

GRANITEN FLEXLINE APPLICATION: BLISTER

The modular and scalable Graniten Flexline platform, has a close-to-zero (C2Z) changeover time, allowing for an efficient and agile move towards personalized medicine, and 'batch size one'.

This Graniten Flexline example, handles the primary/secondary packaging step where blisters are formed from a sheet of material, by using technology from partner Sepha. Once formed, the blisters are filled with syringes, vials, tablets, etc., and closed by sealing a lidding foil on top. As a last step in the blistering process, the residue is cut away, and a finished blister is ready for further packaging.

Main Features

- Line includes following process steps:
 - Bottom foil cutting
 - Blister forming
 - Blister feeding with tray-based products such as syringes or auto-injectors.
 - Vial labelling and feeding
 - Manual feeding station
 - Tablet/capsule feeder
 - Top foil cutting
 - Blister sealing
 - Residue cutting and removal
- Can handle aluminium, PETG, PP, PE, and Tyvek foils
- Can handle blister sizes of up to 140 x 190 mm, with a forming depth of 35 mm.
- Blister printing from Hapa can be added as an additional module.



Technical Data

Applications:

Blisters

Capacity

10 blisters per minute

Technical changeover time:

5 - 10 min.

Flexibility

Handles a wide range of materials, and components.

Scalable and upgradeable:

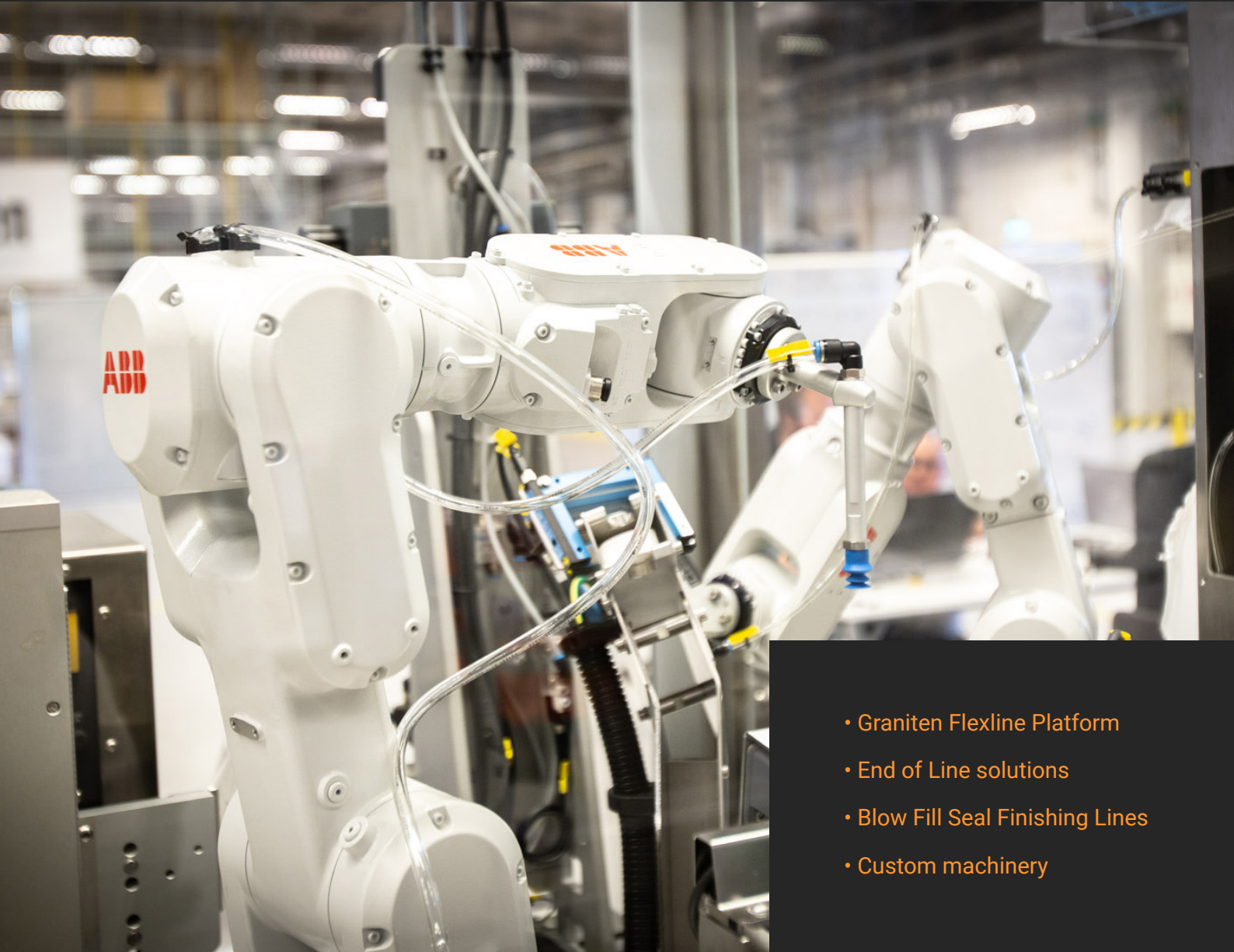
Adapt to your changing production requirements.

Footprint:

8,5 m long & 3 m wide



Graniten offer turn-key machinery innovation for the Pharma and Healthcare industry, focusing on faster and more reliable changeovers and low total cost of ownership with a small footprint to increase overall efficiency.



- Graniten Flexline Platform
- End of Line solutions
- Blow Fill Seal Finishing Lines
- Custom machinery

GRANITEN

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As one of the world's most innovative automation companies, we help our customers to use automation efficiently, to increase their productivity and to lower environmental impact in a sustainable way. Our product range for Pharma, focuses on primary and secondary packaging of small batches, and a wide variety of tertiary end of line packaging. From clinical trials to full scale production equipment, and custom innovations.

**Scalable | Upgradable | Flexibility Modularization | Vision Technology
Intelligent Solutions | Robotic Applications**

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