

LEGACY

ULTRASONIC INTEGRATION SEALING SYSTEM

Convert your existing vertical form fill seal (VFFS) machine with ultrasonic sealing technology, economically and accurately.

LAKO's patented **LEGACY Ultrasonic Integration Sealing System** is the ideal solution for retrofitting existing baggers with ultrasonic sealing technology.

- **UNIVERSAL DESIGN** fits most baggers
- **VERSATILE USE** with ultrasonic or heat technology
- **PRECISE and CONSISTENT** seal face alignment
- **JAW MOVEMENT AND SEAL FORCES CONTROL** provided by independent drive mechanism
- **COMPLETE CONTROL** of all ultrasonic seal parameters
- **PROCESS CONTROL** ensures consistent seals
- **EASY OPERATION** processing setup

LEGACY provides accurate positioning, seal time, and consistent seal force to support the ultrasonic sealing process.

- Increases package quality
- Reduce control adjustments

HMI COLOR INTERFACE

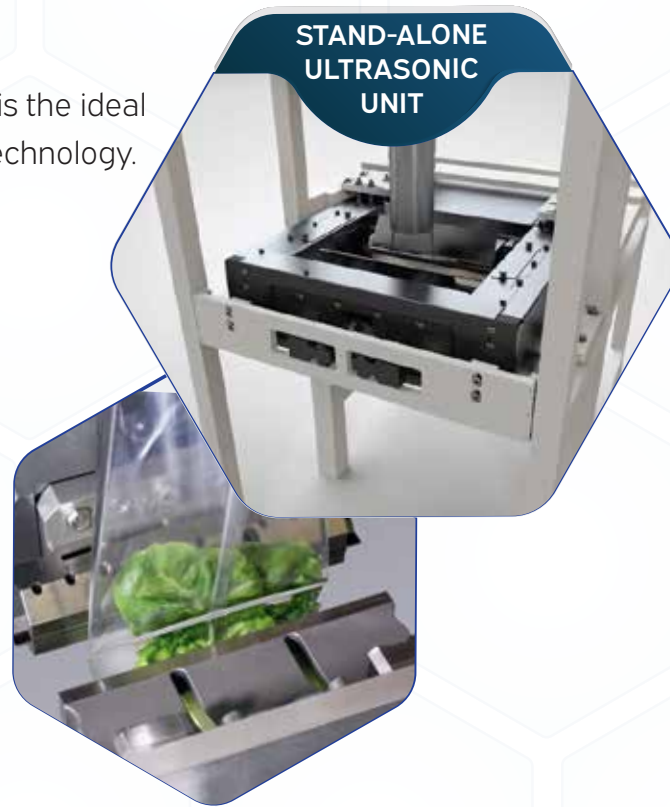
The HMI control is standard with each unit, offering the end-user complete control over the ultrasonic sealing process. The multiple screen levels provides access to setup adjustment through seal processing, create/save various packaging recipes.

PRODUCTION BENEFITS in using the LEGACY retrofit method over traditional bagger conversion methods.

- Cost-effective conversions for multiple machines from various manufacturers
- Flexibility to run different package sizes and various films
- Synchronized with the bagger, independent motion control
- Equipped with optional heat seal
- Monitor packaging quality
- Remote access available through the control server or cloud



STAND-ALONE ULTRASONIC UNIT



RETURN ON INVESTMENT

- Increased package production output
- Energy savings
- Film/material savings
- Longer product self-life
- Less maintenance
- Minimal adjustments



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PACKAGING LINE INTEGRATION

- Fully adaptable to any semi-or fully-automatic packaging line
- Specially engineered seal quality monitoring system can be integrated into existing reject systems for food safety
- Hole punching available
- Match integration BPM, depending on application
 - Max 300 BPM
- Pneumatically controlled air volume
- Standard industrial power and compressed air
- Incorporated HMI includes intuitive touchscreen interface with password-controlled access to job storage, on-board diagnostics, help system, and performance monitoring
- Operator-friendly HMI provides multiple language access to job recall for fast changeovers



VARIOUS APPLICATIONS

PACKAGE SPECIFICATION

- Consistent, high-quality seals enable airtight sealing for reduced product loss and assured shelf-life
- Tested for seal quality on a wide variety of films and mil thicknesses
- Able to seal through most wet and dry product ingredients / seal contaminants
- Smaller trim seal requirements at top and bottom of package reduced material consumptions (minimum of 6 mm / 0.25 in)
- Variety of film types
 - Nylon, polyester, PVC, paper, and more

SAFETY FEATURES

- Inherent safety features include machine guards, tower lights and emergency stop button with safety module that disables the system should any safety feature be unavailable upon start-up or during operation.
 - Optional safety features include light curtains
- Fully supported installation, training provided by LAKO's engineering team



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