

# MULTI-SPINDLE PAPER WINDER CONTROLS UPGRADE

## PLC Replacement of Relay Controls & New Custom Enclosure

### Overview

Simplify your conglomeration of relays and switches and make operations more efficient with a programmable logic controller (PLC).

In this application, paper used in the medical profession is rolled using a multi-spindle, high-speed paper winder that automatically winds the correct length of paper, then transfers it to the next roller on-the-fly. Paper length for the roll is predetermined and based on a selector switch. When the spindle completes its winding procedure, the operator unloads the completed roll, loads a bare, cardboard tube on the empty spindle and the process repeats.

Running the main winder is a 50 HP DC drive that is reused in the new system. The old system of relays was replaced with a programmable logic controller (PLC). An existing programmable limit switch is now interfaced to the PLC. A new operator station completes the system.



### Standard Items

- NEMA 12 enclosure
- PLC programmed to customer requirements
- CAD-generated documentation including panel layout and bill of materials.

### Optional Items

- Spare parts packages available
- Installation services available
- Existing drive upgrade available
- Other customer-specified enhancements
- Equipment operation and maintenance training by qualified project engineer for operators and/or skilled trades personnel

### How to Order

Call your friendly sales representative for a customized quote today!

Delivery 6-8 weeks ARO Prices subject to change without notice

### Features & Benefits

- **Update obsolete and hard-to-repair equipment** - *less equipment downtime*
- **Ease of troubleshooting and enhancements through the use of a PLC** - *simplify programming*
- **Increased quality, repeatability, and production rates** - *save time and money*
- **Consolidate system documentation** - *easy to find records*
- **Increased uptime** - *higher profits*

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