

## Seamless tracking of medication

- » With the new track and trace system from oli, every packing unit receives one uniquely assigned code (serialization).
- » Every shipping case is provided with a label containing detailed information about the content of the case (aggregation).



## oli packaging machines are high-performance

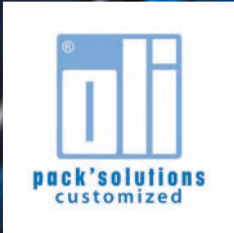
oli serves virtually all branches of industry:

- » Pharmaceutical | Cosmetics Industries
- » Food Industry
- » Non-Food Industry

Our machines can be used for bottles, folded boxes, bags, products in blister packaging, canisters and, of course, your product.

The machines require little maintenance. Processing is gentle on products offering highest process safety.

oli packaging machines can easily be integrated into existing packaging lines or can be combined to operate as a fully-automatic final packaging line.



## Track and trace systems for the pharmaceutical industry



## oli Packaging machines sorting · packaging · palletising

## oli Track & Trace for your packaging line

- » oli track & trace systems are developed in cooperation with strong partner enterprises (Laetus GmbH & Bluhm Systeme GmbH) and can be individually adapted to all customer specifications.
- » Even a combination with other, already existing systems or cooperation with other partners is possible.
- » Already existing oli packing machines can be retrofitted with Track & Trace components.



Pharma | Cosmetics

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### oli 310 - Side Loading

#### Semiautomatic packaging machinery

Pharmaceutical compliant GMP,  
compact and space-saving design

- » Suitable for all conventional types of cases or products, especially for stackable products like folding boxes, bundles, cans, bottles, etc.
- » Output: suitable for up to 5 cases/min
- » Case format range (L x W x H mm): 200-500 x 60-400 x 60-500 or according to customer preference



### olibag 210 with olimat 1 - Side Loading

#### Fully automatic bag packer

Continuous product infeed ensures  
excellent process stability

- » Suitable for all conventional types of cases or products, especially for bags, blister wraps, flat or upright products as tubes, CD covers etc.
- » Output: up to 200 cycles/min, depending on product thickness or up to 20 cases or trays/min
- » Case / Tray format range (L x W x H mm): 100-500 x 60-340 x 100-400 or according to customer preference



### oli 210 V/R - Pick & Place

#### Packaging Robot

Maximal flexibility due to  
double robot technology  
(2 axis and 4 axis technology)

- » Suitable for all conventional types of cases or products, especially for suckable products like bags, tubes, blisters, folding boxes etc.
- » Output: max. 100 single products/min or 20 insert movements/min
- » Multiple loading capability feasible to increase output
- » Format range: according to customer preference



### oli 310 with olimat 3D - Side Loading

#### Fully-automatic final packaging line

with innovative, flexible case erector.  
Fills American style cases upright  
or even horizontally.

- » Suitable for all conventional types of cases or products, especially for stackable products like folding boxes, bundles, cans, bottles, etc.
- » Pharmaceutical compliant design: ideal also for the cosmetic and food industries
- » Output: approx. 6-8 cases/min
- » Case format range (L x W x H mm): 150-400 x 120-300 x 130-390 or according to customer preference



### olimat 1A Multi - Case Erecting

#### Case and tray erector

Extensive format range,  
format is quickly changed

- » Extremely flexible: Suitable for standard cases (american style), trays, folding trays, cases and trays with crash lock bottom and special cases on demand
- » Output: up to 15 cases or trays/min with standard machine, up to 25/min with special equipment
- » Format range standard cases / trays: 200-400 x 100-350 x 100-250 mm (LxWxH) | folding trays: depending on blank design



### oli-pal A, B, C, D - Palletising robots

#### Compact palletisers

Ideal addition to  
final packaging lines

- » Suitable for American cases, trays with/without lids, buckets, bags, cans, shrink-wrapped items, etc.
- » Output: up to 12 movements/min, higher performance via multi pick-up capability
- » Case format range (L x W x H mm): 100 x 100 x 50 bis 600 x 400 x 500 - or according to customer preference



### oli 210 with olimat 1 - Side Loading

#### Fully-automatic final packaging line

Pharmaceutical compliant,  
balcony-style design.

- » Suitable for all conventional types of cases or products, especially for stackable products like folding boxes, bundles, cans, bottles, etc.
- » Output: up to 20 American cases or trays/min, up to 40/min with extra equipment
- » Case / Tray format range (L x W x H mm): 100 - 500 x 60-340 x 100-400 or according to customer preference



### oli 210 V - Top Loading

#### Fully-automatic Casepacker

Pharmaceutical compliant GMP,  
compact and space-efficient design

- » Suitable for all conventional types of cases or products, especially for cans, bottles, folding boxes etc.
- » Output: max. of 15 loading cycles/min
- » Multiple loading capability feasible to increase output
- » Format range: according to customer preference



### oli-pal DLS - Palletising robot

#### Compact palletiser

Loading of magazines and  
full pallet pick discharge  
from front side

- » Suitable for American cases, trays with/without lids, buckets, bags, cans, shrink-wrapped items, etc.
- » Output: up to 12 movements/min, higher performance via multi pick-up capability
- » Case format range (L x W x H mm): 100 x 100 x 50 - 600 x 400 x 500 - or according to customer preference