

ABOUT US

Pinnacle Industrial Controls is an established industrial and control system solutions company with experience in corrugated industry for more than 18 years.

Our team has proven capability to design and develop systems for individual customer requirements in the corrugated industry. We develop everything in-house, from automation programs to control panels.

From single machine to complete plant, we have expertise for all applications. We have solutions for basic to most complicated machines with multi axes motion controllers.

PROCESS
AUTOMATION



FACTORY
AUTOMATION



WHAT
WE DO



CONTROL PANEL
MANUFACTURING



PRODUCT
DISTRIBUTION

CORRUGATED INDUSTRY AUTOMATION SOLUTIONS

- NC Cutter 2 Ply / Liner Machines
- NC Cutter 3Ply / 5Ply Machines
- Pasting Unit with Glue Application For 3 Ply / 5 Ply Machines
- Stacker Automation System for 3 Ply / 5 Ply Machines
- Corrugated Box Stitching / Pinning Machines
- Control Panels for 3 PLY / 5 Ply Complete Plants



FEATURES OF OUR AUTOMATION SYSTEMS FOR VARIOUS CORRUGATED BOX MACHINES

NC CUTTER 2PLY / LINER MACHINE

- Machine speed- 100MPM
- Cutting length- 200M-3000MM
- Cutting accuracy- ± 1 mm
- User friendly programmable interface
- Automation using PLC & HMI
- User has to put only "Cutting Length"
- Production "Batch Counter"
- Standard induction motor used
- Automatic fault/alarms diagnosis

PASTING UNIT WITH GLUE APPLICATION FOR 3PLY / 5PLY MACHINE:

- Machine Speed- 150MPM
- Encoder or potentiometer based synchronization
- Gap adjustment speed- 1microns/sec
- Encoder based gap adjustment
- Automation using PLC, HMI, VFD & Induction Motor
- Automatic fault / alarms diagnosis

CORRUGATED BOX STITCHING / PINNING MACHINE:

- Machine Speed- 1800-2000 boxes per hour
- Single servo / double servo option
- Adjustable stitching distance
- Automation using PLC and AC Servo Motor
- Automatic fault/alarms diagnosis

STACKER AUTOMATION SYSTEM FOR 3PLY / 5PLY MACHINE

- Adjustable stacking sheet count
- Conveyor is synchronized with NC
- Cutter using PLC & VFD
- Automatic fault / alarms diagnosis

NC CUTTER AUTOMATION PANEL 3PLY / 5PLY MACHINE:

- Machine speed- 150MPM
- Cutting length - 300M-3000MM
- Cutting accuracy - ± 1 mm
- User friendly programmable interface
- Automation using motion controller and PMSM motor
- User has to put only "Cutting Length"
- Production "Batch Counter"
- Automatic fault / alarms diagnosis



CONTROL PANEL FOR 3PLY / 5PLY - COMPLETE PLANT AUTOMATION

- Line Speed- 150MPM
- Length- 300M-3000MM
- Accuracy- ± 1 mm
- Full Machine automation panel using Motion Controller, PLC, HMI, VFD & PMSM Motor
- Automatic fault/alarms diagnosis in system
- User friendly interface

AUTOMATION PARTNERS



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