



Cleveland Motion Controls – Lamination Line Success Story Utah Paperbox (UPB)

APPLICATION - BACKGROUND SUMMARY

Utah Paperbox (UPB) had a key machine in their manufacturing process in which a third party integrator had designed the control system using Cleveland Motion Controls (CMC) products as well as other control products. When the motion controller failed, UPB chose to call CMC as their complete control solution provider.

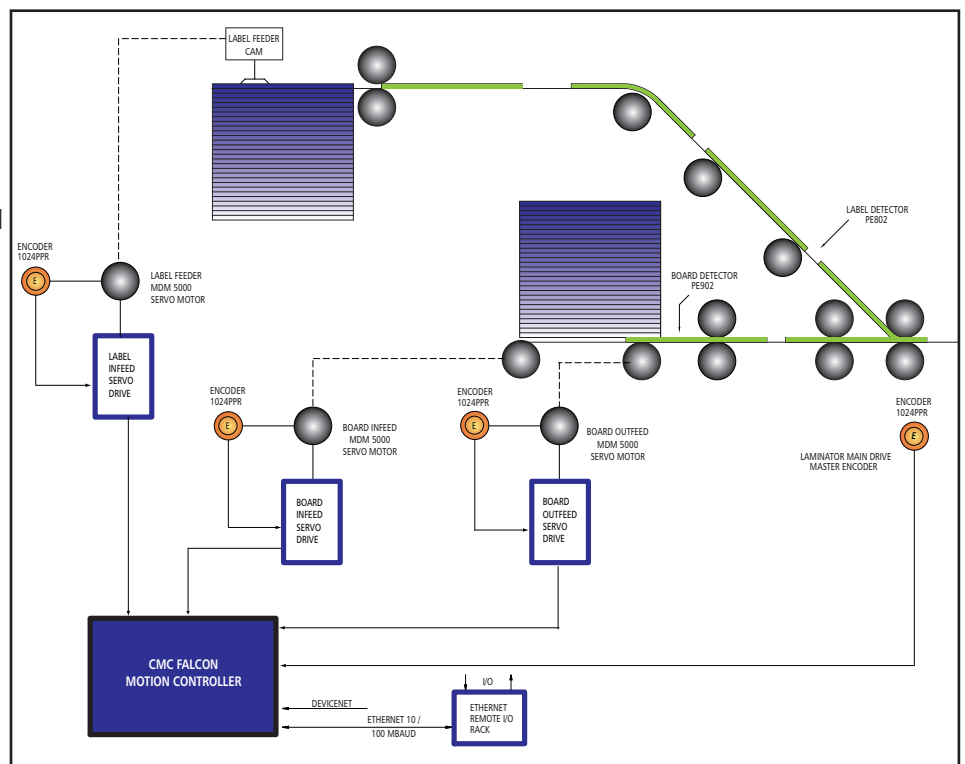
THE PROBLEM

A third party integrator had designed and programmed the control system on UPB's Lamination Line. When the motion controller failed, and lost the program, UPB learned the integrator was no longer in business; so they turned to CMC for help.

CLEVELAND MOTION CONTROLS SOLUTION

A complete 'turnkey' solution was provided by CMC using FALCON, Motion interface, PLC I/O, Servo Amplifiers and MDM5000 AC brushless servo motors. CMC's service staff went on-location and installed, calibrated and tuned the new controls to maximize UPB's process accuracy and throughput.

FALCON is a complete Programmable Automation Controller- PAC Package (IEC 61131-3) that integrates Process Control, Motion Controls, HMI and Open Communications into one easy to use platform. With the ability to integrate logic functions, motion and Visualization (HMI) in one platform it eliminated the need for separate PLC, panel PC and motion systems. FALCON's "one-box" solution saved engineering, programming and commissioning time by simplifying the programming environment.



WHY FALCON WAS CHOSEN

Utah Paperbox made the decision to move forward with FALCON because they realized:

- CMC could provide hardware engineering, software programming, manufacturing, and service installation.
- A complete CMC solution including: Motion Controller and Soft PLC; Servo Amplifiers, Servo Motors and cables.
- CMC's solution allowed for better reliability, reduced downtime and improved productivity.

APPLICATION SUCCESS

"You guys saved my bacon in keeping my machine going at a very busy time! Your engineers were not afraid to work long hours, take calls late in the evenings and/or call other people in the company to make sure we were running at whatever hour. You have great leaders. I felt I could call anyone at any time for support. Many thanks for the solution that CMC came up with. Our machine has been trouble free and CMC saved us thousands of dollars and potentially lost business by patching our system to allow us to continue running until your engineers could design a replacement system."

-Mike Salazar, UPB

Your Source for Engineered Automation Solutions

Cleveland Motion Controls provides Automation Solutions to a broad range of industries for a variety of applications. Whether we are selling individual components or a complete engineered system, we can quickly develop real-world solutions that can save you both time and money

- Programmable Automation Controls (PAC), Soft PLC, PC-based Machine Controls
- Servo Motors (brush and brushless)
- Servo Drives
- Web Tension Transducers/Load Cells and Controllers
- AC and DC Drives

Whether you need a retrofit or a new machine design, CMC has the engineering strength, technical experience, product stability and customized options for your industrial application.



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