

Servo TakeOut Servo Invert

PTO4000 - PIN4000

Servo Takeout removes mould side bottles to dead plates in one easy configuration.
Servo Invert delivers the bottle from the blank side to the mould side.

Features and Benefits

- ✓ **Compatible** with all IS machine manufacturers.
- ✓ **Servomotor control, repeatable and reliable.**
- ✓ **Smooth movements.**
- ✓ **Modular control, easy replacement.**
- ✓ **Servo Takeout**
Up to 5 different positions.
Modular control -> easy replacement.
Safe mechanics with torque regulation.
Complies with European regulations.
- ✓ **Servo Invert**
Torque control on critical positions.
Windowed position setpoints.
Modular control -> easy replacement.
Safe mechanics with torque regulation.
Complies with European regulations.

**Compatible. Versatile.
Sustainable Design.**

*Servomotor control,
repeatable and reliable.*

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Compatible

The systems are designed so that using digital signals the servo-takeout/invert starts its movement. This allows complete compatibility with any kind of IS machine.

Sustainable design

It's modular design per section allows an easy maintenance and replacement with no effects on the other sections.

Global control

Through the Global Control it's easy to configure the positions and times for the movements. A graphical interface allows an easy configuration.

Certification and safety

The torque can be limited so that the system stops when it finds any kind of obstacle.



20 sections machine.



Servo Invert, Servo Takeout and Servo Pusher Control Cabinets.

Versatile

Servo Takeout

It's capable of using up to 5 different positions during operation. It can be used with 3 positions (in, out, up), with 4 positions (in, pre-out, out, up), or 5 positions (pre-in, in, pre-out, out, up). Pre-in and pre-out positions are time-configurable and they can be enabled or disabled at any time. The new positions allow more molding time, less neck problems and better cooling of the glass.

Servo Invert

It's torque control on final position setpoints allow an stress-free positioning, letting the invert move through a position window (configurable) if it's pulled or pushed by any external element. If the invert is moved out of the configured window the system is stopped.