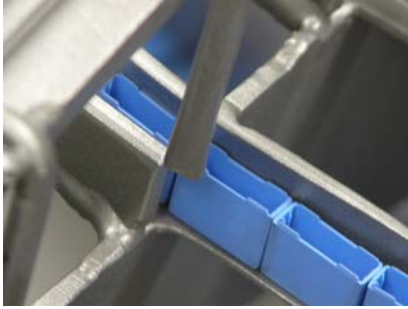




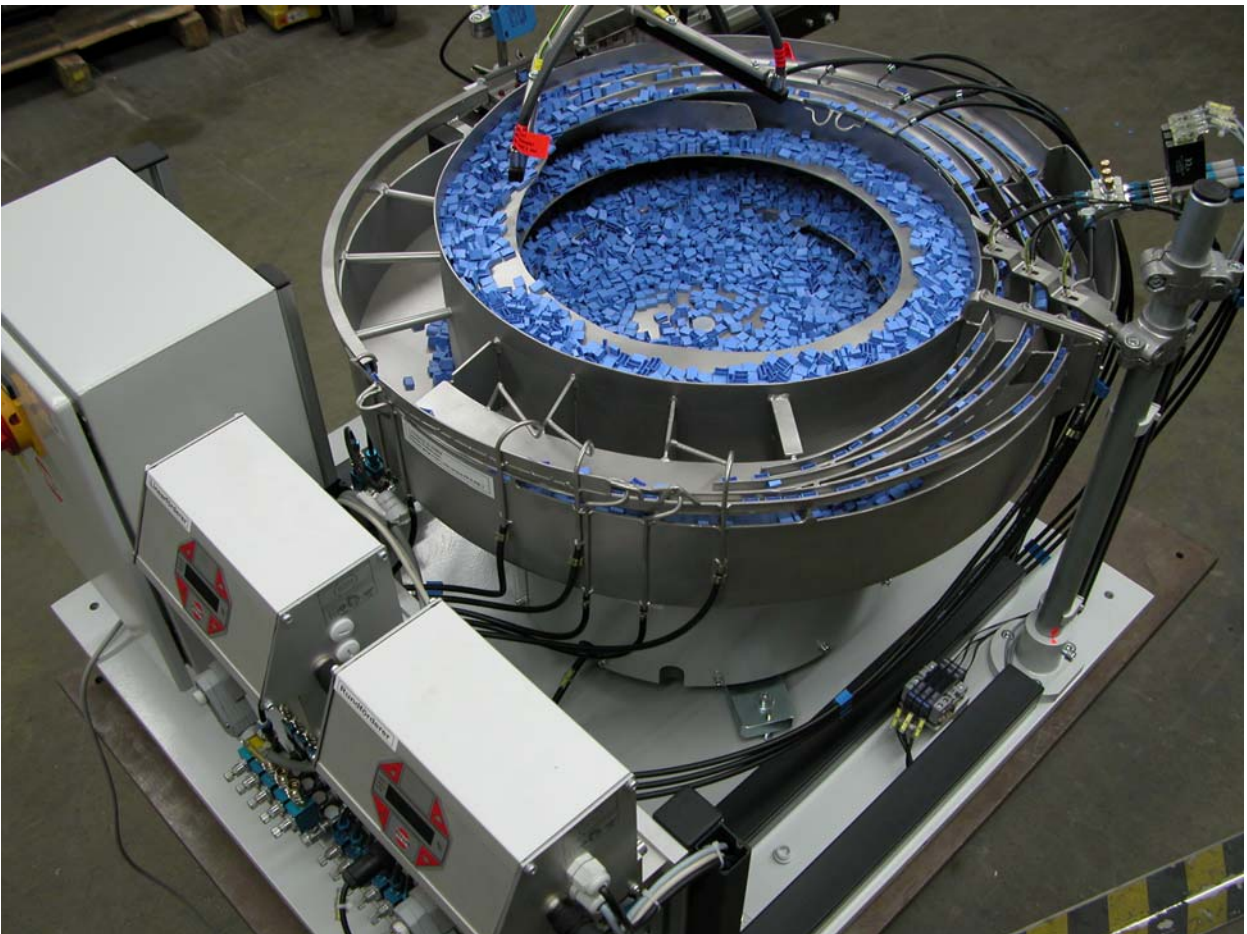
Sorting and Feeding of Capacitor Casings made of Plastic



Capacitor Casings made of Plastic

Feeding Systems

Reference-No.193



Operation Description:

Sector

Electronics Industry.

Workpiece

Capacitor casing made of plastic.

Performance Requirements

A positionally correct feed.

Discharging Position

Standing lengthwise, opening upwards.

Operation Description

The workpieces are pre-sorted in the bowl feeder on three tracks. To detect the orientation of the opening, proximity switches are employed. The three individual tracks run together into one track on the linear track. The post-inspection of the orientation is carried out with a further sensor. All incorrectly lying pieces are blown out, back into the bowl.

The workpieces are accumulated on the linear track and at the end they are passed freely running to the subsequent machine.

Feeding rate

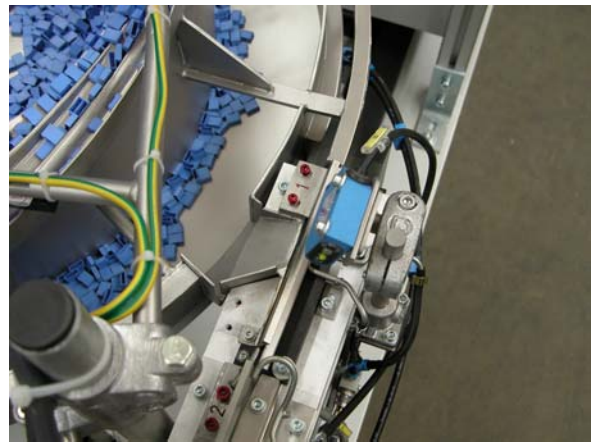
300 parts per minute.

Control

Control unit for the evaluation of the orientation recognition through the proximity switches.

Elements of the Feeding system

Bowl feeder, linear feeder mounted on a basis frame with base plate, control unit.



Orientation-Recognition with Proximity Switches. Post-sorting.

Technical Contact Roddy Kearey



RNA Automation Ltd

Hayward Industrial Park, Tameside Drive, Castle Bromwich, Birmingham, B35 7AG

Tel: +44 (0) 121 749 2566 Fax: +44 (0) 121 749 6217

Email: sales@rna-uk.com

Website: www.rna-uk.com