

# KOCH

KATS™ 700

MODIFIED ATMOSPHERE PACKAGING MACHINE

KOCH AUTOMATIC TRAY SEALER

 **KATS™**



## What is MAP packaging?

Every product, even complex food products, has its own ideal atmosphere – Oxygen, Nitrogen and Carbon Dioxide. By using a carefully controlled mixture of gases, processors and packers can adjust the atmosphere within a package by using modified atmosphere packaging (MAP). This technology is used to preserve the freshness and extend the shelf-life of products and provides the best way to ensure products are safely packaged in order to reach the consumer in optimum condition.

## The Koch Automatic Tray Sealer – KATS™ 700 – is a

versatile, in-line tray sealer with modified atmosphere packaging capability. Designed to reduce packaging costs while enhancing product appearance, shelf life and package durability, the KATS™ 700 is the ideal tray sealer for small to medium sized commercial production environments.

## The KATS™ 700 will help your company:

- Increase productivity
- Improve product shelf life
- Extend distribution reach
- Reduce shrinkage
- Increase profits

Constructed of stainless steel and anodized aluminum, the KATS™ 700 is built to operate in wash down environments. Its in-line feed rails are fully adjustable and will accommodate bowls, trays, boats and family packs. The extra-wide sealing area accommodates two rows of the popular #3 or #10 size trays at speeds up to 1,000 lid only trays per hour. Trays are advanced by a stepper motor into the sealing mold, sealed and then automatically discharged onto an exit conveyor. Tooling changeover is fast and easy, requiring few tools to accomplish product changeovers in less than fifteen minutes.

The IP-65/NEMA-4 rated multi-lingual (English, Spanish and Italian) programmable logic control panel is easy to use and regulates sealing time and temperature, gas flush, vacuum degree and line speed for various products.



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## KATS™ 700

### AUTOMATIC MODIFIED ATMOSPHERE TRAY SEALER

#### Standard Features:

- Both tray lidding only and modified atmosphere packaging (MAP) capability
- Constructed of corrosion resistant stainless steel and anodized aluminum
- Small 8 ft. x 3 ft. footprint
- Handles pre-formed trays or containers made of PP, PS, CPET, APET, aluminum, paperboard & more
- Foam or rigid trays, bowls or cups in standard or custom sizes can be easily run
- Tooling custom-machined to your tray or tub specifications
- Printed film registration system
- Clean mechanical/pneumatic operation, no messy hydraulics
- Fully automatic loading conveyor
- Busch vacuum pump
- Utilizes flexible lid film or pre-cut lidding
- IP-65/NEMA-4 rated control enclosures for wash down environments

#### KOCH AUTOMATIC TRAY SEALER



*Shown with optional date coding printer*



- Multi-lingual (English, Spanish and Italian) programmable logic control panel controls features multi-program storage capability.
- Quick tooling and setup changeover

#### Optional Features:

- Automatic tray denesting unit
- Volumetric fillers
- Dosing system for liquid products
- Coding system(s) for expiration/production date
- In-line labeling – package top, bottom or both, or on lidding film
- Gas accumulator for high speed gas compensation
- High O2 valve for safety in high O2 applications

Our complete array of KATS machines for automatic tray sealing or modified atmosphere packaging covers the spectrum from simple, entry level tabletop, manually operated machines to high-speed, high volume, in-line industrial machines.

#### KATS™ 700 Specifications:

Output	Up to 1,000* lid only trays per hour (or) 500* M.A.P. trays
Maximum tray dimensions	380mm x 270mm x 100mm (14.9 in. x 10.6 in. x 3.9 in.)
Machine dimensions	2500mm x 850mm x 1400mm (8.2 ft. long x 2.8 ft. wide x 4.6 ft. high)
Approx. machine weight	772-lbs. (350kg)
Electrical	240 volt, 60 Hertz, 3-phase

\*Based on #3 and #10 size trays.

**Call one of our Koch Equipment packaging specialists today, so we can custom tailor the most cost efficient solution to achieve your production goals.**

**KOCH**  
EQUIPMENT

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