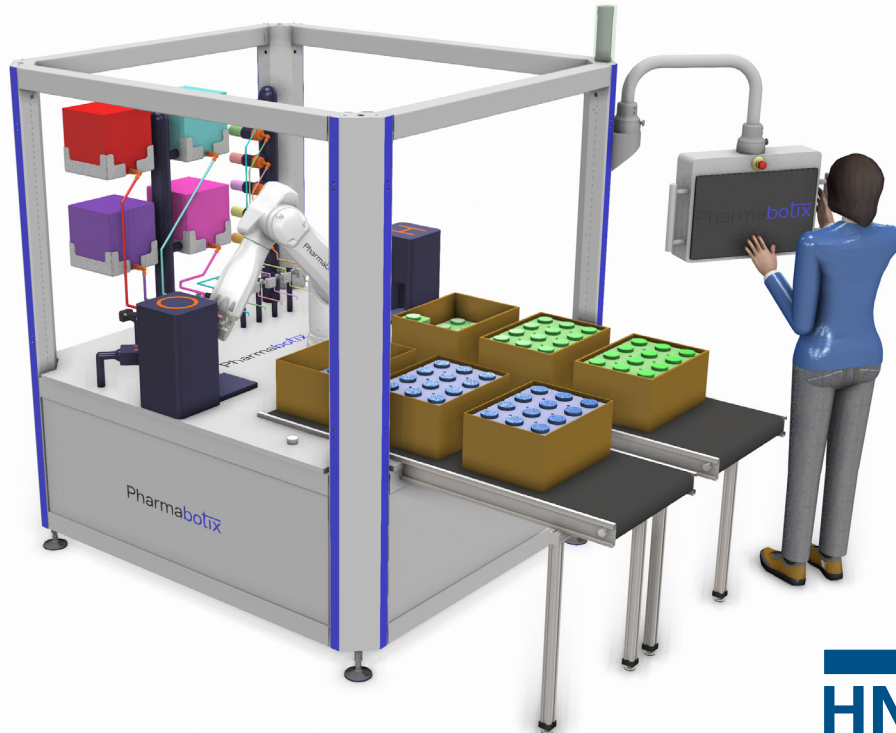


UNICO

Personalized creams and beauty products

Pharmabotix



HNPM

Pumps & dosing systems by HNP Mikrosysteme

UNICO is a modular automation solution for the production of **personalized creams and beauty products**. State-of-the-art robot and control technology paired with precise pumps as well as dosing systems from **HNP Mikrosysteme** make **UNICO** universally deployable. The basic system offers processing of ten different ingredients and can be expanded as desired.

The system can process various primary packaging and offers the following functions in addition to filling: Opening and closing of primary packaging, homogenization of ingredients, weighing and labeling / marking. Production data can be managed locally as a recipe on the machine control or queried in the customer system.



**Automatic
In-/Outfeed**



Filling & Capping



**Homogenization
and weighing**



**Intuitive HMI for
easy use**



**Compatible with various
primary packaging materials**

UNICO

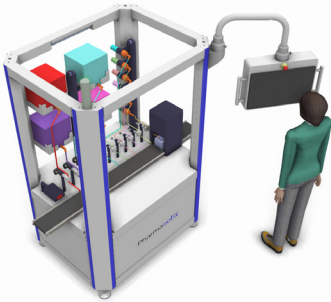
Personalized creams and beauty products

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Modules

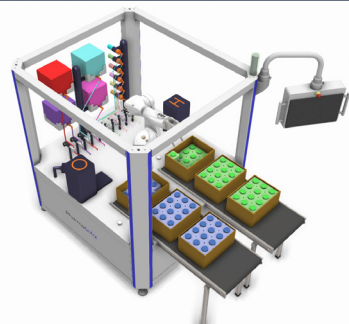
- Automated Box-Infeed
- Automated Box-Outfeed
- Up to 40 filling stations
- Intuitive HMI
- Recipe management
- De-Capper / Delidder
- Capper / Lid mounting
- Homogenization Station / Mixer
- ERP / MES interface
- Labelling / Marking system

Models



UNICO 1

- Semi automatic system
- Manual infeed and outfeed
- Manual de-capping / capping
- Optional automatic homogenization
- 10 filling stations / dosing systems



UNICO 2

- Fully automated robotic solution
- Infeed and outfeed of Boxes
- Automatic opening / closing of the container
- Automatic automatic homogenization and weighing
- 10 and more filling / dosing systems available



UNICO 3

- Fully automated robotic solution
- **Magnetic shuttles** for container transfer more flexibility and **increased throughput**
- Infeed and outfeed of Boxes or **entire pallets**
- Automatic opening / closing of the container
- Automatic automatic homogenization and weighing
- 20 and more filling / dosing systems available