

{MODULAR AUTOMATED PACKAGING}

LIVINGSTON MT 59047

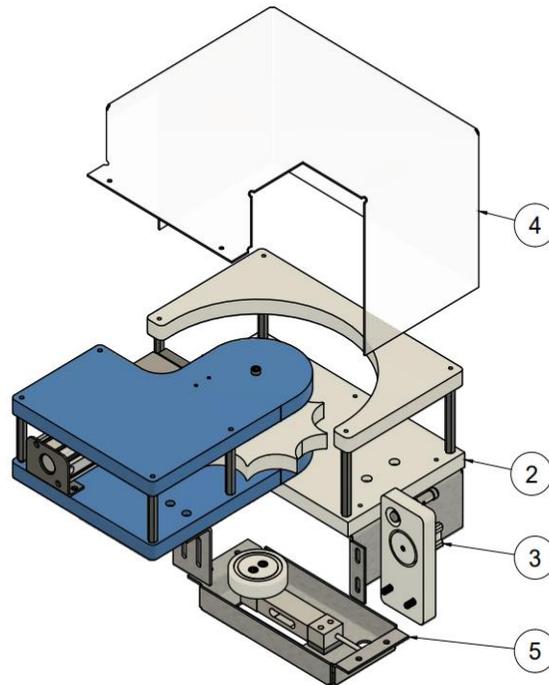
QUICK SETUP GUIDE

Unboxing and Preparing for Bolt-On Installation

Remove all equipment from the boxes, plug in and charge the tablet.

Familiarize yourself with the contents of the boxes

PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
1	1	4" X 48" CONVEYOR		
2	1	M.A.P. AUTO-REJECT HEAD UNIT		STEEL
3	1	M.A.P. REJECTION ASSEMBLY		
4	1	ME#0011		STEEL
5	1	SCALE SHEILD ASSEMBLY V2		STEEL



Contents:

- Control Cabinet
- Tablet
- Calibration weight
- Hardware
- Head Unit
- Rejection Assembly
- Emergency Stop
- Air tubing
- Safety Guard

Step 1 – Preparation

1.1- Decide where on your conveyor you are going to mount the head unit.

- We advise not being any closer than 16” to either end of the conveyor.

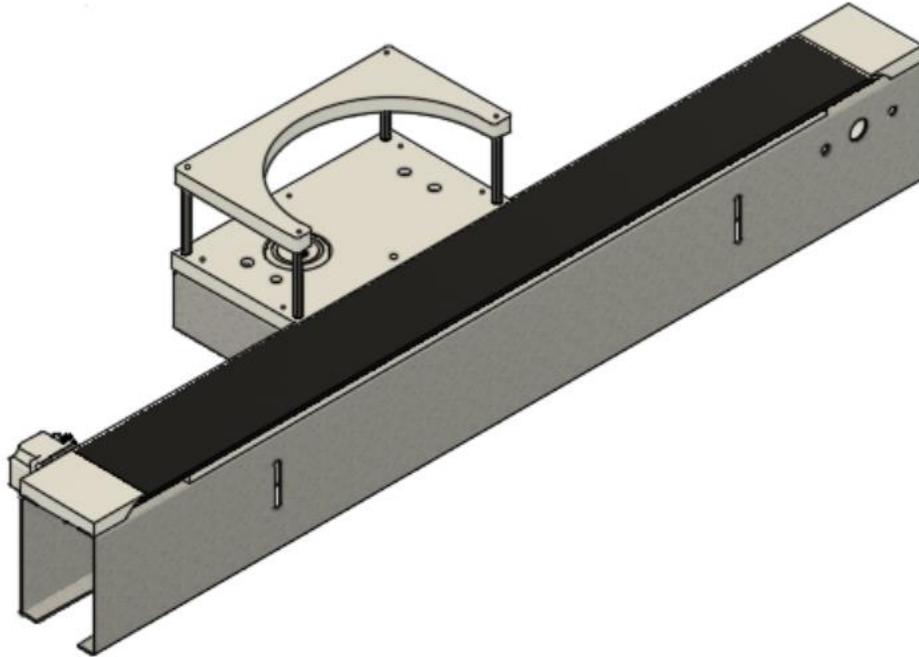
1.2- Remove existing conveyor side rails.

- You will be cutting them in a future step but get them out of the way.

1.3- Remove all unnecessary hardware from area head unit is going to attach to.

- Having a clean chunk of conveyor is going to make mounting easier.

Step 2 – Install 1st ½ of the Head Unit



2.1- Clamp the first half of the head unit to the conveyor:

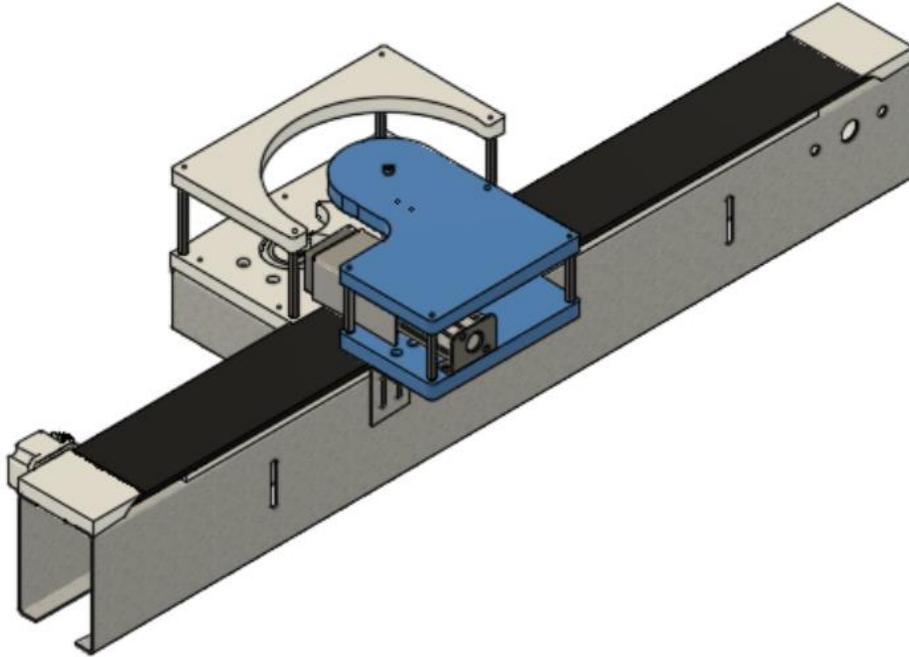
- Use a clamp to hold the head unit to the conveyor while marking the holes to be drilled.
- Make certain that the transition from the conveyor belting to the head unit deck is flush.

2.2- Remove the conveyor belting prior to drilling your ¼" holes:

- Usually requires lifting the belt and removing the pin that holds the links together.
- The pin will only come out in one direction.
- Clean while you have it off!

2.3- Install M6 bolts to attach ½ of head unit to conveyor.

Step 3 – Installing 2nd ½ of Head Unit



3.1-Remove the two M6 nuts and washer off the second half of the Head Unit assembly:

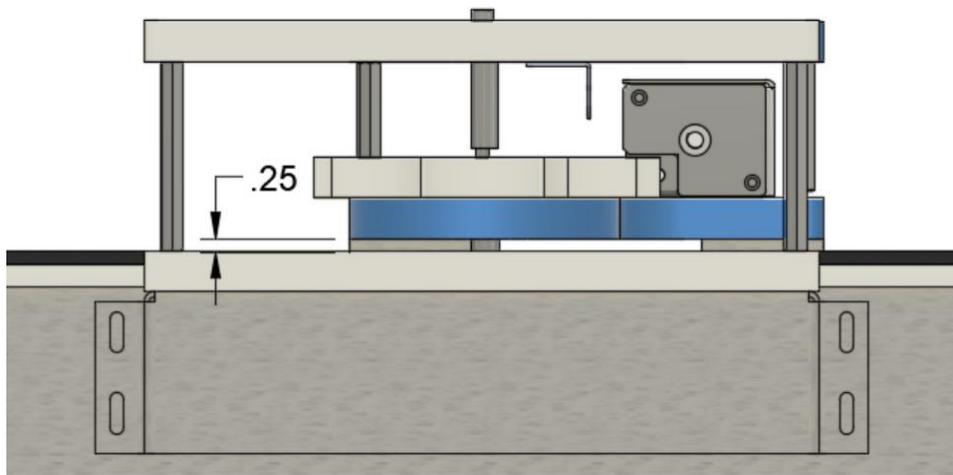
- Make sure to take note of the order of the parts in case they come out of order.
- The 1/4" spacer on the M6 bolt should sit flat on the first half of the Head Unit you installed.
- Insert the M6 Bolt and star wheel assembly into the first half of the Head Unit you installed.

3.2- Set the 2nd ½ of Head Unit into place:

- Replace the M6 nuts on the star wheel assembly to help hold things while taking measurement and checking alignment.

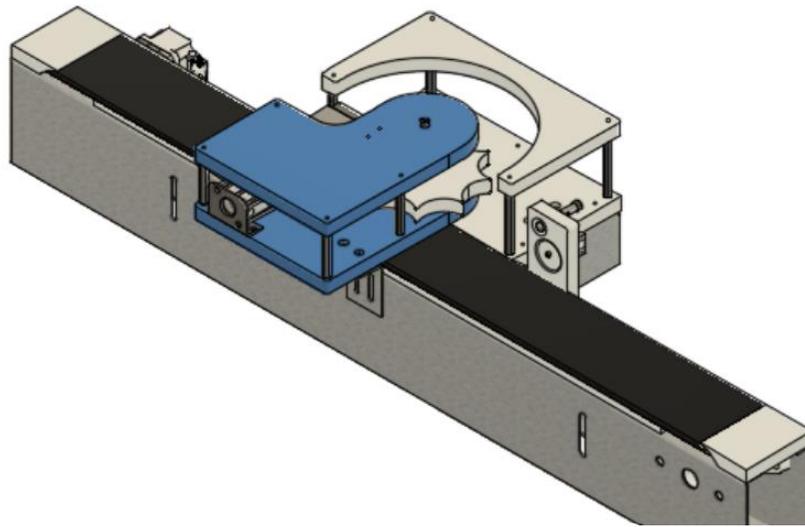
3.3-Place a portion of the conveyor belting under this assembly and use the provided $\frac{1}{4}$ " spacer to help hold the second half of the head unit level and square with the conveyor:

- Mark the holes to be drilled on the second side of the conveyor.
- Remove the second half of the head unit prior to drilling the $\frac{1}{4}$ " holes.
- When reassembled there should be a $\frac{1}{4}$ " gap between the conveyor and the head assembly



***Take time to make sure that everything is level and square this will help ensure that the Auto-Reject functions properly.**

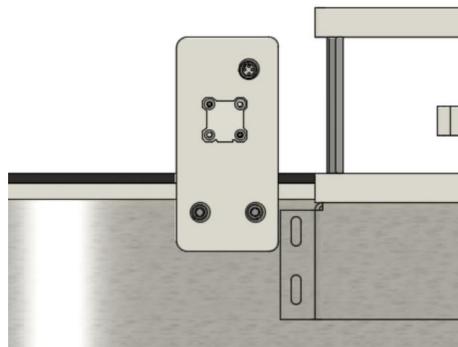
Step 4- Installing the Rejection Assembly



4.1- Drill $\frac{1}{4}$ " holes for the Rejection Assembly to attach through.

4.2- Use the M6 Bolts provided to attach it.

- The Rejection Assembly needs to be as close to the exit of the Head Assembly as possible.



Step 5- Replacing the Conveyor Belt / Cutting Side Rails

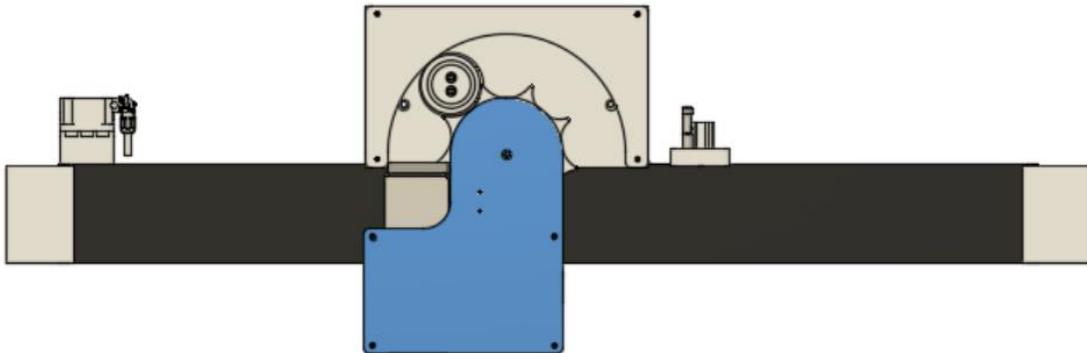
5.1- Make sure that all fasteners are tight prior to replacing the conveyor belting.

5.2- Feed the conveyor belting under the Head Unit and re-insert the connecting pin that holds the links together.

5.3- Turn the conveyor on to ensure proper operation.

5.4- Replace the side rails on the scale side.

-you will want the rail to come within $\frac{1}{4}$ " of the Head Unit and $\frac{1}{4}$ " of the rejection assembly.



5.5- Replace the side rails on the push side

-You will want the rail to guide the cans directly into the dead stop.

-The last section of rail to be installed will be the one across from the rejection. Leave yourself a gap for the cans to be rejected through.

Step 6- Mounting the Control Cabinet /E-Stop/ Routing Cables and Air Lines

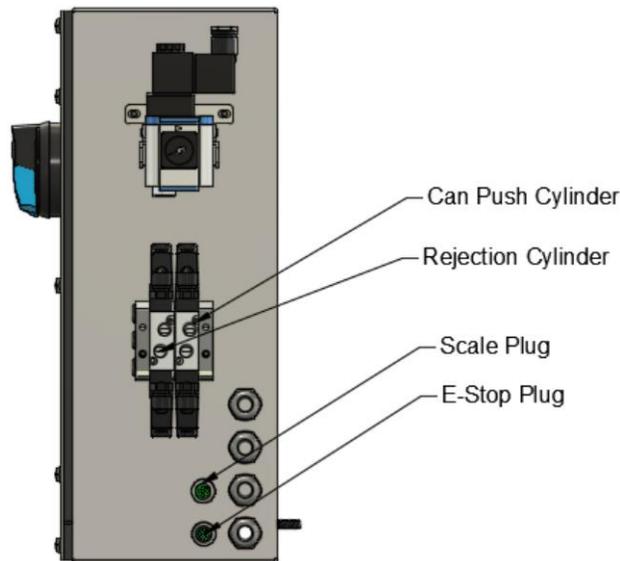
6.1- The Control Cabinet is intended to be mounted to the conveyor that the head unit is on. The control cabinet can be mounted in any orientation. Included are 90 Degree brackets and M6 Hardware for mounting.

-Drill 1/4" Holes.

6.2- Make sure that the cables coming out of the Control Cabinet are able to reach the Head Unit prior to mounting Control Cabinet.

Cable Wiring

Cable	Attachment Point
M12 Cable #1	Can Entrance Sensor
M8 Cable #2	Can Push Cylinder
M12 Cable #3	E-Stop Plug on Cabinet
M12 Cable #4	Rejection Sensor



Air Manifold	Color	Cylinder
Manifold #1	Blue	Back of Push
Manifold #2	Black	Front of Push
Manifold #3	Blue	Back of Reject
Manifold #4	Black	Front of Reject

6.3- Route the cables and air lines neatly from Head Unit to Control Cabinet using supplied zip ties and cable clamps. Take any slack and coil neatly near Control Cabinet.

-mount cable clamps every 1'

6.4- Mount the E-Stop Button on an area of the conveyor that is easily accessible to the operator in case of Emergency.

-The Auto-Reject System will not function if the E-Stop is not plugged into the Control Cabinet.

6.5- Replace the Safety Cover.

6.6- You are all SET! Power your system on, grab your tablet and continue to User Interface Setup.