



Feed & Cut-off System - General Specifications

All SF&C Series Types



Most any Shape & any Material
Square End, Burr Free Cuts

- Operation
- I/O Remote Activation
- Parts Counter
- Wire out Sensor
- Base Plate
- Safety Cover
- Stroke Length Limit
- # of strokes
- Electrical Requirements
- Air Requirements
- Air Regulator
- Tooling Material Make-up
- Part Length Adjustment
- Emergency Kill Switch
- Length of Piece Tolerance
- System Out-put for Lengths
- Sized System Tooling
- System Hand Tools
- System Controller
- 4 Modes of Operation
- Parts Collection
- System Alarms – **Option Dependant**
- Production Performance Package
- Wire Payoff / Decoiler
- Wire Straightener
- Wire Cleaner / Lubricator
- Fine Adjustment Device



Fast - Versatile - Reliable

Automatic

Standard

Standard

Standard

Standard

Standard – Clear Molded Lexan / Interlock

6” or 12” Standard – (¼” & 3” on Series #02)

1 to 300 (Programmable)

110 VAC 2 amps Standard – Others Optional

80 psi Clean & Dry

Standard - with Filter

Various – Application Dependant – Carbide Typical

Manual – Set by Caliper / Gauge Block

Standard - Manual

+/- .002” Typical - .0005” Achievable

Application Dependant - <12” Up to 450 ppm

Set includes – Grippers, Guides, and Quills - Application Dependant & Sized to fit

Allen Wrench Set Included – Torque Wrench with Optional Straightener

Allen Bradley® PLC – Touch Screen Activated

Single Stroke – Single Stroke Batch – Multi-Stroke – Multi-Stroke Batch

Customer Responsibility – TAK will supply upon request

Wire Out – Payoff Snag – Low Air – Count Reached –Remote Device Error – Cover Off

Optional – System Status Light, Low Air Sensor, Extra I/O, Auto Shut Down, Self Monitoring

Optional – Application Specific – up to 2,000Lb Available – Spool or Coil Configured

Optional – Application Dependant – Usually Required – Includes Interface Adaptor

Optional – Recommended for all tight tolerance straightness applications – Series #02 Only

Optional – Series #02 only

Run Screen
 Speed
 Count
 Alarms

RUN SCREEN		
SKIP PRESET 123	PART PRESET 123,123	PART ACTUAL 123,123
ED PFM 1234	BATCH PRESET 123,123	BATCH ACTUAL 123,123
START	ALARM RESET	PAUSE RESUME
STOP	EDIT MAIN	
REQ NOT READY S 123		

Alarm Screen
 Type
 Reset
 History

Alarm No	Crit	Message
1	1	Message-1
2	2	Message-2
3	3	Message-3
4	4	Message-4
5	5	Message-5
6	6	Message-6
7	7	Message-7

ALARM RESET ALARM SILENCE ALARM HISTORY RETURN

Program Screen
 Batch
 Quantity
 Skip Value

PART SET QTY		BATCH SET QTY	
▲	▼	▲	▼
1	2	1	2
3	4	3	4
5	6	5	6
7	8	7	8

SKIP VALUE 12345 ALARM STACK OFF TOT SPEED DELAY 0ms-1sec 123
 SEQUENCE RESET RETURN

Main Screen
 Admin
 Setup
 Alarms
 Run

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ADMIN SCREEN	SYSTEM SETUP	ALARMS	RUN PROGRAM