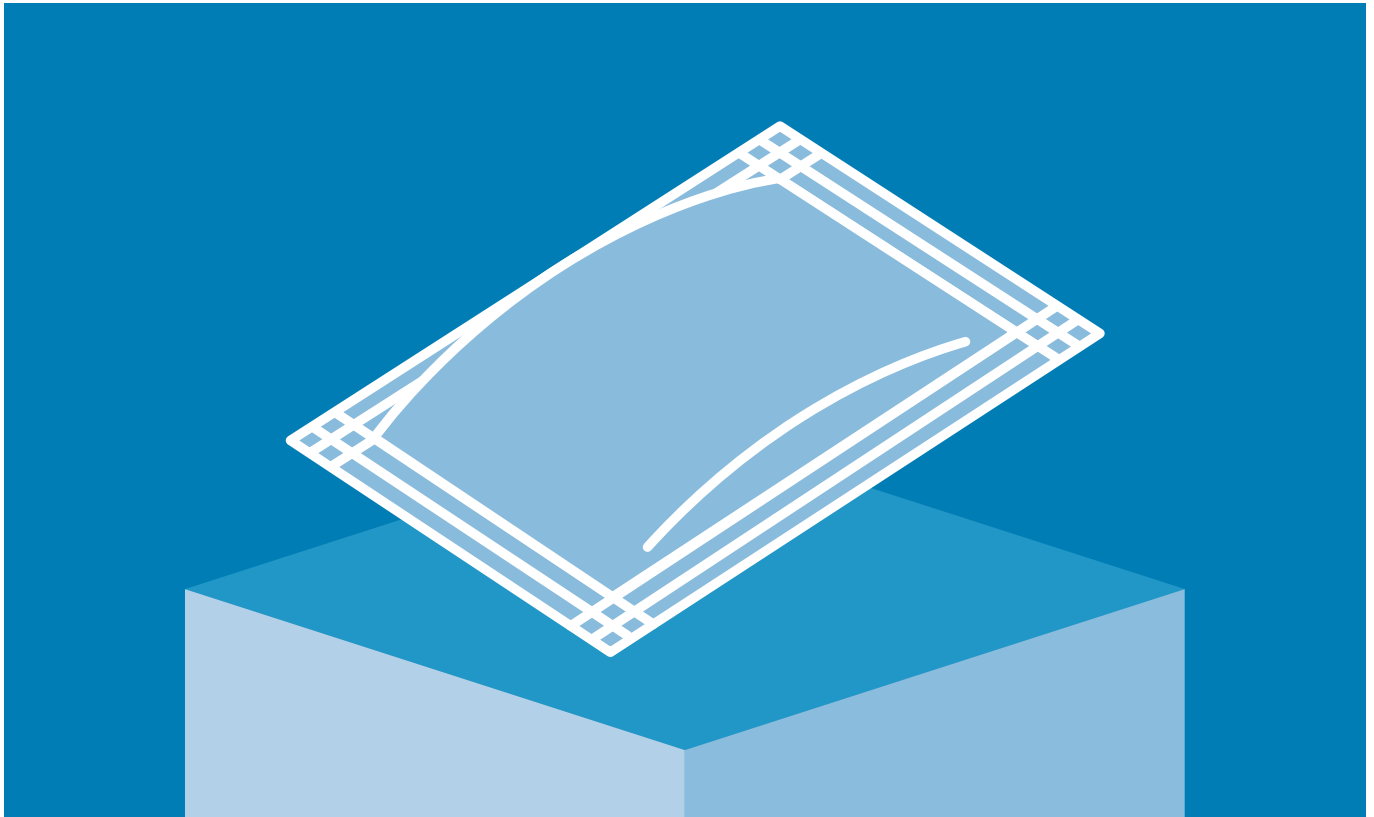


Medical strips

Sachets containing medical strips
packaged in different cartons



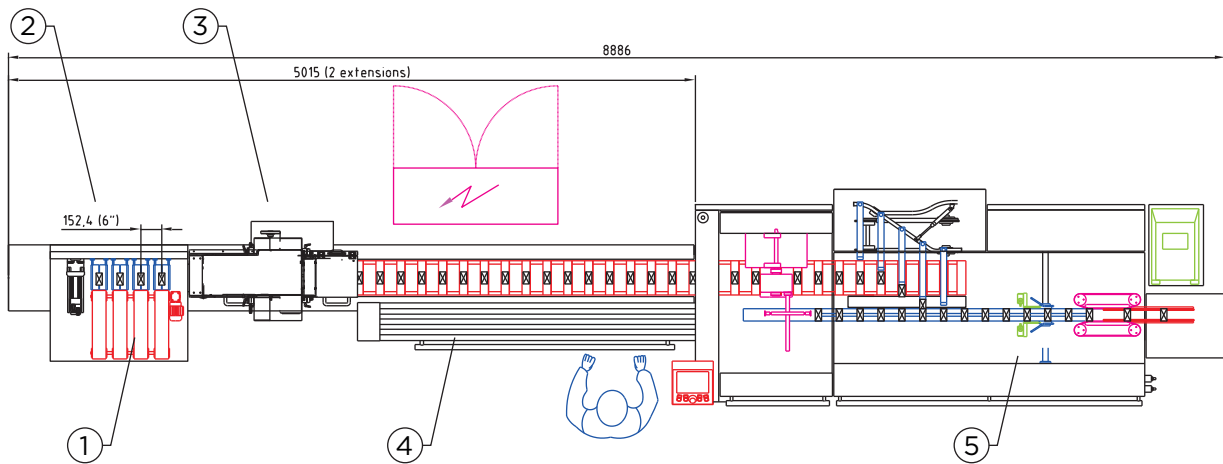
Requirements summarized

- Sachet length variation: 70 - 88 mm / 2.56 - 3.46 inch
- Sachet width variation: 45 - 50 mm / 1.77 - 1.97 inch
- Thickness less than: 1 mm / 0.04 inch
- Stick count variation: 4 - 50 sachets / carton
- 1200 sachets arriving from 4 lanes
- Up to 300 cartons / minute
- Leaflet infeed
- Verification system for compliance of content and corresponding leaflet

Challenges summarized

- Pharmaceutical application with corresponding requirements
- Very small product at high speed
- Verification and validation of product and leaflet with carton

MACHINE LAYOUT



Solution highlights

1 Collation, grouping, and infeed system

- Grouping of desired count size in servo controlled rotary bomb-bay system
- Verification check
- Leaflet infeed system
- Secondary verification check of combined product and leaflet

2 Cartoner

- 5-Head rotary feeder with pre break for optimal carton forming
- Long magazine for reduced replenishment actions
- Overhead compression unit for optimal product and leaflet insertion
- Integration and validation of leaflets with packaging and sachets
- VPN connection for efficiency and quality data

- 1 4 Lane sandwich conveyors, each supplying 300 sachets/minute
- 2 4 Servo driven star wheel bomb-bays
- 3 Leaflet feeding station
- 4 Bucket lane
- 5 Langen Group VENTO™ (6" version)

All information given in this document is dependent upon final machine specification, infeed arrangement, product type and carton specification.

AMERICAS

EUROPE, MIDDLE EAST & AFRICA
ASIA & AUSTRALIA

Canada

The Netherlands

Singapore

Thailand

Ph: +1 905 670 7200

Ph: +31 24 648 66 55

Ph: +65 62 89 37 88

Ph: +66 23 02 14 15

sales-americas@langengroup.com

sales-europe@langengroup.com

sales-asia@langengroup.com

sales-asia@langengroup.com

