

# AUTOQUIP AUTOMATION

## MY- 437 Solvent Scrubber

*Custom Component*

### Major Features:

- Operates from plant air supply & solvent supplies.
- Solvent supply feeds directly into the valve internal flow control.
- Output cleaning pressure adjustable from supplied manual regulator.
- Adjusts internally for cleaning volume changes.

**Reduces solvent usage  
by up to 40%  
over flushing with  
straight solvent.**



### Results:

- |                                    |                               |
|------------------------------------|-------------------------------|
| ■ Greatly reduced solvent          | ■ Greater quality             |
| ■ Corresponding reduction of waste | ■ Better environmental audits |
| ■ Cleaner equipment                | ■ Higher first pass yields    |
| ■ Fewer equipment repairs          | ■ Lower costs                 |
| ■ Faster color change              | ■ Better profits              |

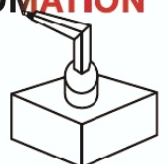


Autoquip, Inc.  
N57 W13430 Reichert Avenue  
Menomonee Falls, WI 53051  
Phone: (262) 781-6133  
Fax: (262) 781-6188

email: [sales@aqautomation.com](mailto:sales@aqautomation.com)

web site: [www.aqautomation.com](http://www.aqautomation.com)

**AUTOQUIP  
AUTOMATION**



## Cleaning Paint Lines with Solvent

As shown below, cleaning liquid paint lines with only solvent wastes volumes. Figure 1 illustrates the less viscous solvent tunneling through the paint line. Once tunneling occurs the solvent slowly removes paint from the outer walls until the line is clean. The center of the solvent column has no cleaning effect. Typically 60% of the solvent passing through the paint line is wasted because there no contact with the paint (figure 2).

**Figure 1**



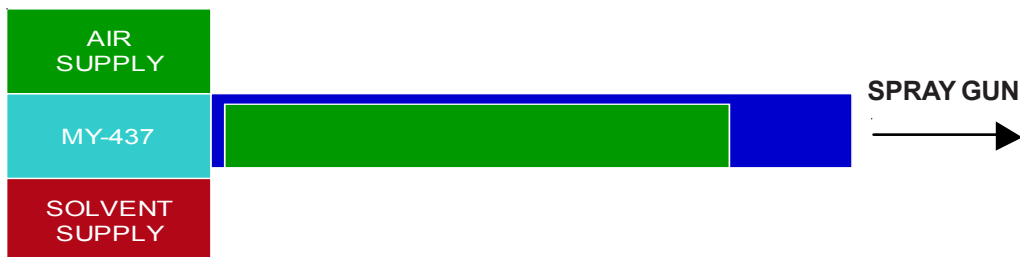
**Figure 2**



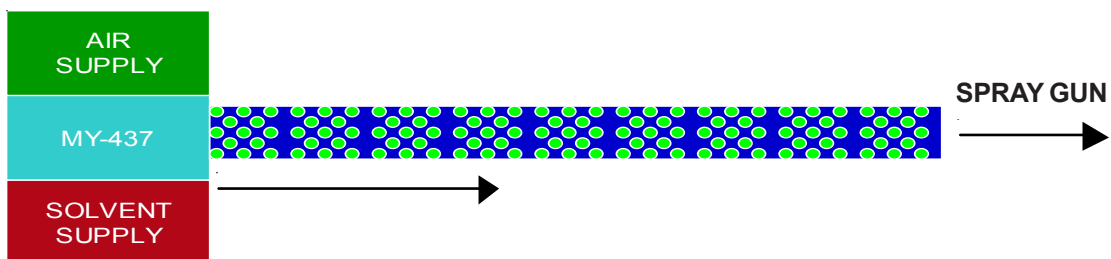
## Cleaning Paint Lines Using Autoquip Solvent Scrubber Technology

The unique design of the Autoquip Solvent Scrubber uses air to push much of the coating out of the line prior to adding solvent (figure 3). The partially evacuated paint line provides a more turbulent path for more efficient cleaning. Finally, the Autoquip Solvent Scrubber injects mixed air and solvent particles together which gather droplets of coating and carry the coating out of the paint line (figure 4) resulting is a huge reduction in solvent usage, less color carry over and or remaining dirt in the paint line.

**Figure 3**



**Figure 4**



Item	Part Number
Solvent Saver	MY-437-00-01
<b>Connection Information:</b>	
1/4" NPT(F)-AIR INLET	
1/2" NPT(F) – MIXED AIR/SOLV OUTLET	
1/4 " NPS(M) – SOLVENT INLET	

