

# PPO Smart Imaging System Specifications

## (Z-Configuration Inspection)

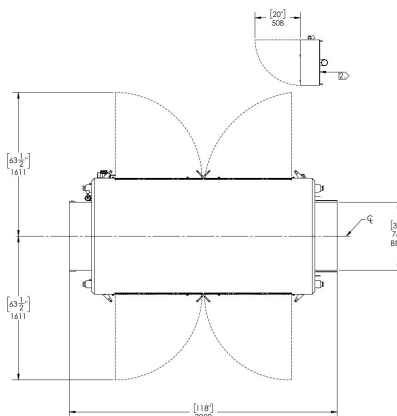
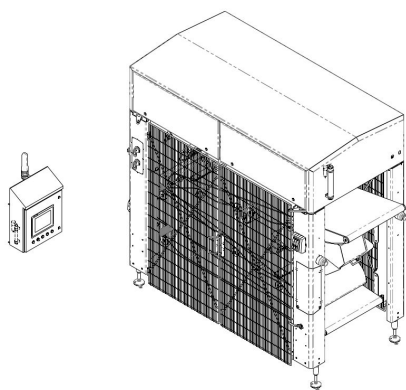
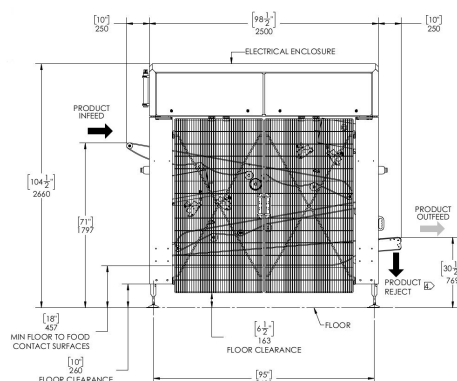
PPO's Smart Imaging System is a proven solution for both detecting and classifying foreign materials and assessing quality, detecting issues such as woody breast, fat/lean composition, tenderness, and more. The system is designed for non-invasive, double-sided inspection and meets all applicable food-safe sanitary design principles and standards including NAMI and CFIA, and is IP69K compliant.

Compressed Air		Environmental		
<b>Pressure</b> 80 PSI minimum 145 PSI maximum  <b>Consumption</b> 35 CFM maximum (actual consumption dependent on product quality)  <b>Supply Quality</b> 7:4:4 as per ISO 8573.1 5 micron filtration		<b>Standard Operating Temperature Range</b> 0C to +10C  <b>Non-operating Temperature Range</b> -25C to +60C (Transportation and storage)  <b>Humidity</b> 90% R.H. maximum, non-condensing  <b>Ingress protection rating</b> IP69K or equivalent  <b>Clean Air Intake Measurements:</b> 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	<b>Power Consumption</b> 3 Phase, 480V, 35A	Single Gigabit Ethernet port (RJ-45), with appropriate controls to allow access via VPN





## Approximate Dimensions



- Efficient clean-in-place capability
- Separate HMI enclosure
- Adjustable belt guides
- Connects easily to 3rd party sorting devices and 3rd party belting
- Multiple rejection mechanisms available
- Intralox Series 100 flat top X-ray detectable white acetyl belt

- 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