

20263: Project Presenting Oriented Tubes to Welding Robot



FEEDALL Model 2214 Elevator with 1650 Lateral Conveyor Customer: PIA Automation

APPLICATION: Receive Machined Tubes via a sling-borne bundle into a custom tapered hopper. Tubes

are separated from hopper via advancing cleats, then lifted and deposited onto

escapement ramp. An air cylinder lifts a single tube onto the lateral conveyor where it is

transferred to a nest for pickoff by a welding robot.

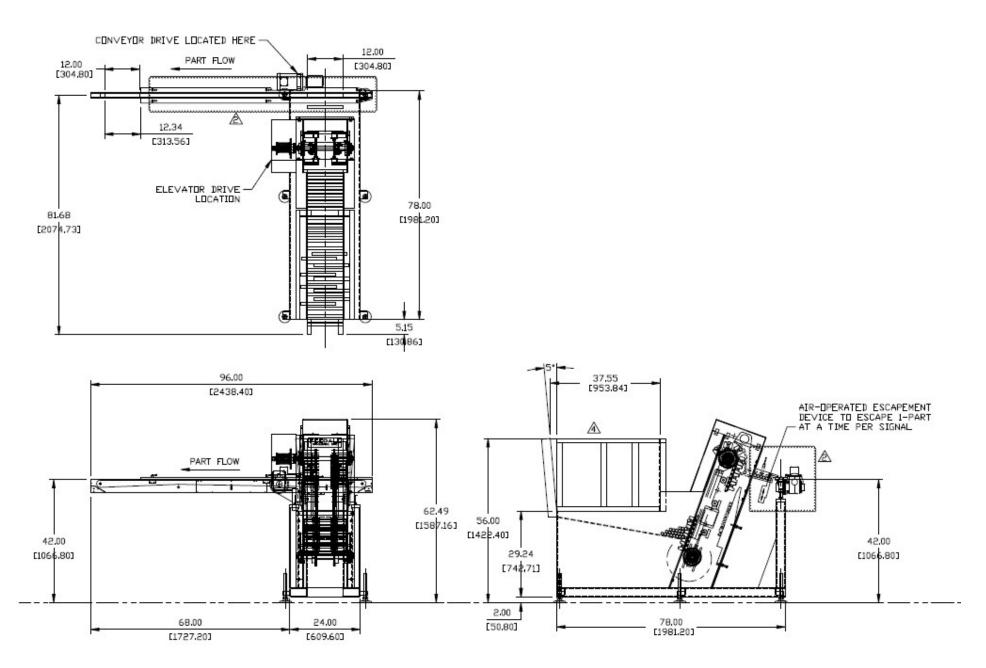
BELT TYPE: 1" Wide Polyurethane Timing Belt

CONVEYOR DRIVE: 1/4 HP/AC Motor w/Variable Frequency Controller **PARTS FED (SIZE):** Machined tubes (43mmØ x 211.99mm" Long)

FEED RATE: 8 Parts/Minute

MACHINE FED: Welding Robot Cell

FEEDALL Model 2214 Elevator with 1650-96 Conveyor



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