injection molded with custom logo and color requirements. MSI will ship in small or large lots.

### **HV500 Standard Tool Dimensions**

(Off-the-self 2-45mm, 90mm length design)

- Shipping Weight: 9.0lbs (4.1kg)
- Machine Weight: 4.3lbs (2.0kg)
- Height: 7.6" (193mm)
- Width: 12" (305mm)
- Depth: 5.25" (133mm)

### **HV500 Features**

- Even, repeatable radial compression.
- Single person operation.
- Small foot print for lab/bedside applications
- Low cost, disposable, single procedure tool.

### **HV500 Tool Specifications**

- Injection molded and machined designs.
- Nine or ten element design.
- Diameter range 2mm-45mm, and custom ranges.
- Element length 90mm, 50mm, 25mm and custom.
- Designed for single use.
- Equipment supplied bulk, non-sterile.
- Machined prototypes for multi-use product development.