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## SERVICE INSTRUCTION

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### 2K JOB SELECT BOX (77756-00)

#### Description:

The **Job-Select Box** for the 2k-220 System allows automatic entry of job numbers into 2k-220 controllers based on the color valve that has been selected.

The control box houses 15 pressure switches that are "teed" into the outputs of the color select box. It also houses a time delay relay that sends a "toggle" pulse to the 2k controller any time a color change is made. In this way, when a manual operator changes color using the standard Ransburg Color Select System, a new job number is automatically toggled into the controller for the new material.

The electronics in the box causes Job #, or P-Set number, 1 if color 1 is selected, Job #2 for color number 2, etc. up to and including Job #15 to be automatically loaded into the host controller.

This box eliminates the need for the operator to use the 2k pendant to enter new job numbers every time a color change is performed to change ratios or to correctly track material usage.

#### Installation:

Installing the Job-Select Box is simply a matter of following these three steps:

1. Connect the 10-pin connector of the interface cable (A10540) on the top of the 2k-220 control console (in the connector marked "Color Select").
2. Connect the other end (18-pins) to the only connector on the top of the Job-Select Box.
3. "Tee" in the pneumatic pilot lines from any color valves that you want to cause a new job number to be selected.

#### Operation:

If a pneumatic signal is applied to the Color 1 input bulkhead, Job #1 is automatically loaded into the controller. If a pneumatic signal is applied at Color 5, Job #5 is loaded, etc. There is about an one second delay after the color valve is selected before the Job is loaded to allow for momentary signals as a color select box pneumatic switch is rotated between colors.

# Ransburg

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