

Technical features



Specifications	SLCP-XGEO	TLCP-XDOM
Packing type	Side load	Top load
Case type	RSC / HSC	RSC / HSC
Speed (3 levels)	Level 1 : 4 cases/min Level 2 : 7 cases/min Level 3 : 10 cases/min	Level 1 : 10 cases/min Level 2 : 15 cases/min Level 3 : 20 cases/min
Electrical supply	230V, 60Hz 3PH	230V, 60Hz 3PH
Air requirement	6 bar (87 psi)	6 bar (87 psi)
Min. case dimensions (L x W x H)	300 x 200 x 200 mm 11.8 x 7.9 x 7.9 in	150 x 150 x 150 mm 5.9 x 5.9 x 5.9 in
Max. case dimensions (L x W x H)	600 x 400 x 400 mm 23.6 x 15.7 x 15.7 in	600 x 400 x 400 mm 23.6 x 15.7 x 15.7 in
Weight	900 kg (1,984 lbs)	900 kg (1,984 lbs)
Closure system	Tape (optional hot melt)	Tape (optional hot melt)



Versatile automatic
case packers



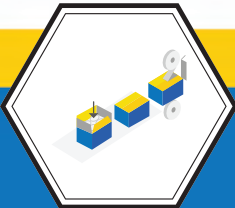
Model : TLCP-XDOM



Model : SLCP-XGEO



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case packers

Efficient packing single packs or multipacks

Side-fill horizontal case packers or top-fill vertical case packers are automatic solutions designed to work with RSC or HSC pre-glued American-type cases. At Saturn Packaging, we offer efficient and innovative solutions for packing single products or multipacks into one case through our **CP Series** case packing machines. Our case packers automatically **open, load, and close the cases**.

General attributes

- ▶ Automatic case opening, loading and closing
- ▶ Design for RSC/HSC American-type cases
- ▶ Handles single packs or multipacks
- ▶ Motorized and automatic format adjustments
- ▶ Operator-friendly case magazine with large storage capacity
- ▶ Compact design with maximum accessibility
- ▶ Industrial-built quality and ISO-certified components
- ▶ Remote support connectivity available

Adjustments are **motorized and automatic**, making format changes fast and simple. The machine opens the case, groups the products according to the desired configuration, and places them precisely inside the box. Case flaps are sealed using **tape** (optional: hot melt depending on configuration).

The machines use a precise **pick-and-place system** to open and load various case formats. The cardboard flaps are sealed with tape at the top and bottom, ensuring a reliable closure.

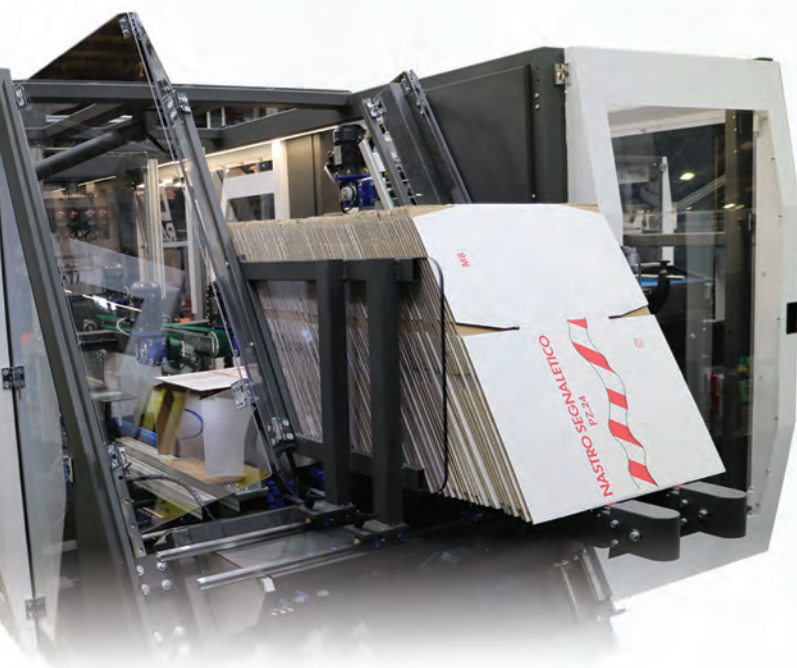
The filling process is fully automatic:

- In the **vertical insertion system (TLCP-XDOM – Top Load Case Packing)**, the pick & place system picks the products and deposits them precisely inside the case.
- In the **horizontal insertion system (SLCP-XGEO – Side Load Case Packing)**, products are grouped using stackers and inserted into the case using an automatic pusher.

The loading system varies depending on the product being packed, but both systems feature a large, operator-accessible case storage area. They are designed to be robust and compact to maximize operational efficiency while minimizing production floor space.

All Saturn Packaging **CP Series** machines can be equipped with modern remote connectivity systems, allowing our technicians to provide quick assistance and support when needed.

Besides being at the forefront of automation and connectivity, all Saturn Packaging case packing machines are built using high-quality, **ISO-certified components**.



Model SLCP-XGEO side view

Visit our website at www.saturnpackaging.com for detailed information about CP Series



Outfeed side belts



Carton storage unit



Pick-and-place unit



Intuitive control touch screen

SLCP-XGEO

Side Load Case Packer

Key features SLCP

Best suited for stable collations and stacked products.

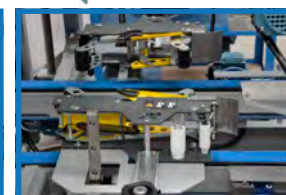
- ▶ Side-load insertion for maximum product stability
- ▶ Collation stacking unit for pre-grouping products
- ▶ Automatic pusher insertion system
- ▶ Compact footprint with full accessibility
- ▶ Ideal for products requiring controlled orientation before packing



Side tape



Side tape



Side adhesive tape unit



TLCP-XDOM

Top Load Case Packer

Key features TLCP

Best suited for flexible patterns and vertical insertion applications.

- ▶ Servo-driven pick & place top loading system
- ▶ High flexibility for collation patterns and configurations
- ▶ Handles a wide range of product shapes and layouts
- ▶ Case closure by tape (optional hot melt)
- ▶ Scalable design (single head / dual head configurations)



Top adhesive tape



Top flaps closing



Upper belts

Optional features

- ✔ Stainless steel upgrade (food environments)
- ✔ Hot melt closure system (instead of tape)
- ✔ Case compression / squaring module
- ✔ Vision inspection / product verification
- ✔ Printer / labeler / print & apply integration

- ✔ Infeed accumulation conveyors
- ✔ Multi-lane divider / product guiding systems
- ✔ Robotic infeed systems (project dependent)
- ✔ Safety light curtains / upgraded guarding
- ✔ Remote diagnostics + support package