



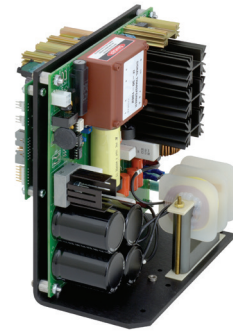
SONICS[®]
SONICS & MATERIALS, INC.

OEM ULTRASONIC COMPONENTS

- Economical and space-saving ultrasonic solutions
- Kit generators for NEMA enclosures and PLC interface
- Maximum design flexibility
- Maximum mechanical rigidity
- Maximum process consistency
- Maximum process speed
- Maintenance and integration friendly

ultrasonic OEM kits and components for packaging applications

with seamless integration into packaging machinery



Generator Kits for 15, 20, 30, 35 & 40 kHz frequencies for low and high power applications.

CUSTOM TOOLING & ANVILS:

- Designed with computer-modeled Finite Element Analysis (FEA)
- Rigid and compliant tooling options available
- Precision ground horn and anvil face patterns
- Custom tooling mounts to fit a variety of packaging machinery
- Patent-pending tooling face patterns for unprecedented seal strength and hermeticity

Self-contained Pneumatic Actuators



Converter, Booster and Horn Stacks



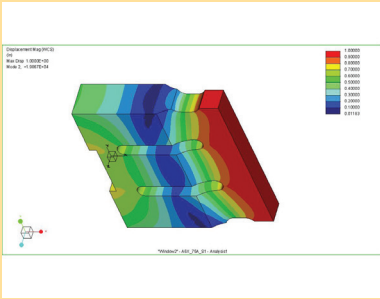
Leaders in the field of ultrasonic sealing and cutting systems since 1969, Sonics & Materials now offers an array of OEM kits and stack components specifically designed for integration into packaging systems. Our OEM applications specialists can be contacted directly online or at the number below. Application feasibility studies provided at no cost.

for more information: **1-800-745-1105** www.sonics.com

Innovating
since

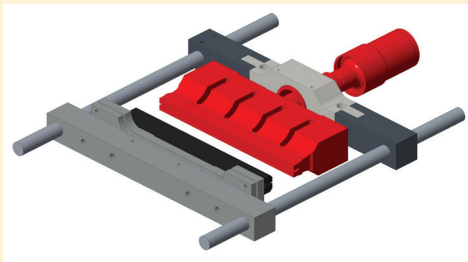
1969

packaging application capabilities



Custom tooling and anvils designed with computer modeled Finite Element Analysis (FEA)

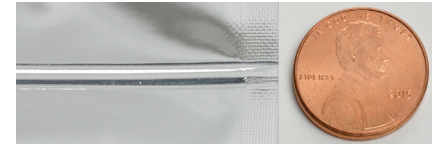
custom mounts



Available to fit various machines.

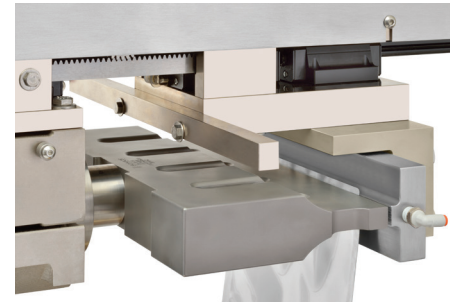
• Vertical packaging machinery

- Pillow bag cross seals
- Hermetic quad seal/gusset bag cross seals (*Patent Pending Technology)
- Hermetic standup pouch side seals (*Patent Pending Technology)
- High speed zipper crushing



• Horizontal packaging machinery

- Pouch top seals (*Patent Pending Technology)
- Carton fitment welding
- High speed zipper crushing



• Clam shell sealing



• Cup and tray sealing

• Continuous film and textile sealing and cutting

• Food cutting

