



# CASE PACKER-PALLETIZER TS230

Reduce changeover time with quick and easy line clearance and format changes, saving time and increasing efficiency.

With great flexibility the Graniten case packer-palletizer TS230 packs your products in tape sealed shipping boxes and palletizes the boxes, all on a small footprint.

In spite of the small footprint the machine offers an open solution with few moving parts.

Shipping box labelling and label control is standard. Reject and IPC functions are also standard. The machine features our unique short conversion time between different batches, close-to-zero (C2Z) changeover time.

## Main Features

- Compact and open
- Very flexible regarding incoming products and packaging patterns
- Simple and quick format change (<5 min)
- Ergonomic and safe cardboard magazine
- Automatic verification of settings and formats
- Reject, IPC (In Production Control)
- Prepared for case aggregation system
- Application of extra shipper box label and/or wraparound label
- Labelling and label control

## Options

- Integration of aggregation system

## Technical Data

### Flexibility:

Shipper case - tape sealed (LxWxH):  
 min 250x140x90 mm,  
 max 500x400x350 mm

One pallet station (LxW):  
 1200x800 mm and 1200x1000 mm

### Footprint:

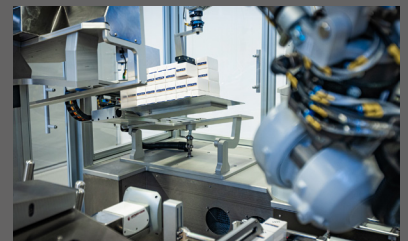
Length: 4.1 m  
 Width 3.0 m  
 Height 2.5 m

### Technical changeover time:

<5 min

### Media requirements:

Electrical and pneumatic supply



*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 their 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 | Robotic Applications**

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