



## FLYING CUT-OFF SAW

**Complete saw assembly with multiple ServoLinear actuators improves cut quality and accuracy for air filter manufacturer.**

**INDUSTRY** Consumer Products

**LOCATION** Eight saws in multiple USA facilities of industry-leading manufacturer.

**APPLICATION** Servo driven saw assembly matches line speed and position for "on the fly" cut to length of air filter media.

- 18 cuts per minute - 3.5 second cycle
- Cut length range from 10" to 48"
- X axis stroke - 16"; Y axis stroke - 30"

**COMPONENTS** X Axis: Dual B-SQ-80x80 ServoLinear actuators with cross shaft drive  
Y Axis: B-SQ-80x80 ServoLinear actuator  
Emerson Epsilon programmable servo drives with Ethernet; 28 in. lb. motors  
Allen-Bradley PLC  
Red Lion operator interface