



PPO Smart Imaging System Specifications

(Single Sided Inspection)

PPO's Smart Imaging System (single sided inspection) is optimally suited for assessing quality, identifying issues such as woody breast, fat/lean composition, tenderness and more. The system is manufactured to meet the demanding requirements of meat processors. PPO's system meets all applicable food-safe sanitary design principles and standards including NAMI and CFIA, and is IP69K compliant.

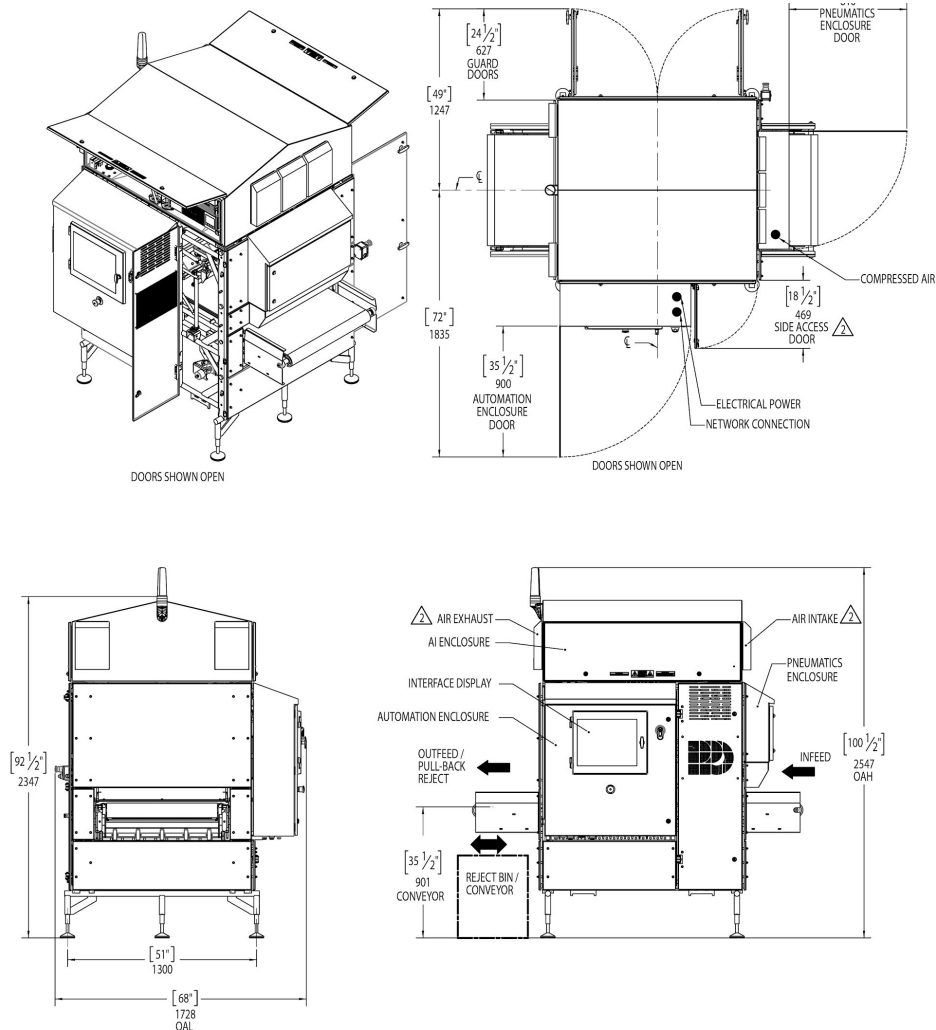
Compressed Air		Environmental		
Pressure 80 PSI minimum 145 PSI maximum Consumption 32 CFM maximum (actual consumption dependent on product quality) Supply Quality 7:7:4 as per ISO 8573.1 0.01 micron filtration		Standard Operating Temperature Range 0C to +10C Non-operating Temperature Range -25C to +60C (Transportation and storage) Humidity 90% R.H. maximum, non-condensing Ingress protection rating IP69K or equivalent Clean Air Intake Measurements: Intake Air Consumption: 400 CFM MIN Intake Air: 2-8°C		
Speed Capability	Size/Weight	HMI/PLC	Electrical	Connectivity
Supports line speeds up to 120 ft/minute and up to 50,000 lbs/hr, depending on the application	Conveyor Belt width (in-feed and out-feed): 30 inches (physical width) Customizable per application	10 Inch Touch Screen Panel (IP67, encased touch screen) PLC: Allen Bradley Compact Logix	Power Consumption 3 Phase, 480V, 30A, 60Hz	Single Gigabit Ethernet port (RJ-45), with appropriate controls to allow access via VPN



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PPO's Smart Imaging System can be customized to the specific application being considered. PPO reviews system design requirements with each of our clients prior to system build.

Approximate Dimensions



Plant Friendly Features

- Includes clean-in-place capability
- Optional belt scraper
- Adjustable belt guides
- Connects easily to 3rd party sorting devices and 3rd party belting
- Multiple rejection mechanisms available

Additional Information:

- Fully enclosed imaging and materials handling area with safety interlocks
- Compliant with CSA Z43216, IEC EN 61508, and ISO 13849-1
- Compliant to applicable electrical and safety standards including UL, CSA, OSHA, and NFPA 79
- Accredited licensing body in the U.S. and Canada