

CCPX-Bulk

Automated X-ray Inspection System Specifically for Bulk Applications

The **CCPX-Bulk™** Series model CCPX-Bulk-2208 Automated X-Ray Inspection System is specifically designed for the rapid inspection of continuous-flow, bulk product from beans to candies. To avoid excessive waste, the CCPX-Bulk-2208 can be provided with 40 discrete air-blast rejecters over the 24 inch belt width. For applications that do not require this level of resolution, the more economical Drop chute rejecter is also available. The CCPX-Bulk-2208 is designed for a wide range of environments to meet your particular needs.

CCPX™ is a revolutionary improvement to x-ray technology availability (or uptime). Availability is one of the biggest hurdles in deploying x-ray technology in critical control points. **CCPX™** enables customer maintenance personnel to service any aspect of the machine with minimal training by grouping all internal components into five modules which plug-and-play (Cooling, HMI, Processing, I/O, and X-ray modules). No need for software or mechanical alignment procedures. The ability for the customer to maintain this equipment with their own personnel, coupled with our new one button automatic setup, enables rapid resolution of any problem, therefore maximizing up time. The **HyperSwitch™** processing platform, the CCPX-Bulk-2208 provides the following capabilities:

- **Multi-lane Product Inspection**
- **Metal, Glass, Stone, and Grease Detection**

The unique architecture of the **HyperSwitch™** software enables extremely high foreign body detection while maintaining very low false detection even with little or no flow periods interspersed.

The **CCPX-Bulk Series** is a low energy system and is 100% lead free, therefore eliminating any hazardous material consideration.

Feature Highlights

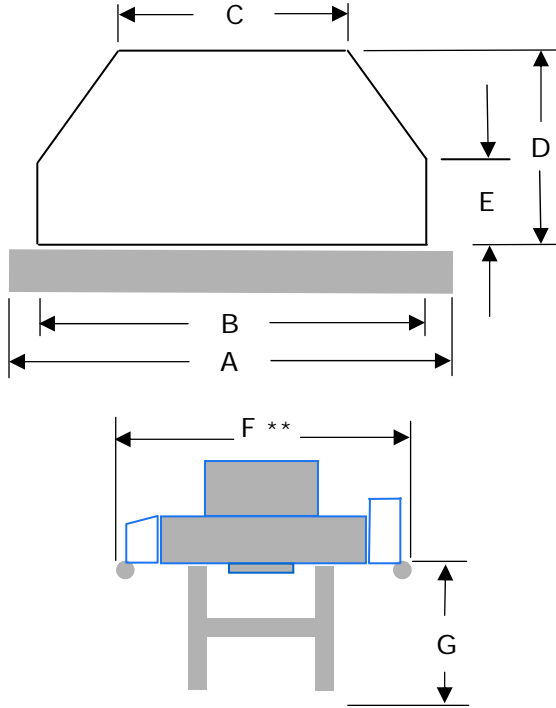
- **IP69K wash-down capable, all surfaces**
- **NSF 3-A, DIN EN 1672-2, USDA, AMI hygiene compliant**
- **HyperSwitch™** software allows completely automatic setup
- **Convection or optional water cooling for very high ambient operating temperatures**
- **Innovative technology to prevent internal condensation**
- **HyperSwitch Bene™** software automates product setup for contaminant and density
- **Conveyor and processing speeds up to 110 FPM for throughput 20K–75K lbs / hour**
- **Tool-less conveyor break-down for rapid and thorough cleaning.**
- **40 Discrete Air-blast and flap style rejecters**
- **Small footprint in 100% stainless-steel construction**
- **Ethernet interface for remote archive, control, and service options**
- **Time-stamped data and setup archive may be viewed by many methods**



Model CCPX-Bulk-2208 shown with flap style Rejection.

Technical Overview

Dimensions



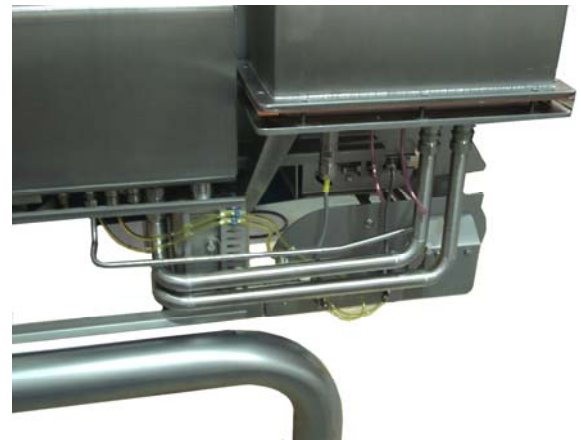
Model Number	A	B	C	D	E	F	G
CCPX-Bulk-2208	24.0	22.0	12.0	8.0	2.0	60	30-35



40 lane air array rejecter w/side walled conveyor

Key Technical Specifications

Belt Speed	100 to 110 FPM
Inspection Rate	Up to 75K lbs / hour
Contaminant Detection	0.6 mm SS sphere minimum Metal/Stone/Glass
Power Service	230VAC 50/60hz 10amp 1Ø service
X-ray Generator	50 to 80 KeV, 200 watt
Environment	IP69K High Pressure Wash-down NSF 3A Level 3 Hygiene DIN EN 1672-2 Hygiene USDA, AMI Hygiene
Temperature	0 to 41°C (32 to 105°F)
Cabinet	Type 304 stainless steel 2B mill & glass bead finish (#4 polish finish optional)
Conveyor	FDA Compliant double sided and end seals, Polyurethane Side walled version optional
Cooling	Convection cooling (<50F) or water cooling optional
Processing System	HyperSwitch™ on QNX OS
Communication	TCP/IP over Ethernet
Reject System	Full Width Flap Style or 40 lane air blast
Automatic Setup	Contaminant
Display	External D4 series cabinets Please consult your sales representative for options



Everything, cabinet, HMI, and cabling capable for high pressure (IP69) cleaning

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