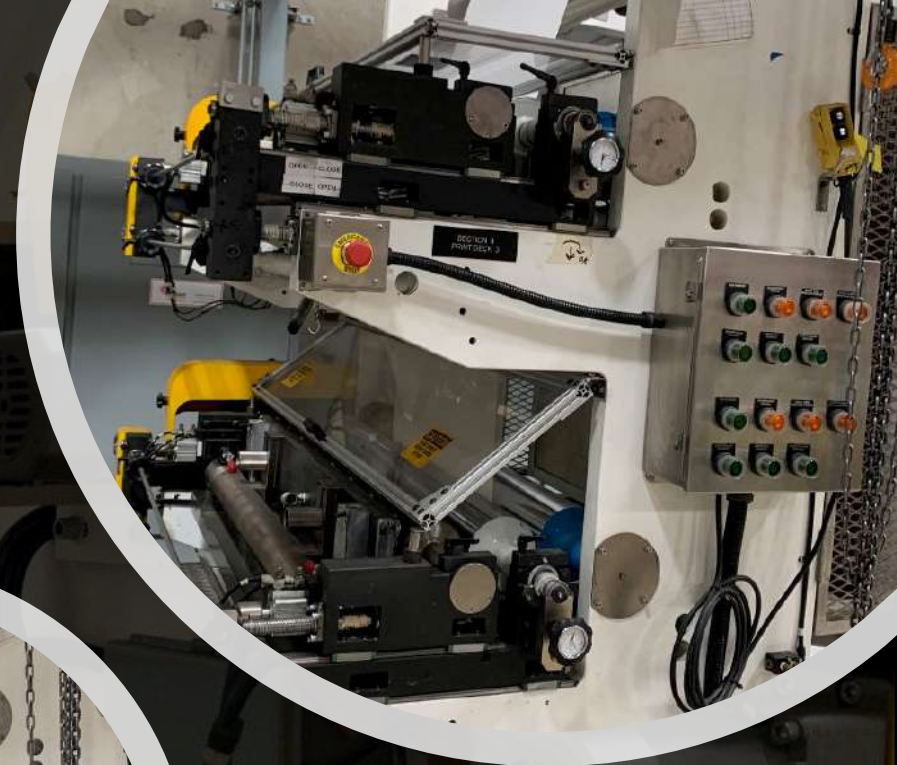


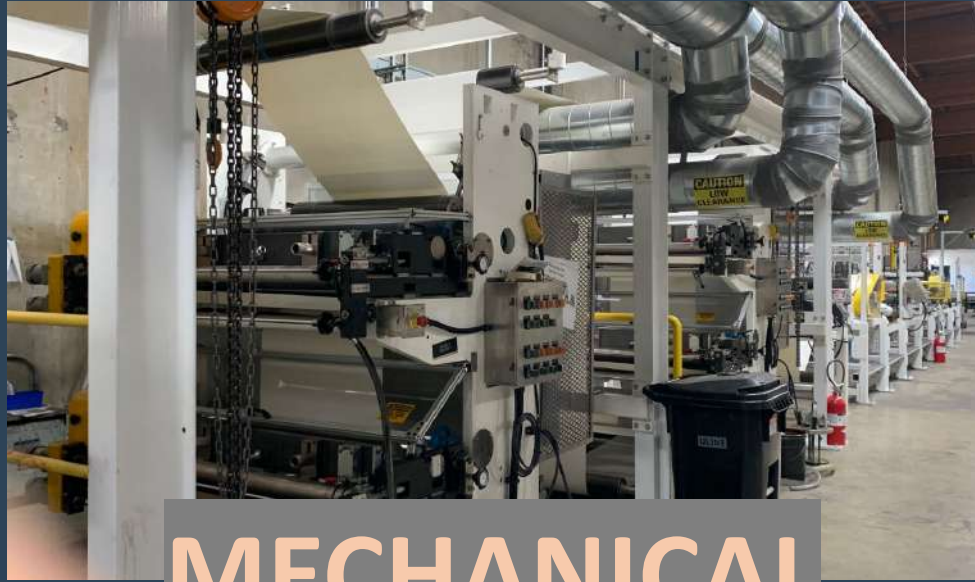
TUBER MACHINE



INSTALL & MODIFY

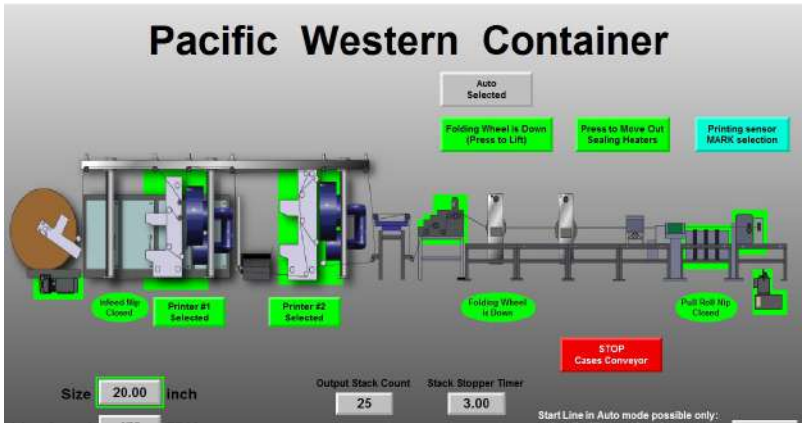
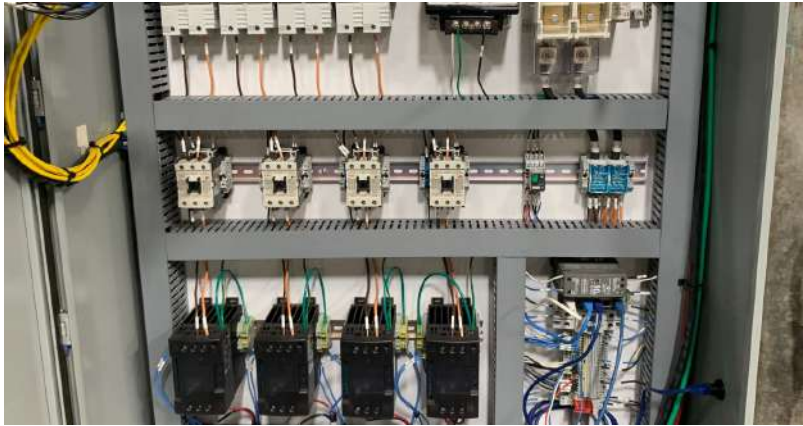
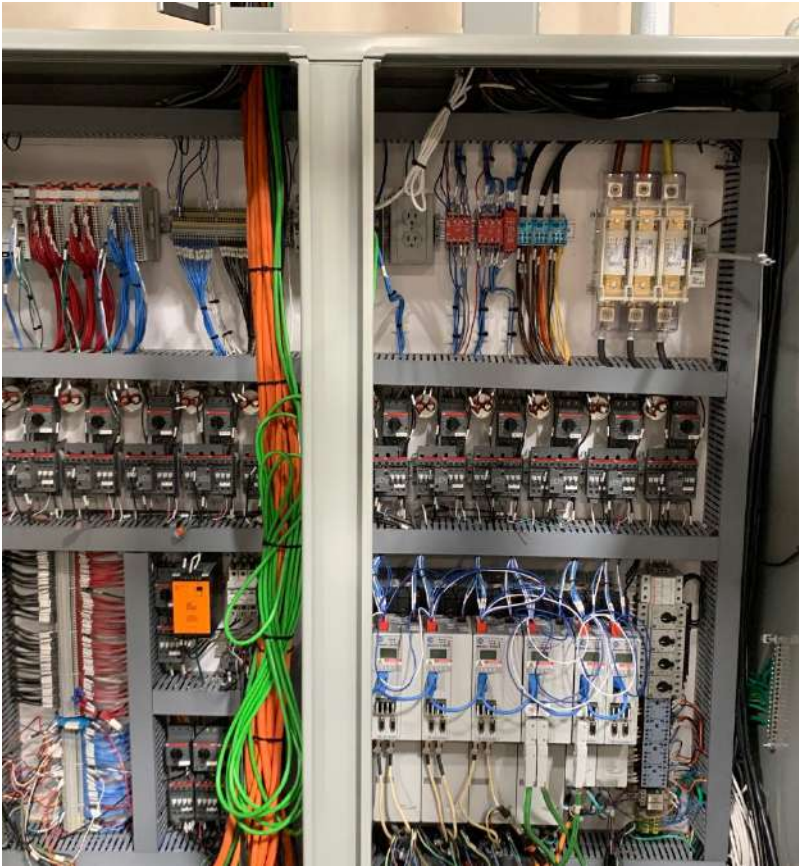
- PCS removed the unfinished Tuber machine from manufacture, Conquip Inc.
- PCS Install the Tuber in our sister company facility, Pacific Western Container.
- Mechanical modifications:
 - ❖ WEB guides/Rollers to track the paper path.
 - ❖ FOLDER section to easy setup and fold.
 - ❖ HEAT SEALER section to adapt different size paper WEBS.
 - ❖ DUCTING for print Dryers.
 - ❖ ADD reverse Printing capability.
- Electrical modifications:
 - ❖ ADD PLC to do communication between Dryers, Sealer, and main panel.
 - ❖ AUTOMATIC Heat VS speed setting up.
 - ❖ VISION system to have cut to mark capability.
 - ❖ LOW paper Warning.
 - ❖ SAFETY interlock.
- Programming:
 - ❖ HMI programing to easy setting up/operation.
 - ❖ ADD feature to correct cutting dimension.
 - ❖ ADD automatic pressure feature to the unwinder & Load cell control.





MECHANICAL

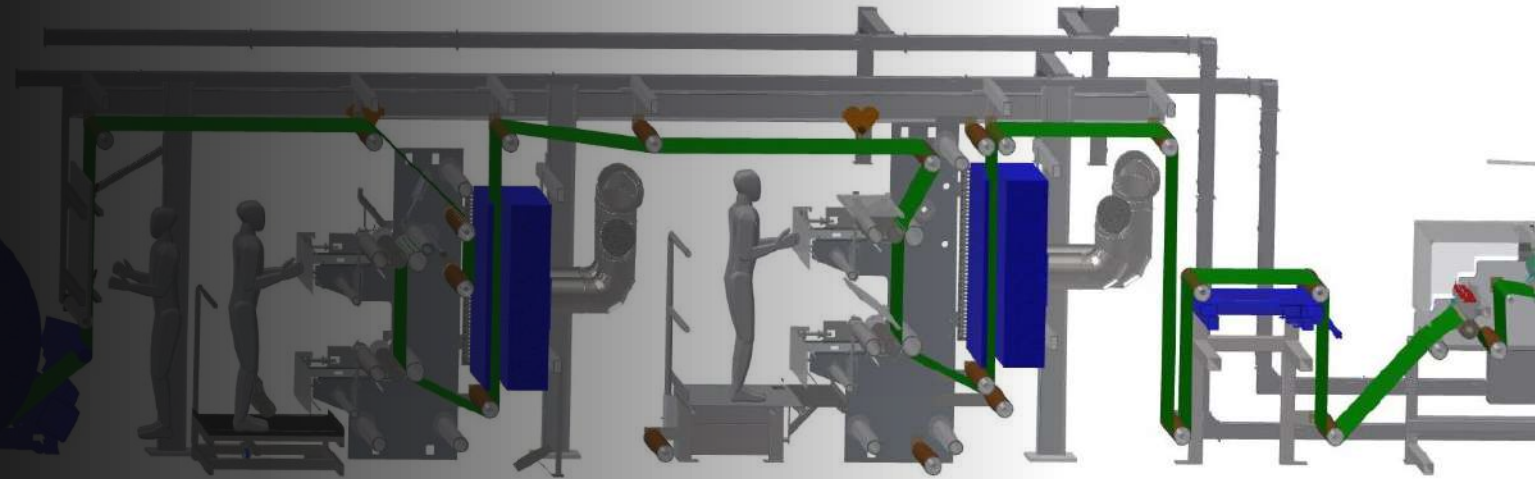




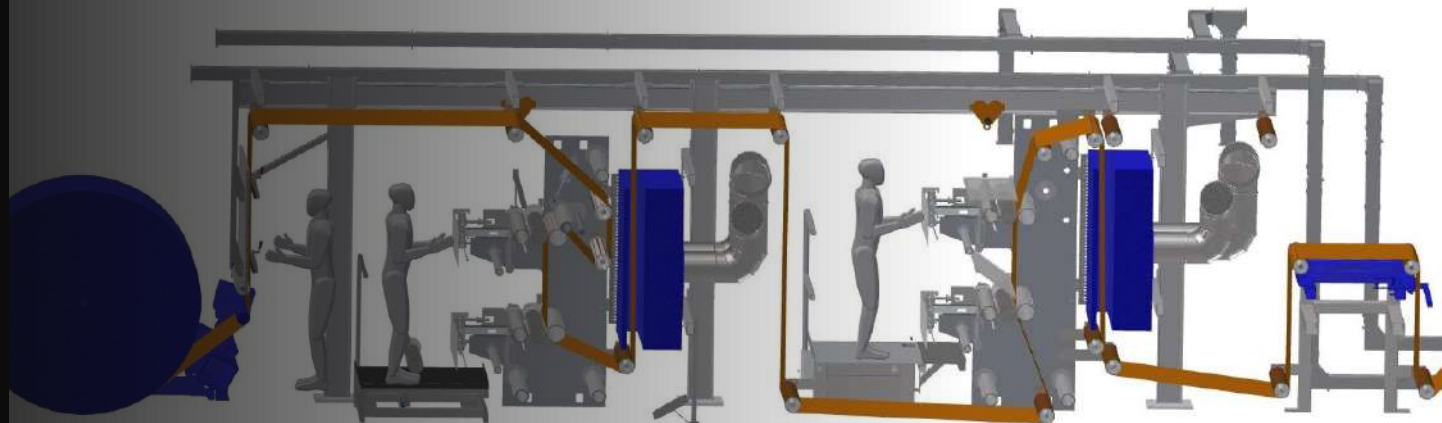
ELECTRICAL

SETTING UP

Normal Web Path
Ruta Web Normal



Reverse Web Path
Ruta Web Inversa





UNWINDER

PRINTER

ALIGNER

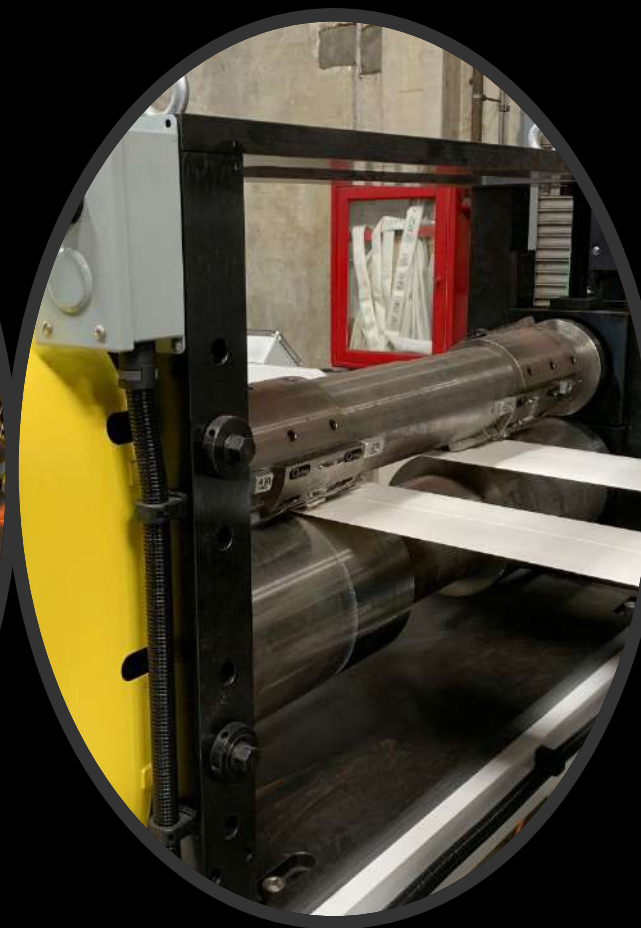
CREASE & SLIT



FOLD



SEAL



PUNCH



VEE

The diagram illustrates the internal components of the printer, including the paper path, rollers, and the 'Printer #2 Selected' status. A red box labeled 'Printer #2 Selected' is shown at the bottom. A blue box labeled 'CAUTION' is at the bottom right, with the text 'If the paper is not properly loaded, the printer may stop or print incorrectly.' Below this, a red box contains the text 'If the paper is not properly loaded, the printer may stop or print incorrectly.'

DRYER #2

Temp. SP [F] 120

Temp. PV [F] 102

Temp. CO [F] 100

Enabled (On)

Top Sensor Selected

select - Top S

n select - Bottom S

Auto Selected

Folding Wheel is Down (Press to Lift)

Press to Move Out Sealing Heaters

Print MAR...

Printer #1 Selected

Printer #2 Selected

Folding Wheel is Down

Pallet Bolt Not Closed

STOP Cases Conveyor

Inch

FPM

Output Stack Count 25

Stack Stopper Timer 3.00

Start Line in Auto mode possible only:
- when the Nips are closed
- and the Folding Wheel is down

PRINTER SYSTEM RUNNING

CUTTER SYSTEM READY

START SYSTEM

STOP SYSTEM

STOP LINE

ALL ON

LINE RUNNING

The screenshot displays a control interface for a machine. At the top, there are four temperature readouts: Temp#1 (722), SP#2 (725), Temp#2 (755), and Temp#3 (710). Below these are two pressure readouts: SP#4 (725) and Temp#4 (707). To the right of the temperature readouts are two red buttons labeled 'Stop Sealing Left' and 'Stop Sealing Right'. On the far right, there are three green buttons labeled '936.9', '749.3', and '975.1'. Below these are four green buttons labeled 'Steady'. In the center, there is a large green button labeled 'Steady'. To the right of the central button is a green button labeled 'Running'. At the bottom left, there is a red button labeled 'ALARMS'. The background shows a schematic of the machine with various components labeled 'Stop' and 'Running'.

Diagram illustrating a mechanical system with a blue frame and a grey frame. The blue frame has a pulley system with a green weight. The grey frame has a pulley system with a green weight and a green label "Bore". A red label "Clamp/Slide Solenoids" points to a component on the grey frame. A red label "MAIN" and a red label "ALARMS" are at the bottom.

The screenshot displays two main sections: 'Active Alarms' and 'Alarms History'. Both sections have a header with three columns: 'Alarm time', 'Acknowledge time', and 'Message'. The 'Active Alarms' section is currently empty. The 'Alarms History' section is also empty. To the right of the 'Active Alarms' section is a vertical toolbar with five blue buttons: a top arrow, an up arrow, a down arrow, a refresh arrow, and a bottom arrow. Below the 'Alarms History' section is another vertical toolbar with the same five buttons, plus a 'CLEAR HISTORY' button at the bottom. At the very bottom of the interface are two buttons: 'MAIN' and 'ALARMS RESET'.

SEALING



DISCHARGE

