

FleXinspect T



The comprehensive inspection solution offering versatility, value, and flexibility

- Operates on the "Generation III" technology, leading the way in artificial intelligence and deep learning solutions.
- Is a reliable and uniquely configurable platform that easily allows additional inspection functionality to be added.
- Provides unmatched modular versatility, value and flexibility for glassmakers' current and future requirements.
- Can be configured as an "all in one" inspection machine performing all the required inspections for today's glassmakers.



Complete cold end inspection

The FlexInspect T gives glass manufacturers a total inspection solution, as the fully equipped system is capable of providing all the necessary cold end inspections. The unique design of the servo-driven handling devices allows inspections that in the past were not possible with rotary inspection machines.

As a component of the FlexInspect family, the FlexInspect T can be used in concert with the other FlexInspect machines to create the most comprehensive inspection solution in today's market.

Reduced line space and maintenance

- Multi-function configurations reduce the total number of machines per inspection leg
- High speed machinery reduces the number of inspection legs per forming line
- Significant maintenance and labor savings due to fewer inspection machines in the production area

Higher speeds and larger ware

- Starwheel design allows higher speeds on large diameter containers
- Flexible starwheel pocket configurations maximize throughput (BPM)
- Synchronized servo technologies optimize overall machine efficiency

Non-contact vision gauging (plug, ring, dip)

- Elimination of possible contamination or damage to the finish
- High speed operation with improved accuracy
- Simple and quick setup

Precise container rotation

- Servo-driven rotator with modular design for improved operation
- Servo technologies providing rotation performance feedback
- Modular design allows maximum setup flexibility

Features

- All inspections in one machine
- Modular/expandable inspection systems
- Master Track compatible when combined with a FleXinspect C
- Cavity correlation of all defects
- Non-contact gauging for the finish
- Integrated inspection conveyors
- Brushless non-round container handling
- Traceability of change (who, what, when)
- 840mm servo driven starwheel
- Five modular servo driven rotation devices
- Servo-driven infeed screws
- Servo-driven starwheel
- Live belt outfeed handling system
- Auto challenge functionality (QC samples)

Available Inspections

- Vision Check
- SmartInspect AI
- Mold number reader – heel codes
- Vision plug/ring/dip/saddle/height
- Wall thickness – up to four elevations
- Two ‘point out of round’ (up to two positions)
- Mechanical plug/ring
- Mechanical dip/saddle/height
- Vision mold number reader – alpha numeric/bottom dots
- Sidewall opaque/Sidewall transparent/Sidewall stress
- Base/base stress
- Sealing surface/wire edge
- Dimensional (height, diameter, lean)
- ID read (matrix code reader)

Ware Range

- Height: 35mm-381mm
- Body Diameter: 16mm - 170mm

Safety

- Safety guarding, including entrapment tunnels
- Safe jog/run with two hand biometric control switches
- Safe torque off position monitoring and control

Equipment Details

Pockets	Max. Diameter	Inspection Stations	Available Rotation Stations
12	152mm	7	5
24	79mm	13	9

Typical Production Speeds

Type	Pockets	Production Speed	Burst Speed
Wine	12	Up to 250	270
Beer	24	Up to 350	370

Specifications

Power requirements

380 to 480 VAC, 3 Phase, 25 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 Max. 50 °C [122 °F]

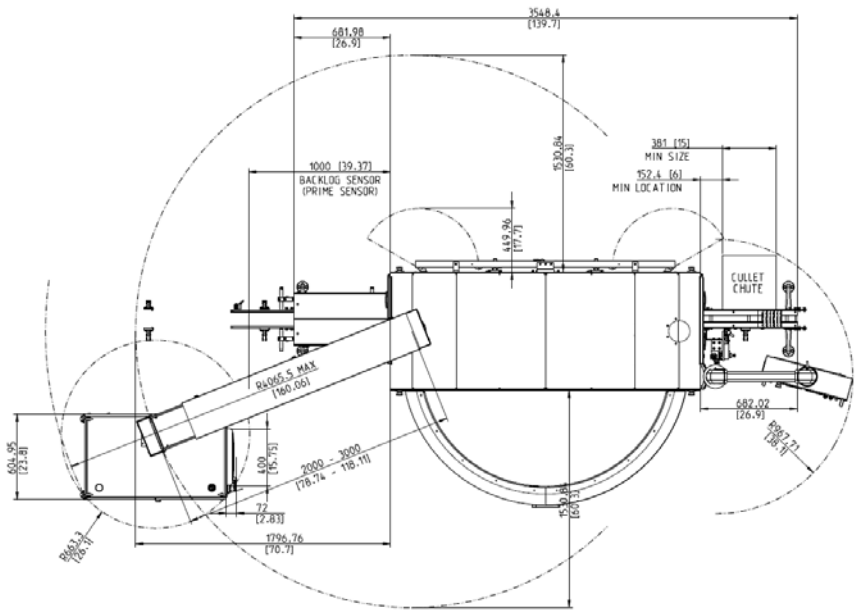
Relative humidity Max. 95% relative
humidity (*non-condensing*)

Machine speed

Maximum of 400 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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