



KWS High Temperature Injection Screw Feeder Utilizes STASSKOL Mechanical Shaft Seals

## High-Temperature STASSKOL Shaft Seals

KWS designs and manufactures bulk material handling equipment that must operate safely and reliably in extreme heat, abrasive environments, and demanding processing conditions. For many difficult applications, STASSKOL high-temperature shaft seals are selected to provide the most advanced sealing technology for hot screw conveyors and thermal processors.

Engineered with graphite sealing elements, rugged housings, self-adjusting compression, and integrated purge capability, STASSKOL seals deliver long-term, leak-free performance where other mechanical shaft seals fail.

### Features

**High-Temperature Sealing System** – Graphite sealing rings and thermally stable materials deliver reliable sealing at elevated temperatures up to 1000-degrees C without the need for lubrication.

**Automatic, Long-Life Compression Technology** – Self-adjusting, spring-loaded compression system maintains consistent sealing pressure as components wear.

**Service-Friendly Split Housing Design** – Two-piece split housing allows installation or replacement without removing the shaft.

**Purge Capability for Enhanced Protection** – Integrated purge ports allow air or gas injection to create a positive pressure barrier.

### Benefits

**Improved Equipment Protection** – High-temperature graphite sealing rings form a tight, reliable barrier that prevents hot gases, abrasive fines, and process vapors from escaping and causing damage.

**Reduced Downtime** – Split housing design dramatically reduces maintenance time. Self-adjusting compression system automatically compensates for wear for longer service intervals and fewer unplanned shutdowns.

**Reliable, Leak-Free Operation** – High-density graphite sealing rings maintain a consistent seal even under fluctuating temperatures, shaft movement, and varying loads. When paired with purge capability, the seal provides an exceptionally stable, repeatable barrier that ensures continuous, leak-free performance in demanding high-temperature applications.

**Optimized for KWS Equipment** – Each STASSKOL seal is selected and configured to integrate seamlessly with KWS high-temperature screw conveyors, thermal processors, and custom-engineered systems ensuring long-term performance.



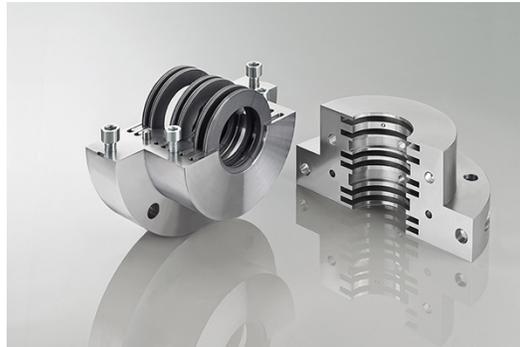
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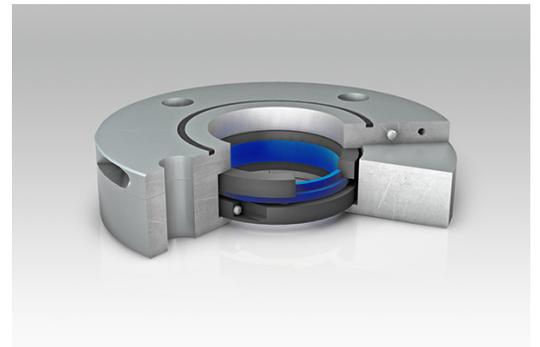
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# Features & Benefits



Split Housing Design Reduces Maintenance and Extends Service Life



High Density Graphite Sealing Rings Maintain Consistent Sealing Pressure



KWS Thermal Processor Cools Char from 1,400-Degrees F Successfully with STASSKOL Mechanical Shaft Seals



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