



# Seedex

Printing Products, Technology and Services from Italy

## ROLLER BREAK DETECTION SYSTEM

— PATENTED N° 1341400

Seedex launch this innovative solution, patented for roller kilns, that we are now able to supply in exclusive to our customers.

A stainless steel cable running few millimetres above the rollers allows to:

- Detect broken rollers in real time
- Save production by preventing overlappings
- Save in overall consumption of rollers
- Easy, maintenance-less, long lasting assembly



System assures a clean signal that can be used for remote actions such as slewing and indicates with different alarms the possible loss of efficiency of the system or the irregular rotation of the bearing.

Main switchboard can be installed everywhere and assembly of system can be done while kiln is working, without stops in production.



## Seedex srl

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## PRINCIPAL BENEFITS

### — for production

- Real time detection of roller breakages
- Money saving through complete prevention of heaps of broken tiles
- Reduction in the number of rollers used annually during production
- Assembly and management without production stoppage (continually moving kiln)
- Free signal, usable for the management of remote operations such as traverse, further acoustic or light signals etc.



- Simplified roller change operations without hindrance
- Detection and warning of interrupted cable, of broken rollers and of bearing with anomalous rotation
- Cable can be handled without special equipment in every moment
- Switchboard can be installed everywhere, even far from the production area
- There are no parts of the equipment subject to wear and tear, therefore there are no maintenance costs.

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