

Using the 900X for the Mounting of Printing Heads on a \$30M Press

Eason Products Used:

Model 900X

Complimentary Products:

Compumotor 6200 Series

Application Background:

The customer needs an operator interface for the Compumotor 6200 Series.

**Machine Objectives &
Motion Requirements:**

- Interface directly to Compumotor's 6200 Series.
- Provide an easy to read display.
- Operate reliably in a harsh environment.



Eason Solution:

Electronic Solutions wanted to find an interface to the Compumotor 6200 Series that would be used under extreme conditions. It would have to be mounted on a printing press that measures two to three hundred feet long, fifteen feet wide, and about thirteen feet high. The interface would be exposed to paper dust, ink, and grease. Each press has warning lights, sixty watt bulbs are mounted in cages located in close proximity to the 900X. These lights may be flashing when the operator is using the 900X. So, the display must be readable in darkness as well as in high ambient lighting conditions. The bright, high contrast screen of the 900X was up to the task. The 900X was mounted on the swinging door of a steel enclosure allowing the operator to maneuver the unit for a better view. In operation, the 900X prompts the operator for print head information such as print head x and y coordinates, top and bottom orientation, totaling about 150 characters of information. The Compumotor 6200 Series then goes about mounting the print heads, up to one hundred for a particular job via SX series motors. On each press, there are four 900X stations, and a total of three presses for this project.

Eason Benefits::

The size and readability of the display, the industrial ruggedness, and compatibility with the Compumotor 6200 Series.

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