

Land Mark Industries, Inc.
5433 Miller Rd. Dearborn, MI 48126

Automated Inspection

Machine Description

The AV-B100-G3 is a 7 cameras inspection system that incorporates multiple technologies together to create a highly customizable and easy to use solution for your products. A vibratory feeder bowl is used to feed the system, which allows for a wide range of parts to be fed into the system. Once inside the inspection machine, the parts will transfer to each conveyor and pass through each inspection station. Each part is tracked and traced through the system allowing the parts to be precisely controlled through the inspection process. The system will then blows off the good parts and allow the failed parts to continue to the reject station.

Common Defects

- 360° Thread Damage
- Thread Major Diameter
- Thread Minor Diameter
- Spiral Thread
- Thread Presence
- Over all length
- Flange thickness
- Flange diameter
- Shank Length
- Shank diameter
- Missing Washer
- Head Diameter
- Head Cracks
- Open Head Burst
- Torx Inspection
 - Broken punch
 - Plating build up in Torx
 - Torx concentricity to head
- Deformed head
- Head markings
- Patch Presence
- Plating Presence
- And More!

Part ranges

Requirements: Ferrous material that can hang and stand on end

Diameter: M3 – M16

Length: Up to 2.75



















