APPLICATION SOLUTIONS: MIXERS/BLENDERS

ELIMINATE PRODUCT LOSS AND DECREASE TOTAL COST

Mixers and blenders are some of the most critical equipment in the processing industry. Unfortunately, they suffer from product leakage due to ineffective sealing solutions. This leads to increased costs due to product loss, product contamination, housekeeping and safety issues.

Effectively seal your mixer and blender applications with Inpro/Seal® AM (Air Mizer®) Solutions™. Unlike packing or other sealing methods, AM Solutions permanent shaft seals require zero maintenance or rebuilds. This unique technology uses small amounts of air, or inert gas, as a barrier around the seal to safeguard against both product loss and contamination for powders, liquids, slurries and bulk solids.

FACTS AT A GLANCE

Inpro/Seal® AM Solutions™ shaft seals installed on mixers and blenders:

• permanently seal against product loss and contamination.
• require zero maintenance and no periodic rebuilds.
• can be split for ease of installation.
• can accommodate radial run-out, axial movement and angular shaft misalignment simultaneously.
• are custom engineered for your specific application and operating environment.
• are manufactured in various materials, including bronze and stainless steel, for corrosion resistance and temperature requirements.

Count on us to decrease your total cost of operation by protecting against product loss and increased housekeeping. As the inventor of AM Solutions complete shaft sealing technology, Inpro/Seal has the knowledge and local sales network to deliver expert engineering and proven results.
MIXER/BLENDER REQUEST FOR QUOTE

Data Needed For Quote

VENTED TO ATMOSPHERE: Yes  No
AIR INTO PRODUCT: Yes  No
SEAL TYPE: Split  Solid
APPLICATION: Mixer  Blender  Agitator  Extruder
Other __________________________
CURRENT SEALING SOLUTION: Lip  Packing
Other __________________________
SHAFT POSITION: Horizontal  Vertical Up  Vertical Down
PRIMARY DIMENSIONS: Shaft _________ Flange OD _________
Max OAL _________________________
PRODUCT TO BE SEALED: __________________________
PRODUCT DENSITY/SPECIFIC GRAVITY: __________________________
RPM: __________________________
TEMPERATURE AT SEAL: °C  °F Min ________ Max ________
TEMPERATURE OF PRODUCT: __________________________
CONCENTRATION OF PRODUCT: __________________________
MISALIGNMENT: DRO ________ STBM ________
Angular ________ Axial Movement ________
BOLTS/GLAND STUDS SIZE: __________________________
BOLT MOUNT: 2  4  Other ________
CONSTRUCTION MATERIAL: Bronze  Stainless  Other ________
O-RING MATERIAL: Viton  Other ________

BRIEFLY DESCRIBE THE APPLICATION

______________________________

TOTAL PIECES OF EQUIPMENT: __________________________
CONTACT FOR QUESTIONS: __________________________

______________________________

Fax RFQ sheet to 309-787-6114 or email info@inpro-seal.com