

Superior Safety for Plastic Bottles



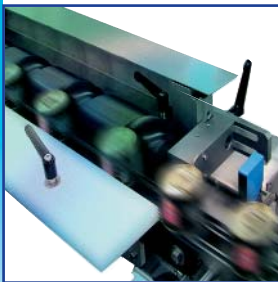
Minimum Downtime

The intuitive user interface gives you full control. With reduced dependency on skilled operators, automatic product setup can readily be completed without the need for an engineer, minimising equipment downtime.



Superior Product Safety

The side-beam approach to contamination detection maximises the probability of detection of foreign bodies such as glass, stone, metal, bone and high density plastic, yielding superior product safety, in addition to giving fill level control.



Productivity Gains

Unique to SAFELINE, the variable speed capability of the R20H system allows for changes in line speed without interrupting inspection, maximising throughput and increasing productivity.

R20H

X-ray Inspection Excellence

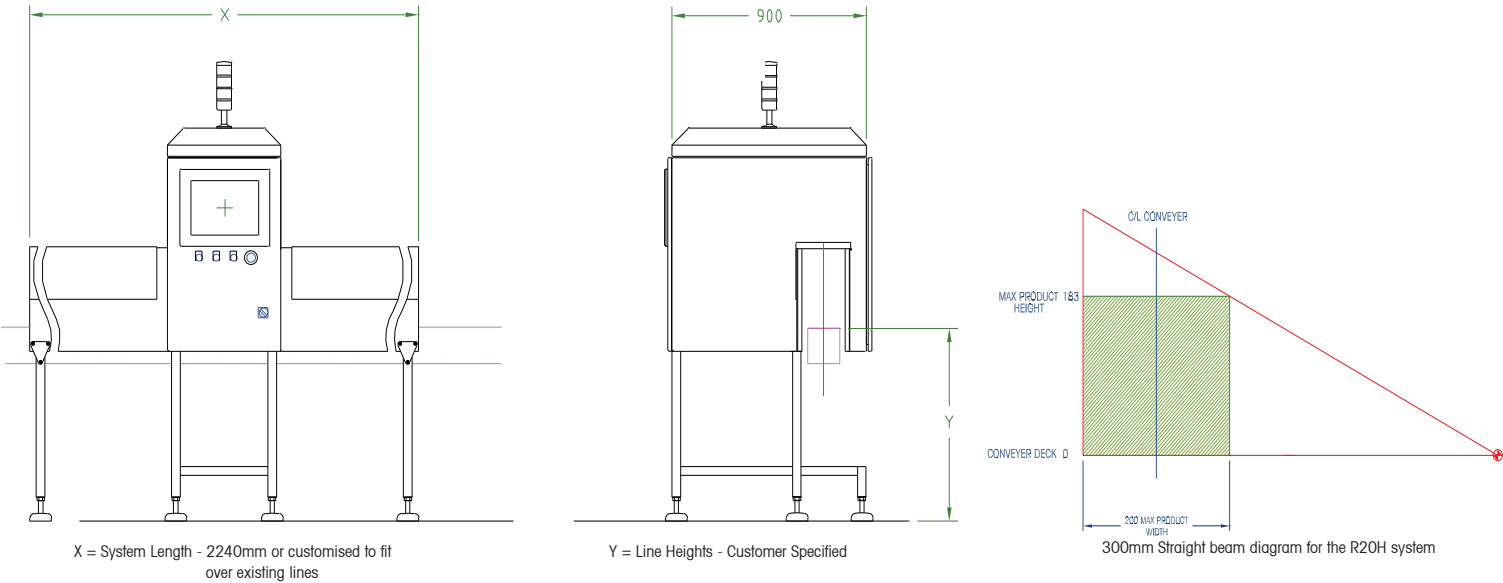
Foreign bodies, including metal, glass, stone and bone, are eliminated to ensure your product quality and safety. With the additional capability to measure mass and check fill levels, complete brand protection is provided.

- Highest hygiene standards in the industry (sealing to IP69K available) for **fast** and **thorough cleaning**.
- **Throughput is not compromised** as line speeds of up to 1200 plastic bottles per minute can readily be achieved.
- Operating at low energy, the system is inherently safe and reliable as no external water cooling is required, **reducing the cost of ownership**.
- Systems straddle existing conveyors allowing for easy integration, **minimising costs** as major line alterations are avoided.
- **Full traceability** via a unique user sign-in and event log system.

R20H

Superior Safety for Plastic Bottles

- Easy to operate, automatic product setup readily completed without an engineer, **maximising uptime**
- Fast and reliable detection of glass, metal, stone and high density plastic contaminants to **ensure product safety**
- Changes in line speed do not interrupt inspection due the variable speed detection capability of the system, **increasing productivity**



A superior range for maximum productivity

Throughput is not compromised as line speeds of up to 1200 plastic bottles per minute can readily be achieved. An unlimited number of product settings can be stored and automatic product setup can be achieved by the operator in minutes, maximising uptime. The hygienic design ensures there are no hidden areas, thus allowing for fast and thorough wash down, reducing equipment down time. A flexible approach to connectivity is offered with options for data retrieval via a USB port directly or via an Ethernet port using an OMAC compliant OPC server.

R20H Specifications

Core technology	Unique low energy x-ray system offers superior reliability and optimal sensitivity of detection
User interface	Windows XP Professional
Input method	15" colour TFT touchscreen, no keyboard required
Sensor	Highly stable USB detector, 0.4mm, 0.8mm or 1.5mm optional (subject to product test)
Inspection rate	Up to 1200 plastic bottles per minute (subject to product test)
Inspection width	300mm and 400mm (refer to the beam diagram for details)
Power options	Low energy X-ray generator options 70kv/1.5mA or 50kv/2.0mA
Inspection tools	Contamination detection, fill level, mass
Adaptive software	Automatic product variation compensation and real time display
Product setup	Under 20 minutes
Reject configurations	Pusher and multi step
Sealing	IP65 standard, IP69K optional, 3A dairy option
Power requirements	230V (50Hz)
Traceability	Full event log including change of parameters, products and users
Environment	Up to 45°C
Startup time	Less than 60 seconds
Connectivity	Data retrieved via USB port directly or via an ethernet port using an OMAC compliant OPC server

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For more information

