

Investment in Stress Relief - Weld Conditioning Device Ensures High Quality Parts and Faster Repair Lead Times

Meta-Lax Product Features:

- Faster in-house turn around of fabricated parts
 - Ensures quality welding of complex parts
 - Provides customer with higher quality parts
- Complete in house quality control of the entire pump

Problem: The complex design and exotic alloys of pump parts has caused in-house fabrication to become challenging. Pumps brought in for repair require parts that often have extremely long lead times or are no longer available from the manufacturer at all. Customers require their pumps to be repaired as soon as possible

making it critical to produce long lead or obsolete parts in house quickly. The customer's production depends on Kennedy Industries being able to provide a quality repair with quick turnaround.

Solution: Kennedy Industries reacted to this critical issue and purchased the Bonal Technologies Meta-Lax sub-harmonic stress relieving and weld conditioning unit. Parts and materials that were once unable to be welded are now routinely welded in Kennedy's in-house fabrication shop. This investment provides the customer with enhanced

Meta-Lax Stress Relief and Weld Conditioning Unit



Newly Fabricated Part Using the Meta-Lax



quality and eliminates long lead times.

Through sub-harmonic vibrations, produced by the Meta-Lax machine, weld distortion, porosity, and internal stresses are greatly reduced during the weld process. It also improves fatigue life, weld ductility, uniform weld grain among other key factors in fabrication. Customers will now receive reconditioned or fabricated parts with higher quality welds and receive decreased lead times.