



**RENS METAL DETECTORS** By:

**LACEY-HARMER CO.**

■ **HIGH PRECISION**

■ **INTELLIGENT**

■ **CUSTOM MADE**

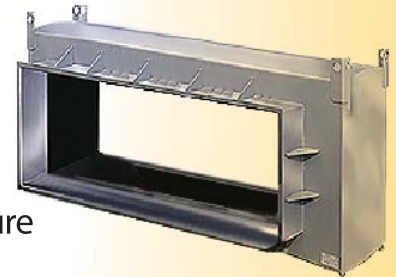
## Octagonal, Rectangular & Square Metal Detectors for The Forest Industry

■ for examining whole logs and CANTS

- **Detects magnetic and non-magnetic metals in whole logs**
- **Guarantees highest detection accuracy**
- **Prevents expensive damage at gate saws and cut-off saws**
- **Reduces down time of production line by up to 95%**



Square Aperture



Rectangular Aperture



Octagonal Aperture



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## ..... Once bitten, twice shy!

There are many ways for metal contaminants to get into whole logs. Nails driven in, shell fragments, broken hooks, or remains of chains that have grown in, are only a few examples.

Because of the damage they cause at subsequent processing machines (e.g. saw blades) and due to the production losses involved, such metal particles cause enormous costs. The RENS Digital series metal detector detects magnetic and non-magnetic metals with highest detection accuracy - even if they have grown into the trunk.

## OCTAGON Metal Detector -The best in its class

Not all metal detectors are the same. The details are what matters. High-performance features:

- ▶ **Octagonal design of the detection coil:** This design guarantees optimum metal detection in the whole passage area.
- ▶ **Stainless steel coil housing:** The system is perfectly shielded against external interference influences that might lead to spurious triggering of the metal detector.
- ▶ **Shortest metal-free zone:** Very little space is required for integration into (already existing) production line.
- ▶ **Microprocessor-controlled Control Unit:** Automatic interface suppression, permanent, self-diagnostics, and digital filters guarantee optimal function even under rough operating conditions.
- ▶ **Outstanding ease of operation:** Operation of the metal detector is self explanatory and menu-guided. With the automatic learning mode the optimum operating conditions can be set and called up again at any time.
- ▶ **Signal output for color-marking and separating units:** As an option the metal-contaminated part of the log can be exactly marked with a color-marking unit, or can be cut out by a cut-off saw that is controlled by the metal detector.
- ▶ **OPTIONAL INSIGHT data management system:** All product and production-relevant data can be visualized, logged, and printed. Remote maintenance by RENS through modern connection is also possible.

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