

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

