

A TEC Kiln Inlet Seal

EFFECTIVE AND RELIABLE SEALING FOR KILN SYSTEMS

Although the attraction of the kiln inlet seal is not at the highest level during daily business of a kiln line, it is one of the most stressed parts.

Extreme temperature ranges, aggressive atmosphere inside this part and mechanical stress arising from the thermal expansions of the kiln provide challenges which have to be solved by this system.

The A TEC kiln inlet seal design is based on a bearing ring which is rotating against a counter ring to seal the process against any leakage from the rotating movement. To compensate the axial movement a constant sealing pressure is applied by pneumatic actuators. This offers the advantage of a constant pressure at various axial kiln expansions and ensures low friction and wear of the seal.

CHARACTERISTICS:

- Contact ring seal
- Inlet cone included
- Lubrication included
- **Robust design**
- **Constant pressure / length compensation by pneumatic actuators**

