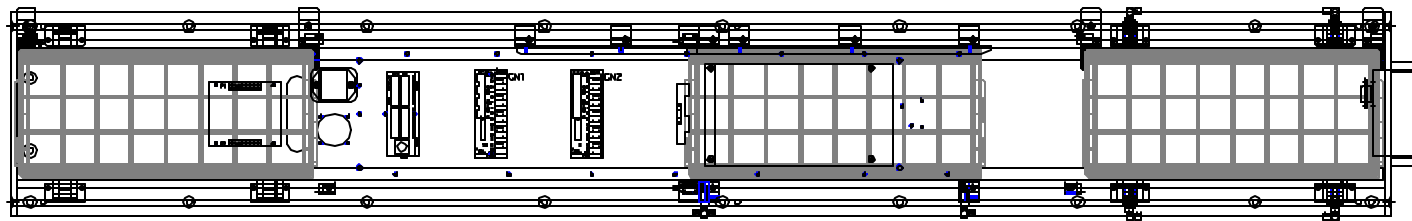


TH390 JEDEC TRAY HANDLER

Tray Capability	Custom size or JEDEC-outline metal and plastic device carriers Adjustable configurations for JEDEC "thick" and "thin" model
Capacity	Single stack/unstack (40 "thin" trays) or dual stack/unstack (2 X 40 "thin" trays) models
Operation	Unstack, tray process and stack operation
Cycle Time	Unstack: Minimum cycle time of 4 seconds Stack: Minimum cycle time of 2 seconds
User Interface	LCD or Touch screen, menu driven user interface Auto, Manual and Diagnostic Mode
Machine Interface	PLC based control system: Standard SMEMA interface, RS232
	Parallel I/O: Two DB25 connectors: (12 sensors open collector 24VDC, NPN or PNP, 6 air solenoid valves 24VDC, 30mA)
Conveyor motion	2 phase Vexta PK268-02 stepping motor, IMS483 amplifier built inside the handler Max. resolution: .0002" (0.005mm)
	Yaskawa SGMP-01A314 servomotor. Yaskawa SGDA-01 external amplifier Max. resolution: .0002" (0.005mm).
Conveyor speed	Up to 10"/sec
Overall Dimensions	Custom size: Length: 35" to 150"; Width: 8.6"; Height 10" to 18".
Facilities	Air Supply: 60 psi, Power: 24VDC, 6A or 110 VAC, 2.5A

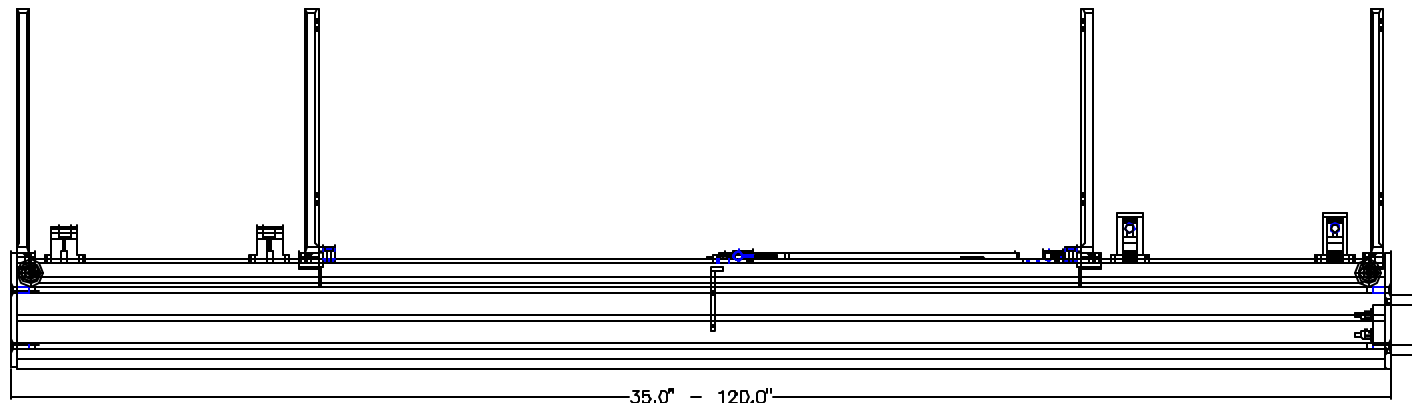


OUTPUT STACK

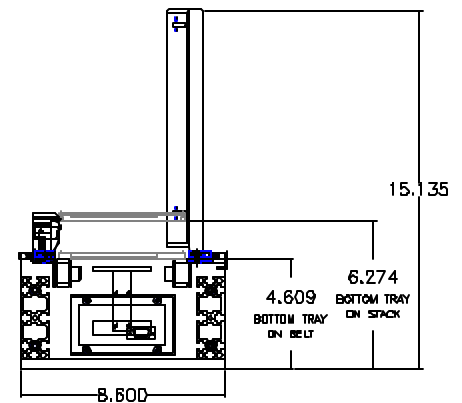
← PROCESS FLOW

PROCESS STATION

INPUT STACK



35.0' - 120.0'



15.135

4.609
BOTTOM TRAY
ON BELT

6.274
BOTTOM TRAY
ON STACK

8.600