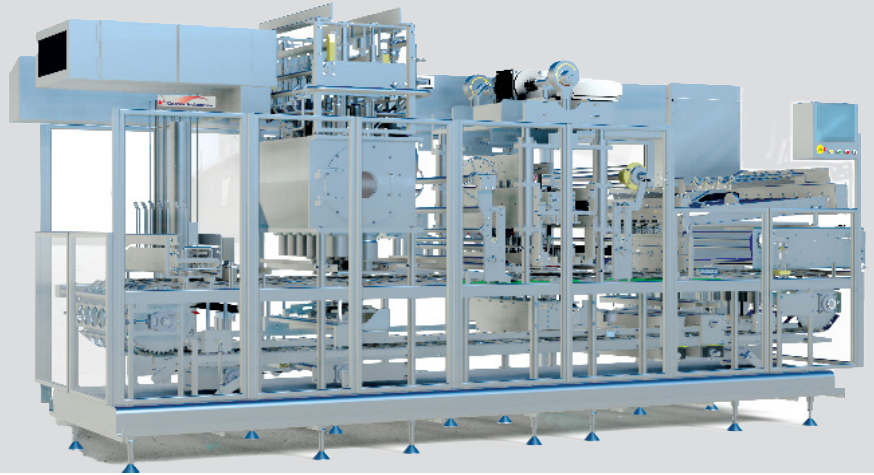


Osgood S-Series

INLINE FILLING MACHINE FOR PREFORMED CONTAINERS



Osgood Industries LLC, designs and manufactures inline and rotary machines for denesting, filling, sealing and capping of preformed plastic and paper containers.

Good To Go!

At Osgood Industries, our range of services includes engineering, manufacturing, assembly, R&D/testing lab, and after-sales service. Our filling machines meet 3-A hygienic standards in Clean and Ultra Clean versions. Typical applications include products such as yogurt, sour cream, cottage cheese, margarine, ice cream, deli salads, mashed potatoes, mac and cheese, hummus, soups, sauces and dips, coffee-pods, pet food, and more.

Smooth, accurate, and hygienic cup filling

The Osgood S-Series Servo inline cup filling machine addresses the key market requirements for dairy and food producers, such as product safety, flexibility, and ease of use. Available in the hygienic version clean, this machine fills a broad range of dairy and pumpable food products into preformed cups.

All-Servo. Precise. High output.

This servo inline filler can reach an output of up to 60,000 cups per hour. The S-Series machines utilize an ultra-hygienic base and all-servo operations to provide smooth, accurate, clean filling of liquid, viscous and other food products. The streamlined, hygienic design optimizes sanitary conditions and simplifies the cleaning process. This innovative machine features O-ring-free filling pistons which eliminates the risk of product recalls caused by O-rings falling into product during filling. Liquid food products can be filled faster with our optional advanced servo-based anti-spilling technology. The S-Series machines meet the 3-A Sanitary Standard (3-A SSI), ensuring

that the product assist, allows for quick change over and height adjustments. is hygienically handled throughout the filling and packaging process. Even at speeds of up to 1,000 containers per minute, with various product properties, the S-series enables accurate filling and minimal material waste. Osgood's tank-style pump and smooth movement allows for equal product distribution on each of the lanes with negligible variations between cups, ensuring accurate filling. As a result, food manufacturers can minimize the material waste and ensure consistent filling levels of their product. Furthermore, the machine employs a servo-driven indexing filler, adjusted depending on the viscosity of the product. The S-Series uses an array of servo motion control axes for all major machine functions. Finely tuned accel/decel profiles permit the widest indexing and fill rate possibilities to maximize throughput on the most challenging applications.

YOUR BENEFITS

- Servo indexing for smooth, precise motion
- HMI touch screen enables intuitive user guidance and easy operation
- Improved accessibility with slide-out stations
- Machine design according to the most stringent hygienic standards (e.g. USDA, FDA, 3-A)
- Foil cassette system allows easy foil reloading without machine stoppage

Osgood S-Series – Inline filling machine for preformed containers

Cup Supply			Disinfection, Filling, Sealing					Coding, Capping, End-of-Line			
1 Automatic supply	2 De-stacking	3 Cup control	4 Disinfection	5 Dosing	6 Lid placing	7 Lid control	8 Sealing	9 Sealing control	10 Lid coding	11 Capping	12 End-of-Line

Technical solutions according to your specific needs

- 1 Four different cup/container buffer systems available
- 2 Automated system for cup destacking, slide-out dispenser for quick changeover
- 3 Solid stainless steel carrier plates with no pins; Double cup and missing cup sensors included
- 4 Ultra-hygienic, solid frame design reduces food residues and simplifies cleaning process; Optional UV or Pulsed-light disinfection with HEPA Filtration
- 5 Multiple Servo driven pump styles for filling a wide range of products with quick nozzle changes
- 6 Servo driven pull-out stations for destacking and placing of pre die-cut foils or heat sealing rollstock film; Optional disinfection with UV and continuous-run option
- 7 Carrier plate design raised or counter-bore for foil or film placement
- 8 Slide-out stations for easy cleaning and heater head exchange
- 9 Optional seal-check and product sampling station
- 10 Optional lid coding by inkjet or laser
- 11 Optional snap-on, skirted, stackable, unstackable, and prefilled lid/capping station
- 12 Optional end-of-line equipment, i. e. integrated cup packer

Industries Served

Dairy, Dairy-Free products
 Macaroni & Cheese, Mashed Potatoes
 Salsa, Hummus, Soups, Dips, Sauces & Snacks
 Ready-Made Meals, Pumpable Salads
 Multi-Layer Products
 Fruit Cups
 Pet Food
 Ground Coffee Pods, Non-Carbonated Beverages
 Retorted and HPP Treated Foods
 And much more

Get in touch to learn more!

Osgood Industries, LLC
 601 Burbank Rd.
 Oldsmar, FL 34677

Phone +1 (813) 855-7337
 Mail
 Web

Technical Specifications

Output	8,000–57,600 cups/h (Depending on product being filled, dimensions and volume of the cup)
Packaging dimensions	
Cup diameter	60–180 mm
Cup height	20–150 mm
Machine versions	Single-index Double-index Sequential-index (two different cup diameters)
Hygienic executions (VDMA categorizing)	Clean (I-III)
Decontamination methods (Optional)	UV Light Pulsed-light
Packaging material cups	PE, PS, PP, PET, K3, Paper
Packaging material lids	Aluminum, PET, multi-layer material, PP, Paper
Industry & hygienic standards	USDA, FDA, 3-A, UL,cUL, CE, ISO 9001:2000

