

CANT MEASUREMENT SYSTEM FOR SAWMILLS



*Non-contact precision
laser based measurement
of cant size in process*



.....One compact and economical laser distance sensor **model LMCJ0040**



- 0.2-30 meter range means that sensor can be mounted above lumber without obstructing operations
- Class II eye safe laser for facility safety, visible red pilot
- Rugged for industrial environments; IP65 environmental rating
- Millimeter accuracy
- Small spot size permits thinner lumber to be measured



.....Three control options

Cant-001
Most economical with basic
functionality



- Red LED process display with 5 0.56" characters
- Read cant measurement continuously
- Permits sensor calibration
- Set point alarms with optional hardware
- Supplied in industrial wall mount enclosure with 24 VDC power supply, quick connect cabling, and related controls
- 110 VAC power required

Cant-002
Greater functionality with larger,
more readable display



- Industrial controller with larger 2.8"x1.2" LED display and function keys
- Read cant measurement only when requested by operator pushbutton
- Displays cant measurement for 2 axis if cant is rotated
- Stores preset number of measurements
- Permits sensor calibration and saves multiple calibration settings
- Set point alarms
- Automatic laser sensor shutter control (used with opt. shutter)
- Supplied in industrial wall mount enclosure with 24 VDC power supply, quick connect cabling, and related controls
- 110 VAC power required

Cant-003
Most functionality with large
graphical display and cant sizing
logic



- Industrial controller with large 3.8"x3.0" graphical display, function keys, and touch screen controls
- Read cant measurement only when requested by operator pushbutton
- Displays cant measurement for 2 axis if cant is rotated
- Stores preset number of measurements
- Permits sensor calibration and saves multiple calibration settings
- Accepts input from two sensor heads
- Accepts kerf input
- Predicts and displays cant usage based upon kerf and cut size inputs
- Set point alarms
- Automatic laser sensor shutter control (used with opt. shutter)
- Can be interfaced with machine controls via digital I/O
- Supplied in industrial wall mount enclosure with 24 VDC power supply, quick connect cabling, and related controls
- 110 VAC power required

.....Recommended optional equipment:

CantENV: Integrated air knife, automatic shutter, and rigid mounting plate assembly to protect sensor from dusty environments (clean and dry compressed air required, regulator not included)

For more information, contact:

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