

Disposable Pen Assembly Machines

Packaging Technology

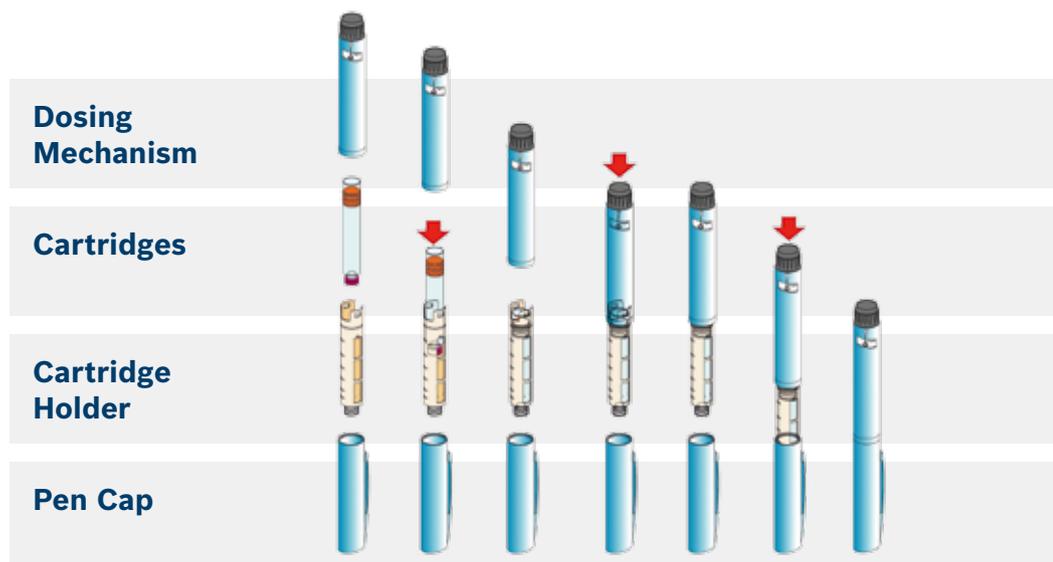


BOSCH
Invented for life

Pen assembly machines from Bosch are designed for assembly of a standard 4 piece disposable pen. The level of automation is scalable depending on the requirements and can be subsequently adapted through field modifications of the machine. The concepts are based on a rotary table for lower and medium outputs or a linear transport system for higher outputs.

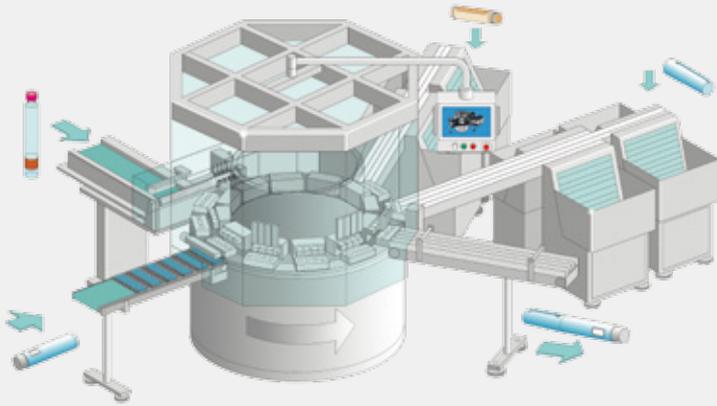
Benefits

- ▶ Great overview of all stations/processes and good accessibility to the entire machine for easy format setting
- ▶ Real-time machine monitoring via HMI
- ▶ Small footprint due to compact design
- ▶ Hygienic design for easy cleanability
- ▶ Flexible modular design for future machine retrofit to automate feeding systems or increase output
- ▶ One stop shopping: filling & closing, assembly, inspection, labeling and integrated packaging from one supplier



Disposable Pen Assembly Machines

Rotary assembly machine platform MRA



Technical Data

Machine dimensions

- ▶ Rotary platform approx. 4 x 5m

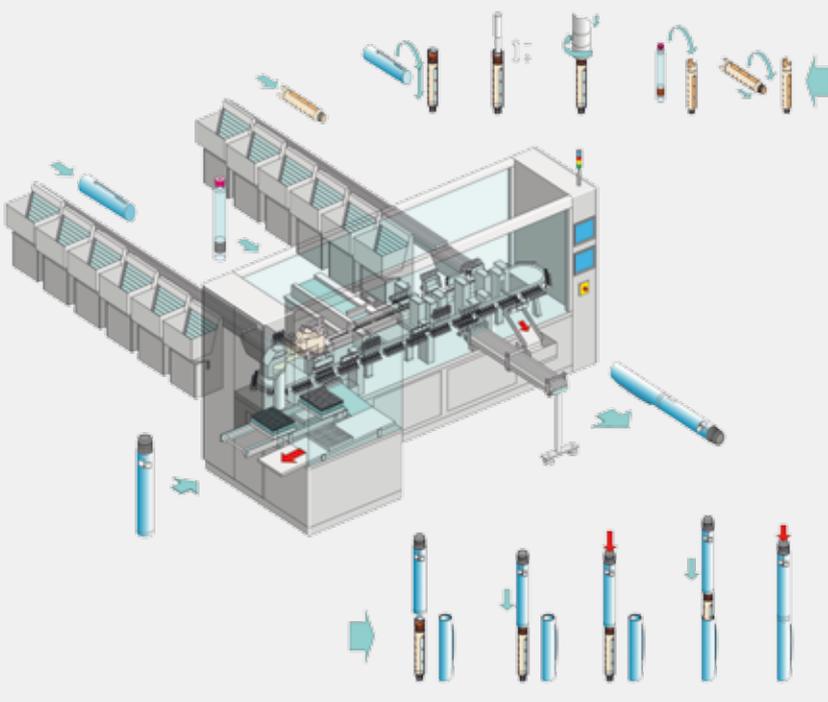
Size range

- ▶ For all available disposable pen systems

Output:

- ▶ Rotary platform 15–70 pens/min.

Linear assembly machine platform MLA



Technical Data

Machine dimensions

- ▶ Linear platform approx. 8 x 8m

Size range

- ▶ For all available disposable pen systems

Output:

- ▶ Linear platform 15–180 pens/min. depending on level of automation

Options and accessories

- ▶ Integrated batch coding (e.g. by ink jet)
- ▶ Additional monitoring systems, e.g. automatic vision inspection of components and process steps
- ▶ Automated up-/downstream handling of components and pens
- ▶ Data interface with supervisory control system (SCADA)
- ▶ Easy combination with down-stream labeling and packaging equipment
- ▶ Documentation and validation packages
- ▶ Remote maintenance and service packages
- ▶ Can be customized to assemble additional components

Contact details

Moeller & Devicon A/S

Bosch Packaging Technology
Elmevej 9
4262 Sandved
Denmark

Phone +45 55 46 24 00

Fax +45 55 45 20 21

www.boschpackaging.com/moellerdevicon
info.packaging-san@bosch.com

PA-PH | 09.13 | © All rights reserved |
Subject to technical modifications