

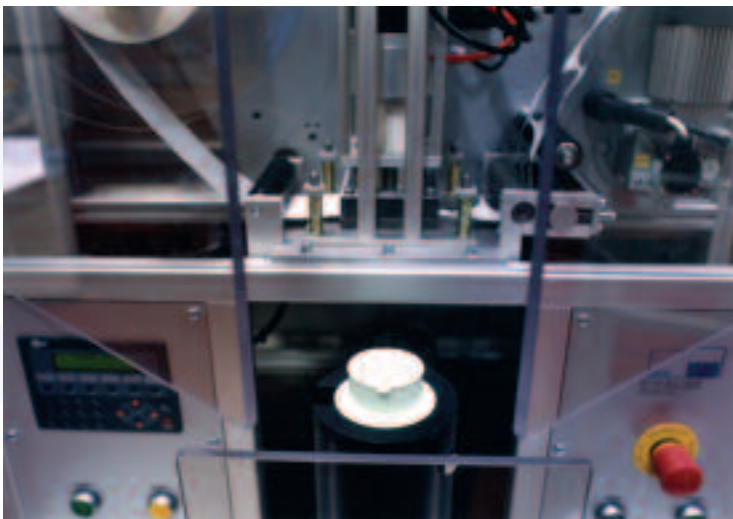
SEMI-AUTOMATIC CAPLESS FOIL CUTTING & SEALING MACHINE

- Production speeds of upto 20cpm possible
- Patented Relco ceramic Punch&Seal tooling
- Full PLC control with diagnostic and memory function
- Integral 800W air cooled digital induction generator
- Automatic foil indexing & re-wind system
- Optional foil print register function available
- Vacuum foil location for precision seal placement
- Fully integrated stand-alone system

The Relco FCS-1 is a Semi-Automatic foil cutting and sealing machine designed for low volume capless induction sealing applications. Manual functions are limited to container placement and removal with foil feeding, cutting, location and sealing being fully automatic. Using this system production speeds of upto 20 containers per minute are possible.

Foil cutting, location and sealing is performed using Relco Punch&Seal ceramic tooling. The Punch&Seal unit is made to order for each individual seal profile and comes in a quick-change cartridge allowing size changes to be made rapidly without the need for tools. This ultra hard punch head has an induction coil built inside of it to allow high speed and very accurate seal cutting, location and induction sealing in a single downward stroke. The machine is PLC controlled with an HMI module on the front panel for ease of use, this gives full control over all sealing parameters to meet the optimum sealing conditions for any container.

This system provides very accurate seal forming and location combined with the superior quality of an induction seal but without the conventional requirement of a cap. Working from reel fed material also keeps consumables costs to a minimum.



Technical Specifications:

Power	220-240v a/c Single Phase 5A
Compressed Air:	5-7 Bar
Weight:	45Kg upwards
Dimensions:	810mm x 460mm x 1010mm

Electrical Specification:

Relco P800 (800W) Induction Generator
Mitsubishi Fx Series PLC
2-Hand Start with independent E-Stop circuit