

CAPDRYER MOUNTING



For Conveyor Top Drying

Instructions below are for mounting Paxton's Half and Full CapDryer Systems onto and overtop of a conveyor. The product is intended to dry the tops, cap, shoulders, and collar of bottles and jars - typically Pre-Vision System.

Each CapDryer will come with:

1. Lift Arm (pre-assembled)
2. CapDryer (tunnel)
3. Empty Bottle Ejector (usage is optional)
 - Ejector Nozzle
 - Rod/Mounting Kit
 - Hose (5' / 1.52 m) and clamps
4. All additional hardware for mounting

INSTRUCTIONS

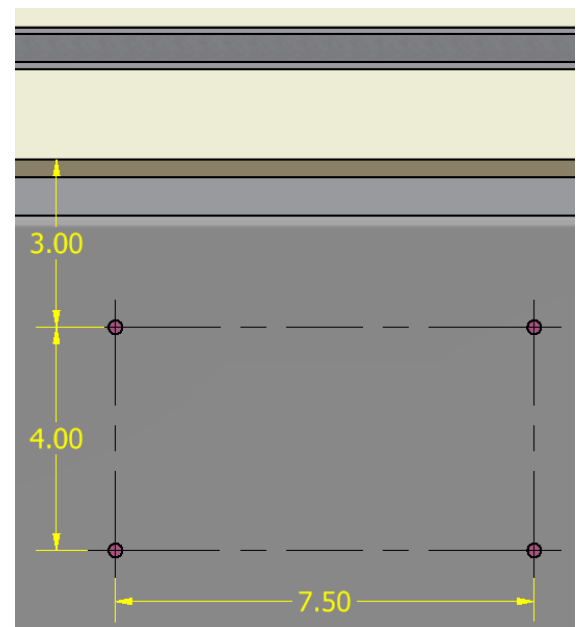
1 Locate a space that is free of any mechanical, electrical, or other interferences. If any interferences, consider relocating prior to installation. The Full CapDryer is approximately 30" (762 mm) inlet to end and the Half CapDryer is approximately 18" (457.2 mm) inlet to end. Consider and allow for additional space for any additional installation hardware such as hose, elbows, and sleeves.

2 Mount Lift Arm to conveyor: measure 3" (76.2 mm) below the top belt/chain surface along the side of the conveyor and mark the location. This is the typical distance from the belt to the top of the lift arm bracket. Measure an additional 4" (101.6 mm) below the mark, so that the two marks are spaced 4" on center vertically.

3 From the two marks, 4" on vertical centers, measure and mark two points horizontally across at 7.5" (190.5 mm).

- Use the Lift Arm to confirm that the (4) points align with the obround cut outs in the bracket.

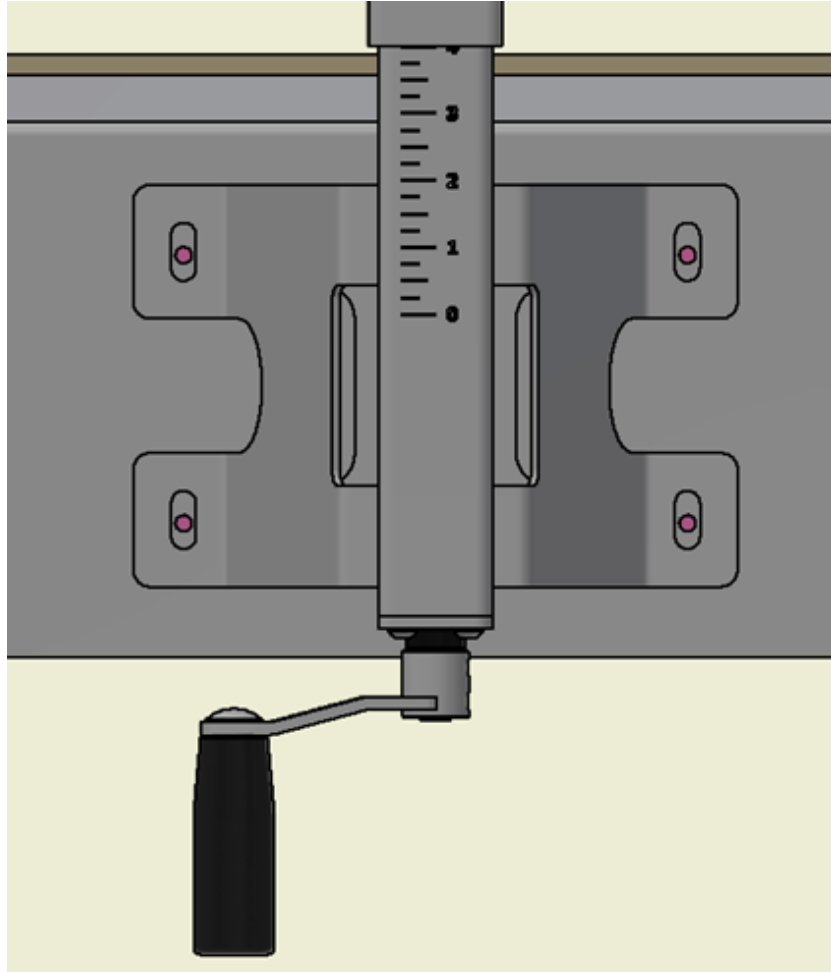
4 Drill out the (4) marks using a 11/32" drill. Use a pilot hole or feel and confirm that drilling operations will not interfere with return belt or rollers. Alternatively, the Lift Arm can be fastened by stud welding (4) studs to the conveyor using 5/16" bolts.



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One at a time, feed the provided 5/16" bolt(s) through the drilled holes and at the same time, locate the Lift Arm - bracket onto the bolt. Use the provided washer and locknut to tighten, but not fully engaged. Repeat for the remaining (3) bolts, washers, and locknuts. Once all bolts are aligned onto the Lift Arm - bracket, secure tightly onto the conveyor.

- If a level is available, check vertically and horizontally to ensure and eliminate any sloping of the CapDryer.



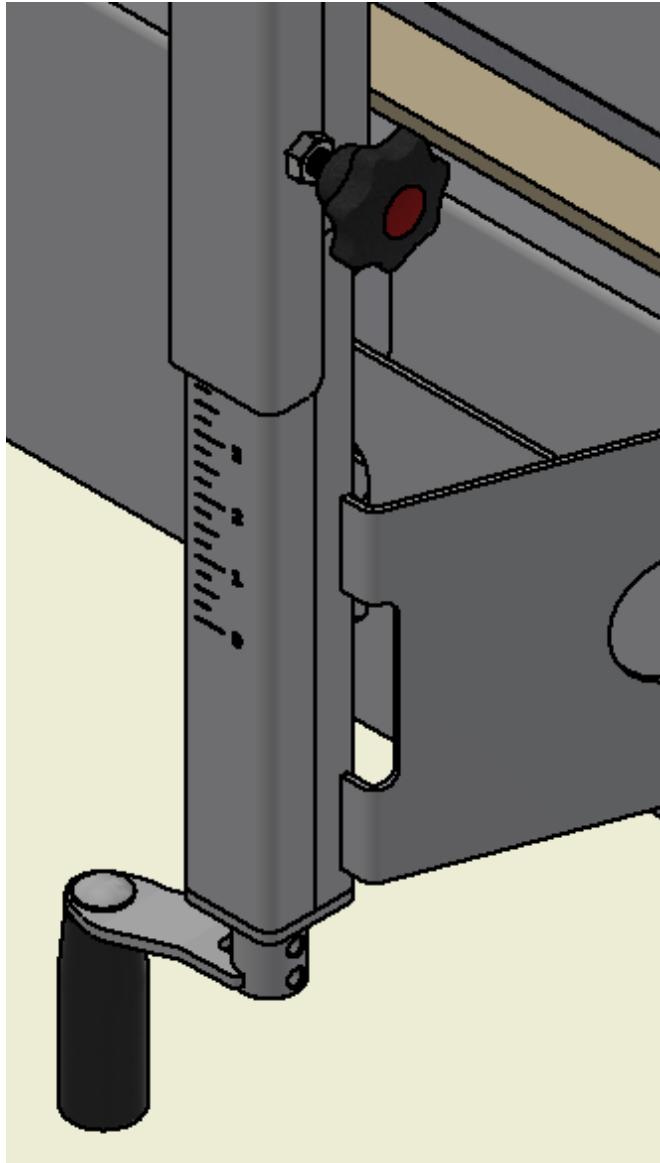
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Locate the (4) 3/8" HEX head bolts and hand thread, but not tighten, into the upper-horizontal weldment through the welded nut(s).

7

Locate and loosen, but do not remove, the knob on the vertical section of the Lift Arm. Begin by raising the Lift Arm by rotating the handle CW until the etched number '8' is visible.

- Depending on rail height, additional clearance may be required.



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Orientate and position the CapDryer (tunnel) next to the conveyor with the air inlet facing downstream. Install the Mounting Arm onto the CapDryer using the (2) 3/8" HEX and washer(s). Hand tighten, but do not fasten secure.

9

Lift the CapDryer and feed the Mounting Arm into the Lift Arm weldment. Position so that the CapDryer's opening(s) are aligned with the center line of the conveyor, adjust accordingly and tighten the 3/8" hardware so that the CapDryer (tunnel) is secured to the Lift Arm and rotation seizes.

10

Retrieve sample product(s) that require CapDrying. One-by-one, raise and/or lower the Lift Arm, via crank, so that the CapDryer's internal nozzles target the neck, shoulder, top, and collar of the product. Note or mark, on the etched surface of the Lift Arm, the different height(s) and position for easy change over. Repeat for all product(s) and document accordingly.

- Secure and lock the height, prior to operation, using the knob on the vertical post of the Lift Arm to eliminate unwanted sagging of height drift.
- Confirm that all fixings and hardware are securely fastened.

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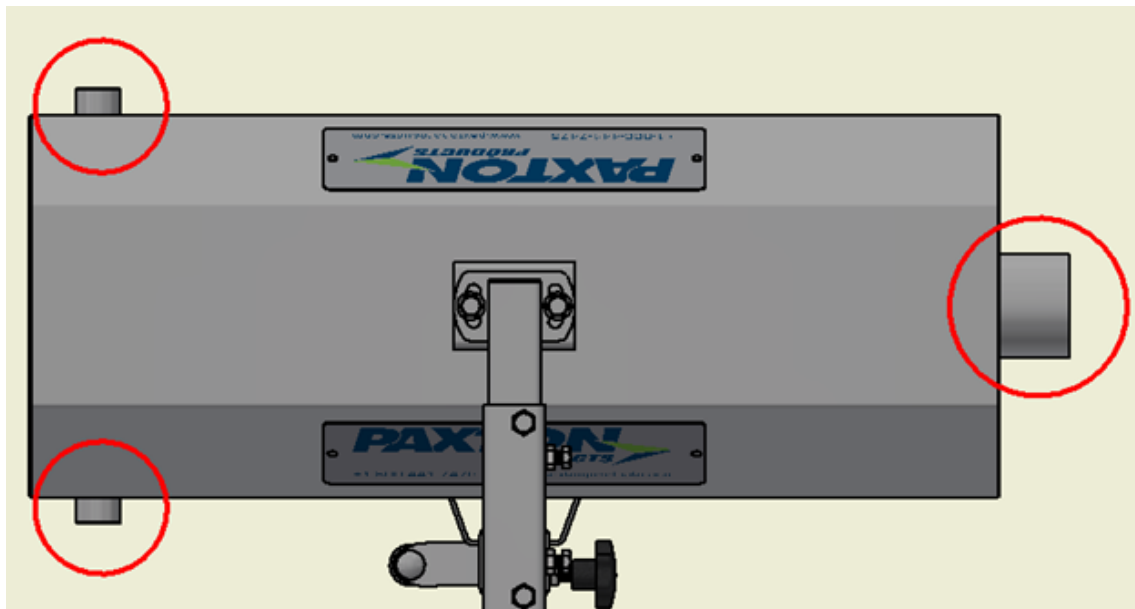
Install hose, elbows, sleeves, or other installation material(s) as required.

EMPTY BOTTLE EJECTOR MOUNTING

NOTE: Usage of the Empty Bottle Ejector is optional and not required. If not in use, return the half-coupling(s) into a plugged condition to remove any potential air from escaping.

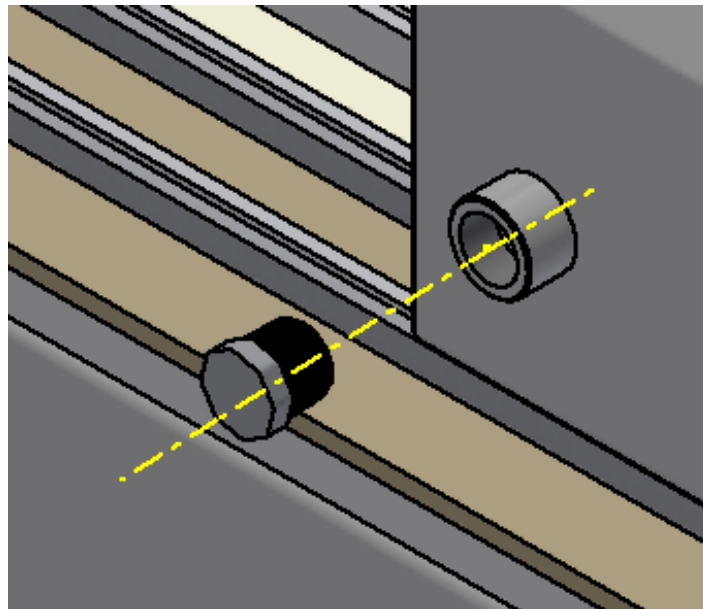
1 Complete all installation steps of the CapDryer.

2 With the blower off, locate the (plugged) half-couplings at the end opposite of the air inlet and determine which side of the conveyor ejection will take place.



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Remove the plug from the half coupling on the side opposite of the ejection chute or roll away bin.



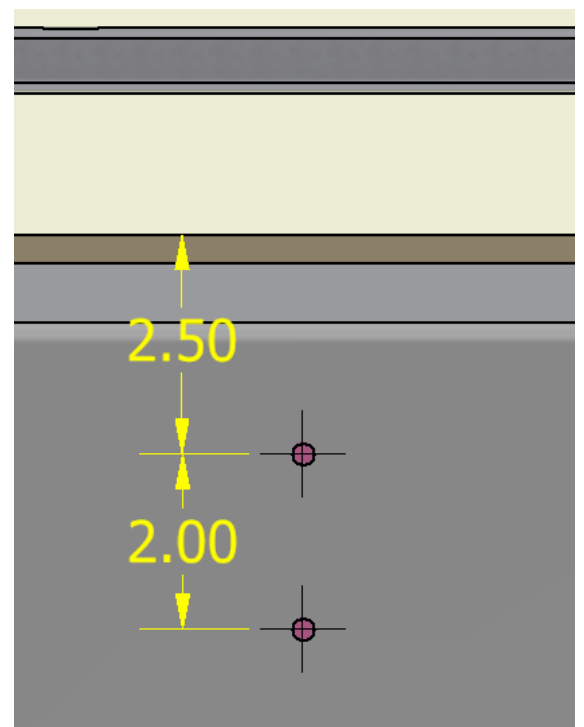
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Determine where the nozzle will be placed and bottles will be ejected - a 5' (1.52 m) section of hose is provided.

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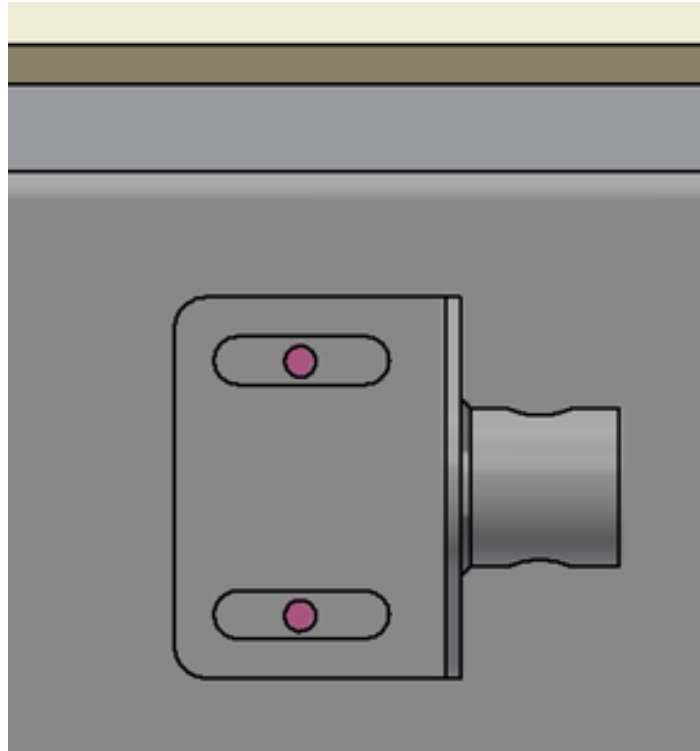
Locate the provided mounting bracket with welded coupling and measure 2.5" (63.5 mm) from the top of the belt/chain and place a mark. Measure and mark a colinear point, 2" below so that 2" on center vertical points are present.

- If a level is available, use the mounting bracket and level to confirm alignment and level. Adjust accordingly.



6

Drill two 11/32" holes, on the 2" vertical centers. Use a pilot hole or feel and confirm that drilling operations will not interfere with return belt or rollers. Alternatively, the mounting bracket can be fastened by stud welding (2) studs to the conveyor using 5/16" bolts. The bracket can be installed such that the welded coupler is on either side.



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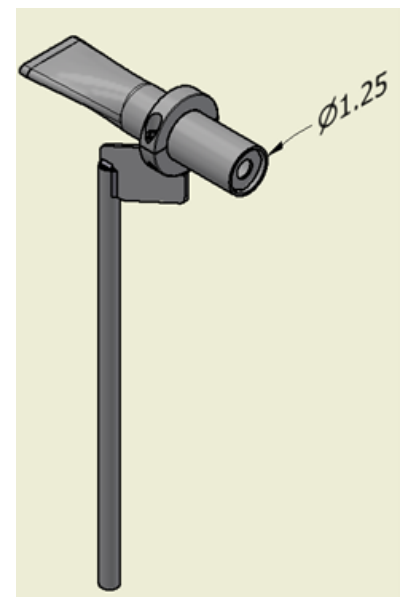
Feed the provided hardware through the drilled holes and fasten the mounting bracket to the conveyor side - secure and tighten.

8

Locate the stainless flare nozzle - install and tighten the welded rod and collar to the 1-1/4" (31.75 mm) OD tube. Leave room for hose and clamp installation.

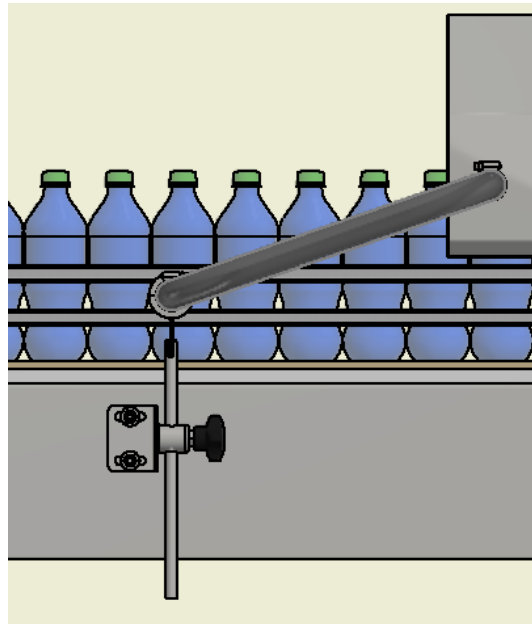
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Loosen the knob and eye hook and mate with the coupling, welded onto the mounting bracket, from Step 5. Install the rod and flare nozzle through the mounting bracket and eye hook.



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Using the knob, adjust the height of the rod such that the flare nozzle targets the body of the product. Fasten once an appropriate height is established.



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Use the provided hose and clamp(s) to connect the half coupling to the inlet of the flare nozzle and tighten accordingly. Trim excess hose length(s) to minimize pressure losses, but allowing for some expansion to occur.

