

Inspection of deep drawn cores

- Surface inspection and gauging for different core types
- Up to 6 cores per second
- Fast changeover to other core types
- Deviant parts recognition and sorting out
- Exact piece quantity processing enables tying to a packing machine
- Integrated error diagnosis with automatic system restart

The core inspection system works stand alone or integrated in the process. It detects surface errors and measures the core dimensions. The system can be extended with further control tasks.

The cores are controlled while in movement, enabling flow-rates up to 6 parts per second.

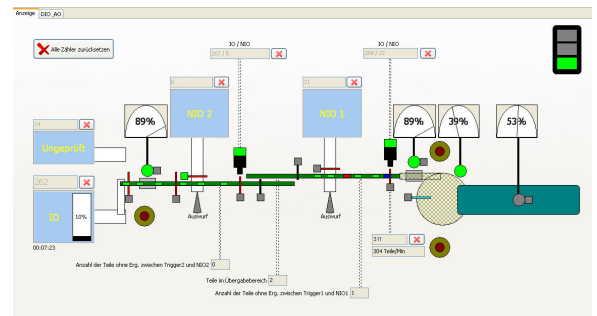
Main system components

- Inspection system with master computer
- Vibrating bowl feeder
- Belt hopper with 1000l capacity

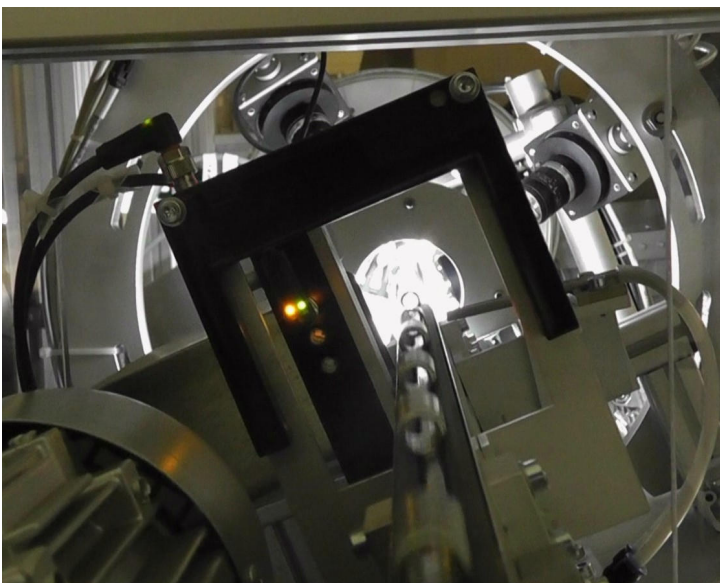


Inspection system with bowl feeder

Master computer with system overall overview and detailed component status information including all sensors and actuators.



Visualization master computer



Inspection

Features

- Automatic adjustment in case of charge caused surface variations
- Status indication for the different system components
- Number of rejects counting for all expulsion ports
- Easy and fast changeover to other core types
- Error diagnoses with error repair or repair advice
- Automatic depletion and restart after certain error types occurrences
- Fast parts transportation sport and therefore high system availability
- Intuitive user interface

keeping an eye on quality