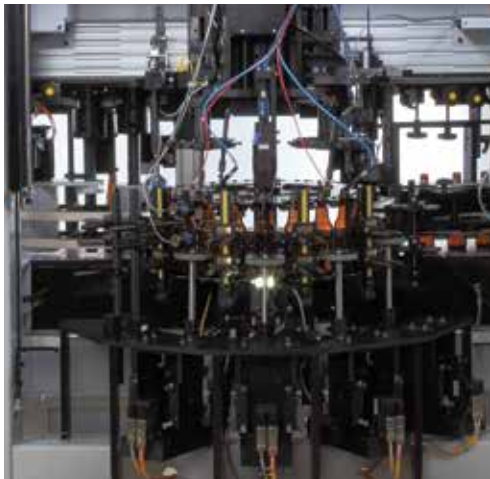




A modular, configurable system to meet your current and future inspection needs

FleXinspect M



Today's inspection solution

The FleXinspect M is a servo-indexing, rotary inspection system designed to be a drop-in replacement for many of the well known mechanical machines of the past. It provides configurable inspection functionality, modular versatility, value, and flexibility for glassmakers' current and future requirements.

Combined inspection

The FleXinspect M reduces the cold end footprint by combining multiple inspections within a single machine frame. The unique design of the servo-driven handling devices allows accurate, reliable inspections not historically associated with rotary inspection machines.

New infeed design

- Precise container control and smoother starwheel loading
- Unique design allows users to reposition the screw if needed to have a built-in bypass conveyor
- "Reach over" design allows the machine to be installed on any straight section of conveyor with minimal effort

Modulated LED check inspection

- Reduces good ware loss caused by ambient or reflected light
- Long life LED emitters with "auto checking" for damaged or unplugged hardware
- Allows greater area of inspection coverage with fewer emitters

Non-contact wall thickness inspection

- Accurate repeatable results with minimal required maintenance
- Provides more information for better control (thin, thick, ovality)
- Greater flexibility of measurement locations (corners, tapers, embossings)

Ware range

- Round and non-round containers
- Height: 38 mm - 350 mm
- Body diameter: 16 mm - 120 mm

FleXinspect M

- Inspection flexibility
- Modular and configurable to meet all of your current and future inspection needs
- Round and non-round inspection
- Speeds to 300 bpm

Part of the FleXinspect machine family, the FleXinspect M can be used with the other FleXinspect products to create the most comprehensive inspection solution in today's market.



FleXinspect is powered by SCOUT technology that enables new levels of automation, performance and simplicity. SCOUT is the foundation that will support future advancements in hollow glass inspection.

Features

- Active cooling of main electronics, with thermal protection
- 30° Infeed entry angle
- Integrated inspection conveyor
- 680 mm Ø star wheel
- Traceability of changes
- Cavity correlation of all defects
- Servo-driven rotate devices
- Servo-driven infeed screw
- Servo starwheel
- SCOUT technology

Machine configuration (2 configurations offered)

- 9/18 pocket star wheel with 3 servo-driven rotate stations*
- 12/24 pocket star wheel with 5 servo-driven rotate stations

Standard inspections

- Modulated check detection
- Mold number reader - Heel code
- Mechanical plug/ring
- Mechanical dip/saddle/height

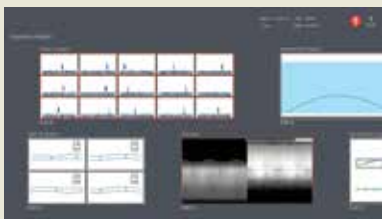
Additional inspections

- Wall thickness - 4 elevations
- Vision mold number reader - Alpha numeric/bottom dot
- Sealing surface/Wire edge
- Base/Base stress
- Vision check

Production speeds

Pockets	Max. dia.	Stations	Max. speed
18*	79 mm	5	265 BPM
9*	120 mm	5	185 BPM
24	66 mm	7	300 BPM
12	120 mm	7	215 BPM
Beer	Wine	Baby food	Non round
180-240	140-180	200-260	100-180
Burst speeds			
280	230	300	N/A

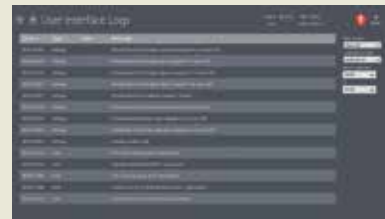
* In this configuration can reuse Veritas IM tooling



Flex M Inspection Results
The graphical display shows the user all results in a single view.



Flex M Detailed Results
Simple navigation and intuitive layout designed to make setup easy and fast.



Flex M User Logs
All machine interactions are logged and saved, including changes to inspection/machine parameters for traceability to what was changed, who changed it, and when.

Specifications

Power requirements

- 230 VAC, 3 Phase, 25 Amps
- 380 VAC, 3 Phase, 15 Amps
- 400 VAC, 3 Phase, 15 Amps
- 415 VAC, 3 Phase, 15 Amps
- 460 VAC, 3 Phase, 12 Amps

NOTE: Transformer required for any other voltage.

Air requirements

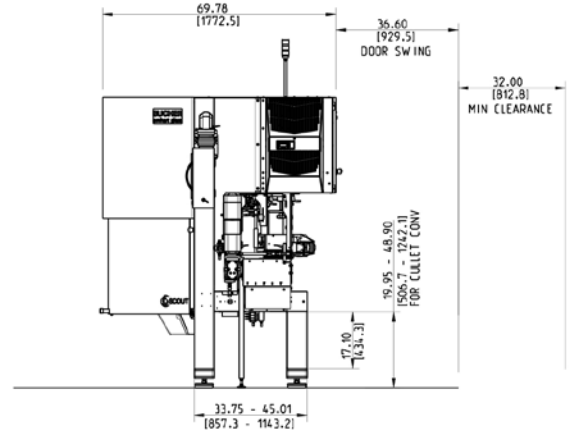
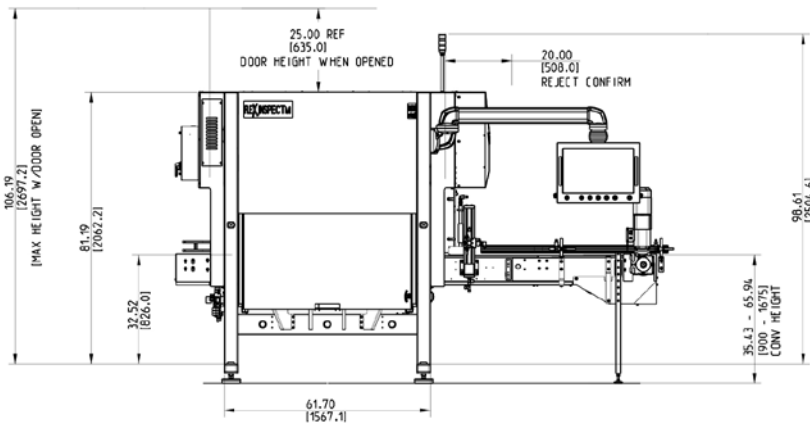
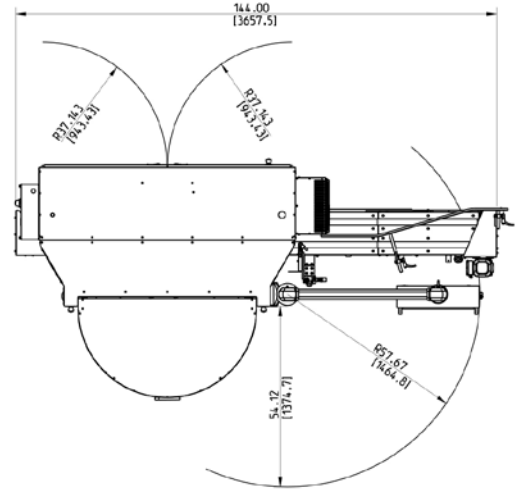
- Minimum 3.5 bar nominal [50 psi]
- Maximum 0.8 to 0.85 m3/minute

Environmental considerations

- Temperature maximum 50 °C [122 °F]
- Relative humidity Max. 95% relative humidity (non-condensing)

Machine speed

- Maximum of 300 bpm
- Minimum of 60 bpm
- (Speed is affected by container dimensions, shape, starwheel configuration, and plug penetration)



Specifications are subject to change. Actual performance depends on specific application, container size, and line speed. Dimensions represent nominal machine size and are not for installation purposes.

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