

# NOSE RING SEAL JNR



**THIS OUTLET SEAL CAN BE INSTALLED ON ANY  
ROTARY KILN EQUIPPED WITH A GRATE COOLER**

**Energy savings and production increase thanks to the  
use of graphite which prevents false air entries**

## ADVANTAGES

Adjustable to any type and size of kilns

**Long lasting efficient leak tightness** without any specific maintenance

**Prevents false air entries & ensures pressure stability** in the kiln

**Prevents release of hot gases and dust particles** from the kiln

The **suppression of dust** outside the kiln ensures a **longer life time** of the **mechanical components** (bearings, roller, etc.) located nearby

Allows an **increase of the throughput** through the kiln

Its **installation** requires only **9 days** under our supervision

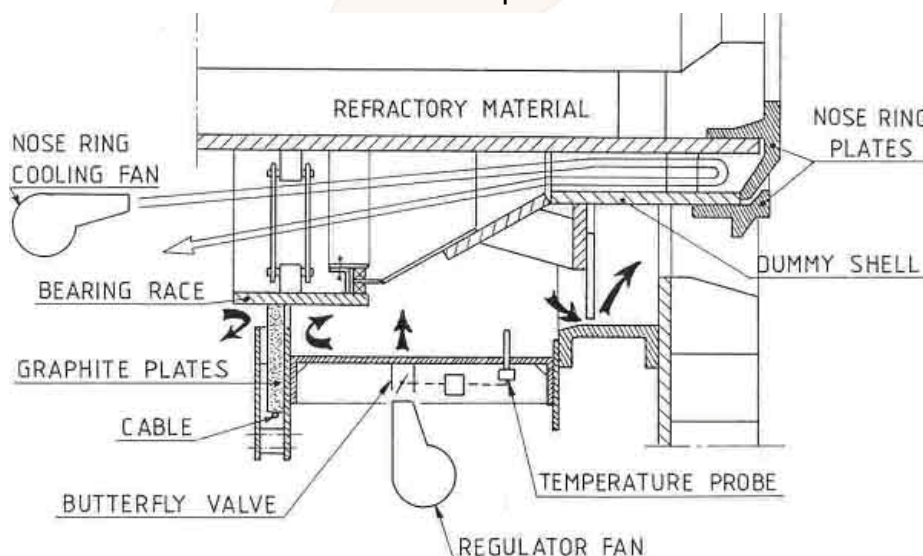
The **replacement** of a **graphite plate** does not require a kiln shutdown

## PRINCIPLE

- A specially designed circular sliding track is mounted on the kiln and adjusted to compensate for any pre-existing eccentricity
- Graphite plates are mounted on a specific support (designed case by case) which is bolted on the kiln burning hood
- Graphite plates are held in contact with the circular sliding track with the help of 2 metal cables and adjustable counterweights
  - Cooling of the graphite plates is done with blown air whenever required
- Graphite plates are overlapping each others to enhance the overall leak tightness

## PERFORMANCES

- Average life time of graphite plates : 4 to 5 years
- Fast payback, typically from 6 to 18 months depending on the condition of the seal to be replaced



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