

inspect M

Building a world famous Sanjin
Brand for future generations

A servo driven rotary
inspection machine.



Sanjin 三金

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inspect **M**

inspect **M** is a servo driven rotary inspection machine, that allows handling of up to 200 containers per minute.

Machine specification and Data Sheet:

	Height	Diameter	Finish Diameter
12 Pocket	50 to 350 mm	66 to 118 mm	11 to 118 mm
Starwheel	[1.96 to 13.78 in.]	[2.60 to 3.94 in.]	[0.4 to 3.94 in.]
24 Pocket	50 to 350 mm	35 to 64 mm	11 to 64 mm
Starwheel	[1.96 to 13.78 in.]	[1.37 to 2.52 in.]	[0.4 to 2.52 in.]

Standard Inspection:

- Mechanical plug and ring gauging
- Dip, saddle and height gauging
- Check inspection system imported from America (8 channels)
- Mold number reading (heel dot code)
- Out of round

Optional Inspection:

- Optical wall thickness (non-contact)
- Check inspection system imported from America (12 channels)

Defect Detected:

- Choked neck
- Oversized ring
- Finish, neck, shoulder, body, heel and base checks
- Finish deformities - Dip and saddle finish
- Over max and under min height



Container Handling

An infeed screw spaces and feeds containers into the servo indexing starwheel handler.

At the outfeed,stripper plates,a live belt stripper,or a combination of stripper plates and the live belt stripper,guide containers out of the starwheel and back to the production line conveyor . Defective containers are reected as they exit the inspection machine.

Physical Specification

Power Requirement

380/400/415 VAC, 3 Phase

Air Requirement

Min----- 3.5 bar (50 PSI)
 Max----- 7 bar (100 PSI)
 Maximum Consumption----- 0.8- 0.85 m³/min [20 to 30 cfm]

Temperature Specification

Maximum (Without cooling)----- 40° C [104° F]
 Maximum (All cooling options)----- 50° C [122° F]
 Minimum----- 1° C [34° F]
 Relative humidity----- 95% (non-condensing)

Machine Speed

Maximum----- 200bpm
 Minimum----- 60bpm

Speed is effected by container dimensions, shape, star wheel configuration, and plug penetration

Dimension

Length----- 2834mm
 Width----- 1162mm
 Height----- 2095mm to 2695mm
 (for a conveyor height between 900mm and 1500 mm)