FINNA SENSORS

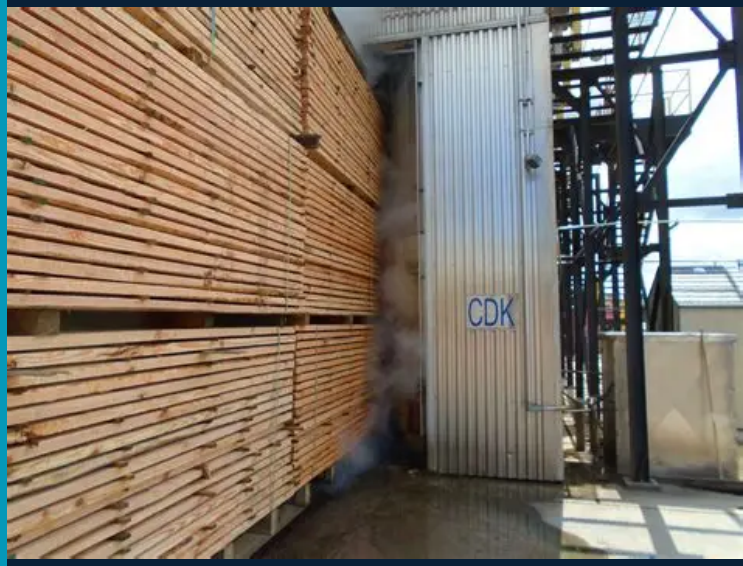
KILNSCOUT-WIRELESS | CONTINUOUS KILNS

OPTIMIZE CONTINUOUS KILN PUSH RATES.

AUTOMATIC MOISTURE-BASED PUSH-RATE CONTROL

Follow moisture and temperature through the continuous kiln and automatically adjust product-specific push rates through configured controller integration.

BUILT FOR CONTINUOUS DRY KILNS



See moisture across the continuous kiln.

REFINE THE PUSH. PROTECT THE EXIT.

FROM ZONE MOISTURE TO A BETTER PUSH-RATE DECISION

Replace time-only assumptions with direct product moisture information.

1. **MEASURE** — MC + temperature
2. **FOLLOW** — zone trend
3. **ADJUST** — automatic push rate
4. **VERIFY** — exit moisture

CONFIGURED AUTOMATION
Automatic Push Rates

Finna software integrates with the mill's PLC, supplying live moisture data for automatic push-rate adjustments.

LESS MANUAL INTERVENTION
Reduce Labor

Remote viewing and customized alerts reduce routine checks, manual push-rate changes and after-hours coverage.

APPROVED AUTOMATION
Operate Unstaffed

Keep the continuous kiln moving during approved unstaffed periods while alerts and configured controls protect exit MC.

17 FT^3	64	300 FT	-40 TO 257 F
PER SENSING POINT	SENSORS PER HUB	WIRELESS RANGE (LINE OF SIGHT)	OPERATING RANGE

REMOTE VISIBILITY

Customized email/text alerts keep operators informed of moisture, temperature and system conditions.

SCALABLE SERVICE

Up to 64 sensors per hub across one or multiple kilns within range; sensor maintenance requires no kiln downtime.

FINNA SENSORS

MEASURE THE CONTINUOUS KILN. REFINE THE PUSH.

MOISTURE-DRIVEN CONTINUOUS-KILN PERFORMANCE

720.963.6500

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FINNA SENSORS

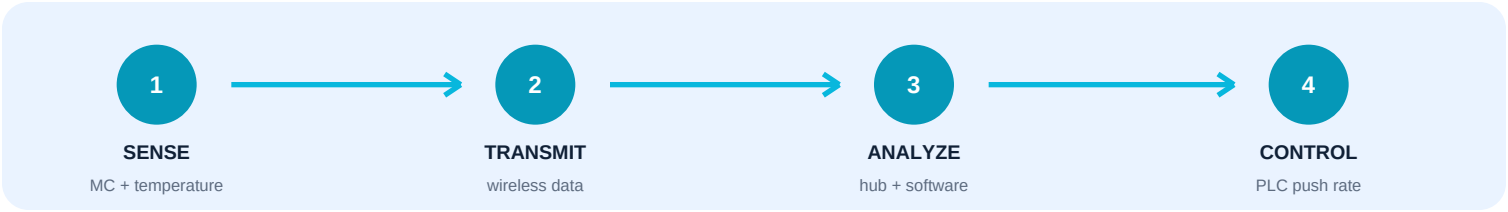
KILNSCOUT-WIRELESS | CONTINUOUS KILN

AUTOMATE CONTINUOUS-KILN PUSH RATES

Live product moisture turns continuous-kiln movement into a controlled process.

FROM IN-KILN DATA TO AUTOMATIC PUSH-RATE CONTROL

A connected workflow carries moisture information from the lumber package to the mill PLC.



MOISTURE-DRIVEN PUSH-RATE RESPONSE

TRENDING WET

SLOW THE PUSH

Protect target exit moisture.

ON TARGET

HOLD THE RATE

Maintain the product-specific rate.

DRYING AHEAD

INCREASE THE PUSH

Capture available throughput.

WIRELESS PERFORMANCE BENEFITS

Better visibility, control and lifecycle value from the same connected system.

REAL-TIME VISIBILITY

Measure moisture and temperature inside lumber packages in real time.

BETTER DECISIONS

Use live data to optimize kiln schedules and product-specific push rates.

IMPROVED CONSISTENCY

Tighter drying supports quality, throughput and fewer off-spec loads.

LOWER COST

24-36 month battery life and serviceable components reduce maintenance and total ownership cost.

ALERTS & REPORTING

Email/text alerts, dashboards, trends and reports support remote monitoring.

BUILT TO INTEGRATE

Send moisture data to existing kiln controls and PLCs for automatic adjustment.

FINNA SENSORS

BUILD THE PUSH RATE ON MOISTURE.

BALANCE EXIT QUALITY WITH CONTINUOUS-KILN THROUGHPUT

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