



JÖRG Elektronik GmbH

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*wood processing electronics
log optimizer · software for sawmills*

JORO-3D-lin

By means of a continuous light band, the object of measurement is scanned all around. An unbroken recording of the measurement points allows an evaluation of the object of measurement without calculation, without interpolation, i.e. your wood is evaluated and shaped according to the actual measured values.

- No interruption in the conveyor belt
- No mechanic reconstruction

Installing and measuring, scanning at the speed of light, evaluating with high performance processor and evaluating the optimum result.

The position of the object of measurement is finally no longer important. The continuous recording of the complete surface allows an optimum measurement of ovality, taper, curvature, sweep, independent of the position of the log and the measuring position.



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Advantages:

Measuring

- all-around measuring in one measuring stage
- simple calibration
- software survey of all sensors
- scalability

Certification

- EU type approval
- CE certification
- EU EMC norms

Mechanics

- no interruption of the conveyor belt
- to a great extent independent of mechanics
- unproblematic installation in existing mechanics
- simple adjustment

Environmental influences

- temperature, pressure, relative humidity are compensated
- extended temperature range without air condition
- waterproof
- dustproof
- stable against vibrations

Standard Industrial Interface

- standard protocols of known producers are available
- configurable data communication

Included Parts

- mechanical fixtures
- cables
- encoder with cable
- installation guide

Technical data:

scan range	80 mm ... 800 mm 80 mm ... 1000 mm
accuracy	< 1,0 mm
scan rate	400 scans / sec
power supply	230 V (AC) / 50 Hz
temperature range	-20 °C ... +50 °C
norms	IP65 IEC 825-1
EMC	CE

Applications:

- log yard
- sorting line
- sawmill
- board sorting line
- log turner

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Scanning at the speed of light

