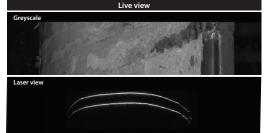


R-TRAC Rotation Tracking

• R-TRAC is a sensor that takes live degree measurements while the log is rotating

• Speed up to 600 ft/min (175 m/min) and logs of 4" to 24" (10 cm to 60 cm)







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FEATURES

- Fully autonomous system: independent of the log optimizer geometric model
- Works with all types of log turners no matter which optimizer brand is installed
- No mechanical modifications required to the log turner or infeed chain
- Very easy integration with the log turner control system allows closed loop feedback on log turners based on the rotation
- Turns the log perfectly each time without the need to correct the turning at the end
- Maintains continuous reading while the log is in the field of view
- · Significantly reduces the spread of rotation errors, hence significant gain on yield

CHARACTERISTICS

- Precision: better than 5 degrees of standard deviation using all data (no outliers removed)
- Maximum speed: 600 ft/min (175 m/min)
- Log diameters: 4" to 24" (10 cm to 60 cm)
- Industrial and robust sensors
- No computer room needed, everything can be installed near the log turner

ADVANTAGES

- Real-time system
- Advanced statistical tools to help track the performance of the turners
- Alarms to detect the divergence compared to the optimizer command
- Possibility to install an independent Rotation Verification System

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