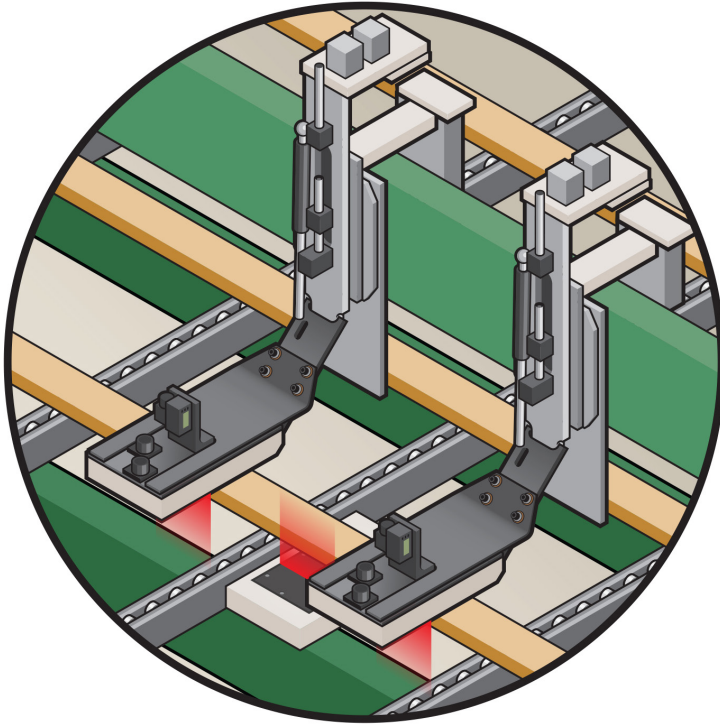


TRANSVERSE HD SAWMILL METER

MC PRO 1500 HDNC



FINNA
SENSORS



Overview

The industry-leading moisture/density system now provides High Definition (HD) readings to sort green lumber in up to four categories, defined by similar drying characteristics. With our HD update, the ability to optimize sorting is driven by up to 24 sensors, placed above and below the line, to deliver the industry's leading resolution. The system can help realize kiln productivity improvements and a reduction in the standard deviation after drying. Employing high-speed temperature sensors, the system also applies algorithms to maintain sorting through all conditions, including frozen wood.

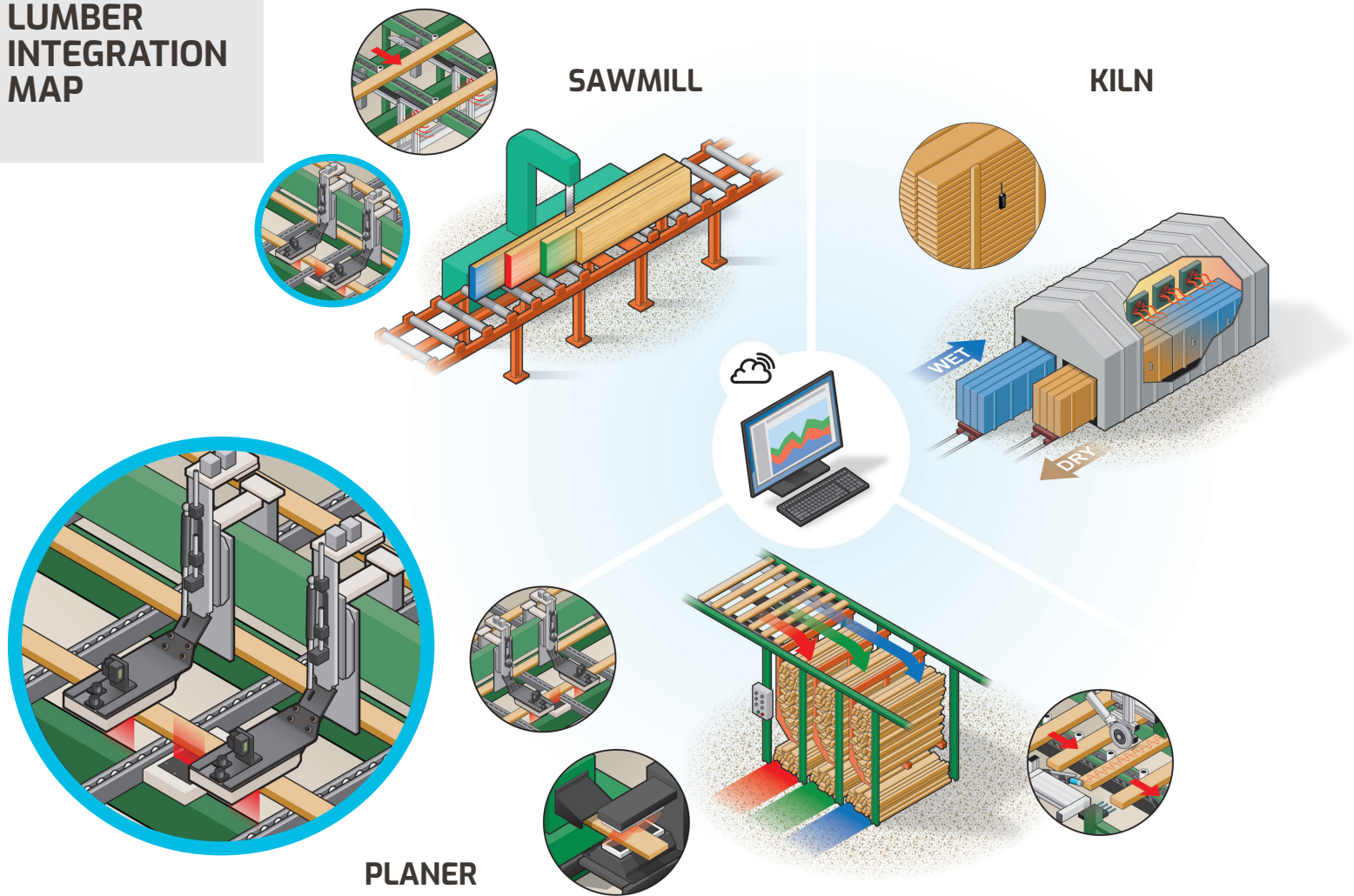
Features

- Transverse, high definition, non-contact measurement for sorting lumber in the sawmill
- Multiple readings per board at speeds up to 250 lugs/min
- High-speed temperature sensor adjusts for frozen wood temperatures
- Proprietary background suppression eliminates sensor drift

Benefits

- Industry-leading accuracy for temperature and distance compensation
- Low maintenance and high durability
- Sort stocks in up to four groups for optimized drying
- SQL database structure allows for open access to historical data
- Colored histograms allow easy visual verification of sort parameters
- Quick calibration

LUMBER INTEGRATION MAP



1500 HDNC

The updated HD sawmill system optimizes drying with up to 24 sensors, sorting green lumber into four specific groups with similar drying characteristics. This critical first step in end-to-end moisture control improves kiln performance by reducing aggregate standard deviation and total drying time when compared to unsorted loads.

SPECIFICATIONS

PHYSICAL

Sensor Width	7" (17.8 cm)
Sensor Length	12" (30.5 cm)
# of Sensors	1 – 24
Sensor Location	1" – 2" (2.5 cm – 5 cm) above & below lumber, non-contact
Orientation	Transverse, lumber must travel on lugged chain

SYSTEM

Line Speed	Max 250 lugs/min
Operating Temperature	-22°F to 104°F (-30°C to 40°C)
Temperature Sensing	Infrared
Sealing	Water-resistant
Communication	Serial - Digital I/O
Supply Power	50-60 Hz, 100-240VDC
Digital Output Voltage	5-30VDC, 90-240VAC
Dryability Index	1-99%

WARRANTY

The Transverse HD Sawmill Meter is warrantied against defects in workmanship and materials for a period of one year (12 months) from date of shipment, provided that the product remains unmodified and is operated under normal and proper conditions. See full warranty for details.



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