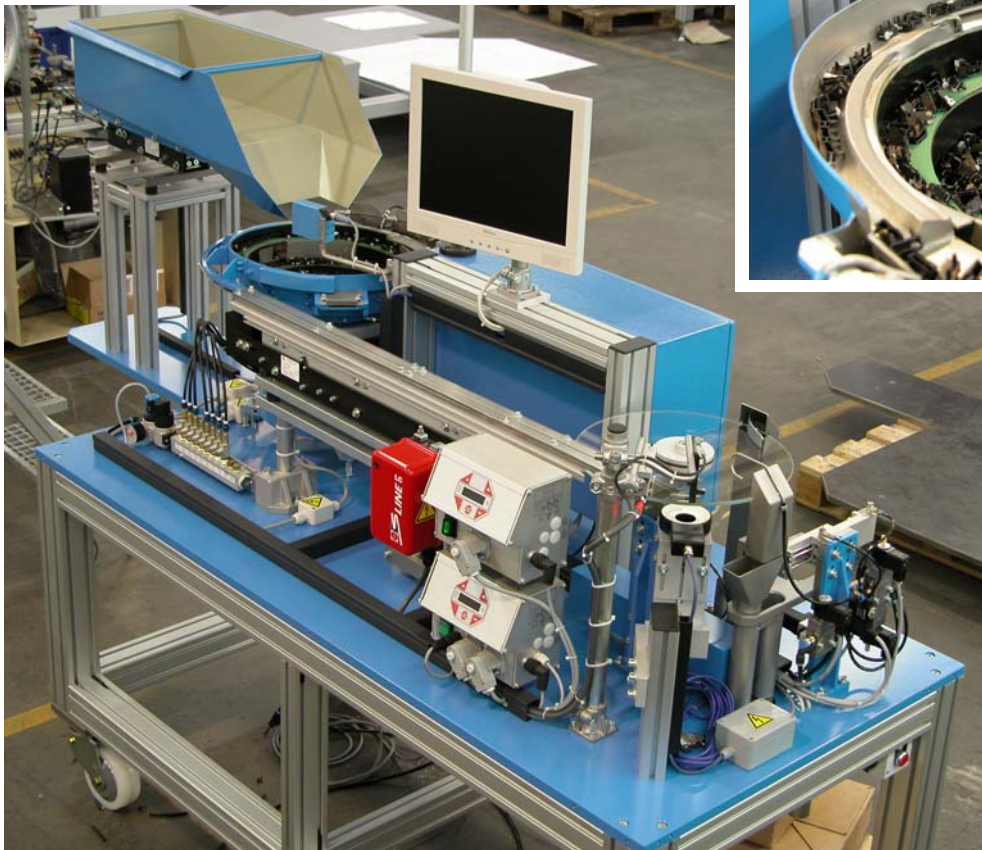




Sorting and Feeding of 8 Types of Caps F6

Feeding Systems
Reference-No 194



Operation Description:

Sector

Electronics Industry.

Workpiece

Caps F6, 8 types, basic body alike, differences in quantity and style of the protruding pins.

Performance Requirements

Quality Check:

- Control of the inlaying seal in the body: gaps larger / equal to 0.1 mm is a reject.
- Control whether bore is uniquely drilled.

Pieces are counted and passed to bags standing ready.

Operation Description

The pieces are passed into the bowl feeder via a chute in which a quantity of purely one type of component has been loaded. After the sorting they are passed over a linear track with the orientation 'standing lengthwise, the rectangular opening with the white seal downwards' to a rotating glass plate.

A camera views from underneath the plate through the glass into the opening of the cap and checks it according to the above mentioned criteria. The pieces are blown subsequently into the bags.

When 5000 +/- 5 pieces is reached then a bag-change takes place.

The pieces which are not usable are discarded at a separate station into a container.

Feeding rate

100 pieces per minute.

Control

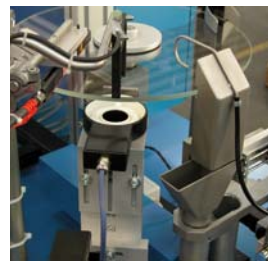
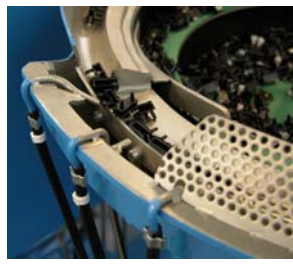
Control box ESK 2001, ESG 90 as well as control via PLC, manufacturer Siemens.

Elements of the Feeding system

Receptacle chute, bowl feeder, linear feeder, separation station with rotating glass plate, camera, sound-proof-cover, basis frame.

Technical Contact

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