



# Simple Triggering System

Ritchie Automation's Simple Triggering System offers a simple, low cost package for automatically triggering up to two (2) stations of paint applicators. This easy to operate system incorporates a controller, touch screen operator interface, and pneumatic controls into a compact wall mounted enclosure.

***Parts are sensed, tracked and painted automatically.***

Installation is fast with the input of 120 VAC power and pneumatic connections via bulkhead connectors. A rotary shaft encoder is included to interface with the conveyor to track part movement through the system. Setup of a trigger point, based on the applicator(s) distance from the part detect photo eyes, and trigger lead and lag distance are the only requirements for system start up. A pneumatic input is provided for a booth safety interlock.

### Power Requirements

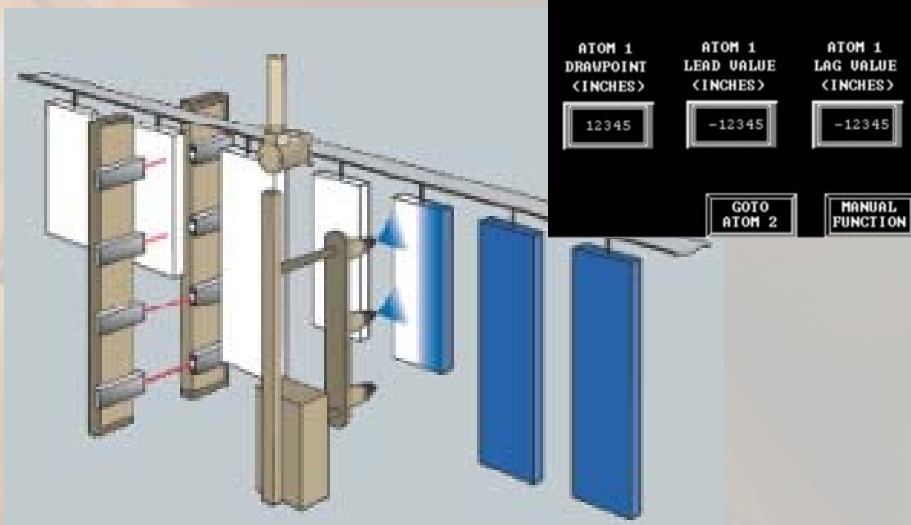
Voltage 20 VAC  
Single Phase  
Current 0 A (max)

### Air Requirements

Inlet Size 3/8" OD Tube  
Input Pressure 100 psi +/-5  
(6.9 bar +/-0.3)

### Dimensions

Height 24 in (61 cm)  
Width 24 in (61 cm)  
Depth 8 in (20 cm)



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