

# MPADVANTAGE™ LaXser™ Detection System

**THE MPADVANTAGE™ LaXser™ BONE DETECTION SYSTEM COMBINES LASER AND X-RAY TECHNOLOGIES TO DETECT OBJECTS WITH A NEAR 1% FALSE REJECT RATE**

LaXser™ is the world's first advanced detection system utilizing patent pending synergetic x-ray and laser technologies to detect, with a high level of accuracy, physical contaminants such as bone, glass and metals in poultry and turkey, red meat and burgers, fish and other food products including packaged foods. Expect superior sensitivity with an ultra-low, near 1% false reject rate.

### Machine Features

- Advanced LaXser™ detection technology with highly sensitive synergic laser and x-ray imaging modalities.
- Unique advanced multi-task intelligent machine vision techniques and proprietary software with non-linear hyperspace image processing capability.
- 17" full color waterproof touch screen with stainless steel frame.



MPADVANTAGE™ LaXser™ Outfeed and Rejection System. Patent Pending

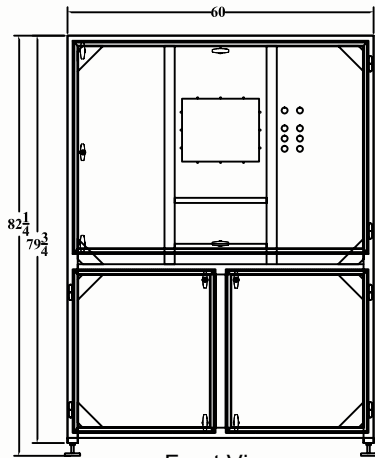


Infeed and Back Views

- Capable of live image display, image archiving, event logging and online statistics.
- Food grade type-2 polished stainless steel cabinet with NEMA-4X / IP66X standard sealing, capable of withstanding water jets of up to 1600 psi.
- Computer controlled automated rejection system with 2-lane simultaneous and independent rejection capabilities.
- Fully compliant with US Government ionizing radiation regulations.

# MPADVANTAGE™ LaXser™ Bone Detection System

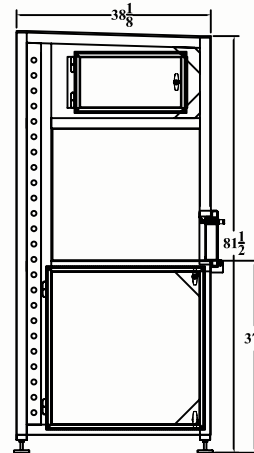
## Technical Information



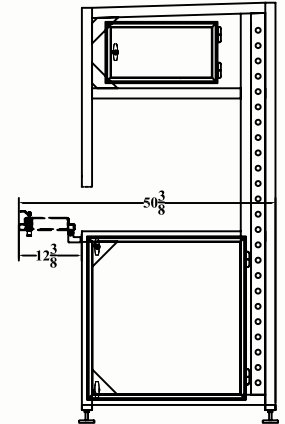
Front View



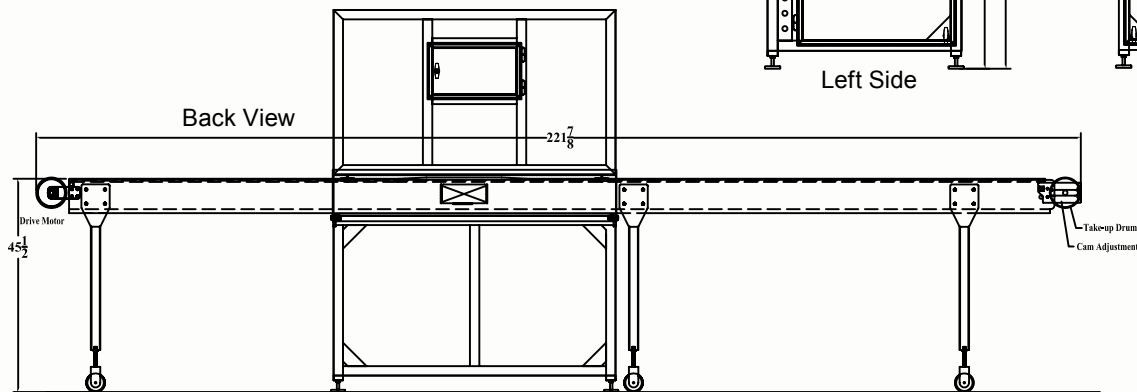
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Left Side



Right Side



Back View

### MACHINE SPECIFICATIONS

Height	7.5 ft
Width	5 ft
Depth	3.5 ft
Conveyor Length	10 ft / customizable
Weight	3,000 lb. est.
Resolution	0.36 mm x 0.4 mm x 0.4 mm
Detection Rate	> 98% (1/8" calcified chicken bones) > 99.5% (1/4" & larger calcified chicken bones) > 99.9% (1/32" metal, sand, glass, hard objects)
False Reject	Near 1%*
Speed	0-72 ft/minute
Conveyor Width	24"
Throughput	Up to 144 butterflies/min, 10,800 lbs/hr
Configurations	Dual-lanes (2 x 12")/Continues
Higher Speed Available	0-144 ft/min at 0.72 mm resolution

\*Based on actual comprehensive plant tests on chicken

Specifications subject to change

#### - SERVICES OFFERED -

- 24/7 Service
- Spare Parts Department
- Application Support
- Technical Support
- Line Audits

#### - MP WARRANTY POLICY -

*MP Equipment will repair or replace any MP manufactured component that fails due to defect in material or workmanship within 24 months from shipment.*

*All OEM parts covered by individual warranties.*

**MP** EQUIPMENT COMPANY

Your Best Value for Processing Solutions

