



Please call for complete specifications and availability.

Model 9000 Split Ring Assembly Machine

The Model 9000 Assembly Machine substantially reduces operator training in assembling component parts, allowing users to become proficient in a very short period of time. It also eliminates fatigue and harmful rotary wrist movement often found to be a problem in manual operations.

The Worth Model 9000 Split Ring Assembly Machine is a fully automated self-indexing device for attaching split rings to one or more independent components. Rings are fed from a vibratory supply bowl to a transfer arm which relocates the ring between four rotating fingers. A sensor arm then locates the opening in the ring, indexing and opening it at the front of the machine. Parts may now be applied to the ring.

Upon actuating a foot switch, the ring is rotated to complete the assembly of the part, then released and a new ring is brought into position. Minor adjustments are required to convert between size 4 fine and size 5 fine split rings. Modification kits are available for sizes 2-1/2 fine, 3 fine and 6 fine.

The assembly machine utilizes solid state proximity sensors to check ring position thereby eliminating mechanical switch adjustments and fatigue. Air cylinders are used for mechanical actuation to reduce heat, wear, and eliminate electrical shock hazards. All movements are controlled by a solid-state programmable computer.

Catalog No. 90000

Weight: 116 lbs.

Cost: \$18,975.00



Please call for complete specifications and availability.

Heavy Weight Split Ring Assembly Machine

The Worth line of Heavy-duty split rings are extremely strong, but can be difficult to assemble. Our Worth 90050 Split Ring Assembly Machine solves this problem. Split rings are manually placed in the machine, which then opens and rotates the ring around the part to be assembled. The machine eliminates repetitive wrist rotation entirely.

The Worth 90050 can be built to accommodate Worth standard and heavyweight split rings size 5 and larger. The cycle time is approximately 2.5 seconds per piece. With loading and unloading it allows for assembly of approximately 10 pieces per minute. Requires 110-volt power and 90 psi air supply.

Catalog No. 90050

Weight: 76 lbs.

Width: 14.5"

Depth: 20"

Height: 8.5"

Cost: \$8,250.00