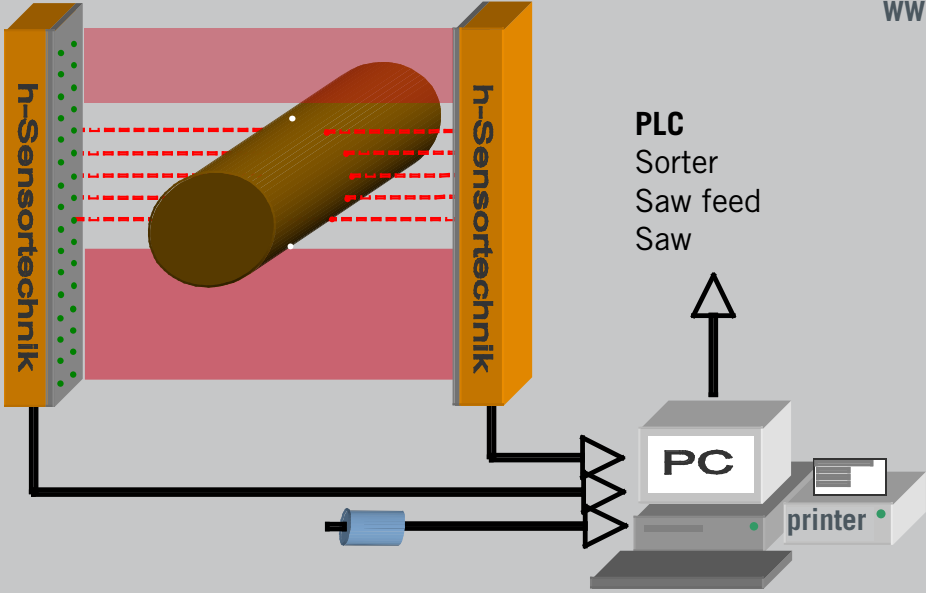# 3D-LOG SCANNING RH-1000

Application:

Log sorting plants

Automatic log turning and positioning for sawing

Scanner for optimised cutting

sensortechnik

PLC
Sorter
Saw feed
Saw

PC

printer

- RH-1000 scanners will be used in conjunction with light curtains, computers and PLCs for 3D-scanning of logs.

- Thanks to a robust and totally sealed housing, the sensors are highly accurate and reliable.

- Moreover the sensors are unaffected by external light sources and operate in ambient light.

- RH-1000 Based systems operate uninterrupted conveyor belt set-ups.

- RH-1000 sensors are laser based and have internal data processing using DSPs.

TECHNICAL DATA

- Diameter: 200 - 1200 mm
- Accuracy: 2 mm
- Scanrate: 200 scans/sec
- Interface: RS-422, all standard serial interfaces via converters
- Power: 24V/DC, 300mA (4A at heater are activated)
- Temperature range: -25 bis +50°C
- Dimensions (LxWxH): 1023 x 250 x 100 mm

- Therefore the integration of the sensors into existing systems is simple because pre-calculated data packets will be offered on standard serial interfaces.

We would be glad to assist you in the design phase of your system optimization as well as refer you to an automation specialist.

h sensortechnik