



## Series #02 - Programmable Servo Feed System



Setup Parameters Screen

Program Review Screen

Auto / Run Screen

Feed, Gauge & Cut Configured System

### General Specifications

- Wire Size Range .007" to .070" ( .25mm to 1.75mm ) up to .125" ( 3.13mm ) on low tensile materials
- Strip or Shape Range .060" x .060" ( 1.5mm x 1.5mm ) – Up to .125" x .125" ( 3.13mm x 3.13mm ) on low tensile materials – Max width = .300" ( 7.5.0mm )
- Maximum Constant feed Rate 300 FPM ( 100 MPM )
- Through Put **Process Module Speed Dependant**
- Feed Direction Forward / Reverse
- Jog Function **Standard**
- Feed Length Repeatability +/- .003" ( .05mm ) – **Material Size Consistency Dependent**
- 2 Synchronized Servo Motors **Standard** – Ensures feed accuracy with 2 axis control
- Pulling Power 70 Lb Max – 50 Lb running
- Operator Interface Industrial Touch Screen – Pendant Mounted
- Metric / English Data Entry & Display **Standard**
- System Monitoring & Alarm Package **Standard** – Material Out, Low Air, Safety Interlocks, Feed Error, and I/O Time Out – Remote Faults
- Electronic Hand Wheel Function **Standard**
- Air requirements 80 psi Clean & Dry
- Power Requirements 208 / 220 VAC 3 Phase 60 Hz, 20 amp circuit
- Password Protected Administration Screen **Standard** – Base Settings, Compensation Value, Life Count, etc.
- Displayed Data ( Run Mode ) **Standard** – Feed length, Speed, Errors, Counts, Batches, and Program No.
- 25 Step Program Menu **Standard** – Speed, Direction, Distance, I/O Address, Dwell Time, Step Sequence and Cut
- Multiple Speed Configurations **Standard** – Program Step Addressable
- 8 Addressable I/O Contacts **Standard** – 24VDC – Addressable in 25 step Program Menu
- Program Storage **Standard** – Up to 100 Stored Programs
- Data Transfer **Optional** - Ethernet, RS-232, or RS-485
- Base Plate **Standard** – 27" L x 18" W - ( 675mm L x 450mm W ) – Variations Available
- Accessories Compatible with TAK Wire Straighteners, Wire / Strip Payoff, Wire Cleaner / Lubricator, and TAK supplied process modules. ( see below ) and 24" x 48" & 24" x 60" metal mounting benches.



Marking



Gauging



Riveting



Dispensing



Feeding



Assembly



Stamping

**Part Processing Configurations – TAK can add process modules for Cut to Length, Stamping, Marking, Forming, Machining, Welding, Dispensing, Riveting, inspecting or other process functions. All TAK process configured systems are supplied as a complete turnkey work cell.**