

Innovative Fish Bone Inspection

G120 OS Fish System



The G120 OS Fish System represents the most innovative offering in the field of automatic fish bone inspection.

Using high resolution area sensors on an indexing conveyor, fish products of all types are examined under high sensitivity for bones as small as 0.2mm in diameter.

The modular design allows for a rework line to be integrated. Where a bone is identified, the product can be passed through to a rework line. An operative removes the bone by hand and passes the product back into the inspection line for a secondary check. Alternatively, Sapphire have developed a robotic removal solution.

In addition to detecting bones, other contaminants such as glass, metal and stone will be captured in the inspection ensuring your products' safety.

The G120 OS Fish System is suitable for almost all types of fresh, frozen and processed fish fillets, planks and blocks. Highly attuned algorithms ensure a very low reject rate, a highly desirable quality for the fish manufacturing industry.

To increase the hygienic design, we have adopted a curainless design ramped conveyor. In addition, the conveyor can be quickly and easily removed for full washdown, ensuring the G120 OS Fish System meets with IP69K standards.

Ensure your product safety, deliver bone and contaminant free fish with this automatic end of line system.



Key Features

- ▶ Automatic fish bone and contaminant detection.
- ▶ Add in a rework line or reject feature.
- ▶ Easy to operate touchscreen function.
- ▶ IP69K standard with easy dismantle for hygienic washdown.
- ▶ Low false reject rate.

Sapphire Inspection Systems

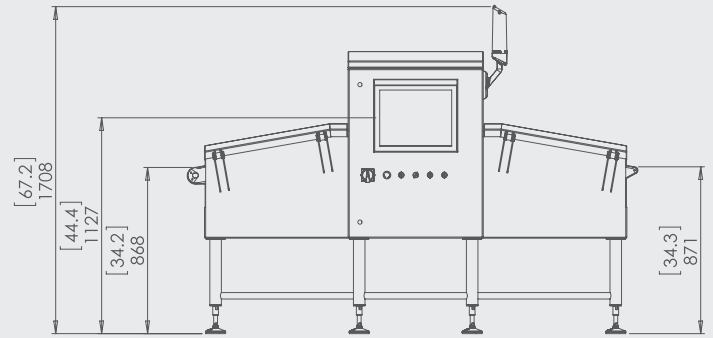
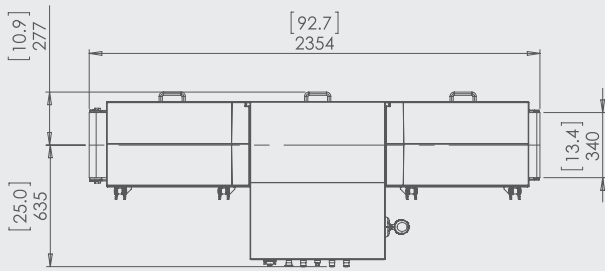
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Specifications



Superior Performance

- Easy to operate touchscreen interface.
- Dual lane indexing conveyor.
- Utilises Cheyney technology.
- UK manufactured with full Sapphire servicing.

Sapphire - Always at the forefront

Formed in 2010 from founding research and design parent company Cheyney, Sapphire is renowned as the innovator of low energy inspection.

With stellar designers and Cheyney technology, our Sapphire systems are quick to install, easy to use and unrivalled in the industry for speed, sensitivity and sophistication of detection.

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