

Customer: **Lawrence Equipment**

Application: **Flat Bread Press**

Product Used: **PositionServo Drive**

PositionServo Key Ingredient in Successful Recipe

Lawrence Equipment headquartered outside of Los Angeles CA, designs and manufactures state-of-the-art flat bread and fried snack equipment used in single small scale and multi-national large scale operations throughout the United States and Europe. The company's tagline – "The edge on automation" summarizes their commitment to advanced technology and superb customer service.

As part of their continuous improvement program, Lawrence Equipment searched for the most efficient automation solution for their Mega Series Press. With a capacity of up to 3,000 dozen, 6" diameter tortillas, chapati, roti or wraps per hour, the Mega Series press is designed for large wholesale and supermarket production.

In the demanding and competitive market of food processing equipment, machine yield, quality and uptime are non-negotiable. Customers from across the globe rely on the performance of Lawrence Equipment's high-end presses. When designing the Mega Series, the Lawrence engineering team focused on specifying components that provide value, improve ease-of-use and ensure dependability. They especially appreciated the **PositionServo's** outstanding programmability and flexibility as well as the expert support provided globally by **Lenze - AC Tech**.

With the **PositionServo**, servo-actuated indexing is now a standard feature of the Mega Series press; it accurately arranges the array of dough balls on a Teflon mesh conveyor belt with the exact speed, acceleration and distance so they are fed continuously and evenly into the oven. The servo drive monitors feedback signals from the motor and continually adjusts for deviation from expected behavior. Also, PositionServo drive parameters are stored in the drive's EPM (Electronic Programmable Module), allowing Lawrence Equipment engineers to create programs once and then simply copy them in seconds, saving time and avoiding errors.



According to Lawrence Equipment, since the inclusion of the **PositionServo** in the Mega Series Press it has contributed to a significant increase in throughput. Lawrence Equipment is currently considering incorporating the **940 PositionServo** across all its machine platforms.

PositionServo Benefits

- Superior Performance
- Quick, Intuitive Programming
- Removable Memory (EPM)
- Seamless Integration Into System
- Global Support
- Multiple Communication Options
- Outstanding Value
- Product Availability

PositionServo

