SUR-SIZE™ CUT-TO-LENGTH ASSEMBLY

FG-250
FG-400
FG-630
**SUR-SIZE™ CUT-TO-LENGTH ASSEMBLY**

**FG SERIES TECHNICAL SPECIFICATION**

**Solid Models & Videos Available Online**

Simple and easy to use, just enter the length and quantity on the color touchscreen. The unit automatically feeds, cuts, and counts the pieces to meet your requirements. An end-of-cycle signal is provided once the cuts are completed. For an automated one-shot process, this unit will feed and cut the material on demand. Clean cuts are provided by the guillotine knife assembly.

This integrated unit is a convenient package for many users who just want to plug in a power cord and air-line to start cutting their product.

We can support each of these Sur-Size™ units around the world with our remote access. Each unit is built with a USB port which is directly connected to the controls. The unit can be connected to an internet interface utilizing a USB cable, allowing tech support from anywhere in the world.

**BENEFITS**

- Easy to use as a stand-alone unit or as an in-line component
- Easy operator interface with color touchscreen
- Enter lengths in either inches or metric
- Modular knife cartridge
- On demand one-shot cuts
- Reduced scrap
- Eliminates the need for a large inventory of cut product

**MATERIALS**

- Absorbent Pads
- Film
- Felt
- Foam
- Foil
- Gaskets
- Hose
- Laminates
- Mesh
- Metalized Film
- Non-wovens
- Pads
- Paper
- Personal Care Products
- PTFE
- Rubber
- Shrink Tubing
- Tape
- Test Strips
- Thin Gauge Metal
- Tubing
- Velcro

**SPECIFICATIONS**

- Minimum length: 0.1 mm/0.005"  
- Maximum quantity count: 999,999
- Power requirements: 110 V AC or 220 V AC
- 50-60 Hz
- 30 - 90 psi (2 - 6 bar) compressed air
- Accuracy: +/- 0.38 mm/0.015" or 0.1% of cut length (whichever is larger)

**OPTIONS**

- Eye registration: a fiber optic sensor locates a registration mark to cycle the unit
- No-product sensor
- Product verification sensor
- Pneumatic preloaded idler roller
- High accuracy drive up to +/- 0.05 mm/0.002"
- One-shot input and feedback output
- Infeed roll unwind
- Outfeed conveyor
- I/O expansion card: 24 inputs / 12 outputs
- Servo drive package
- Slitter attachment
- Steel drive roller
- Static control
- Specials up to 1676 mm / 66" wide
- All electric

**WARNING:** 

EQUIPMENT MUST BE GUARDED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS

**MADE IN THE USA**

AZCO CORP.

FOR ALL YOUR FEEDING AND CUTTING NEEDS

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