

# ProX-Ray®

KNOW YOUR LOGS FROM INSIDE OUT



**FINNOS**  
FORERUNNER IN SAWMILL DIGITALIZATION

Powered and designed by Finnos

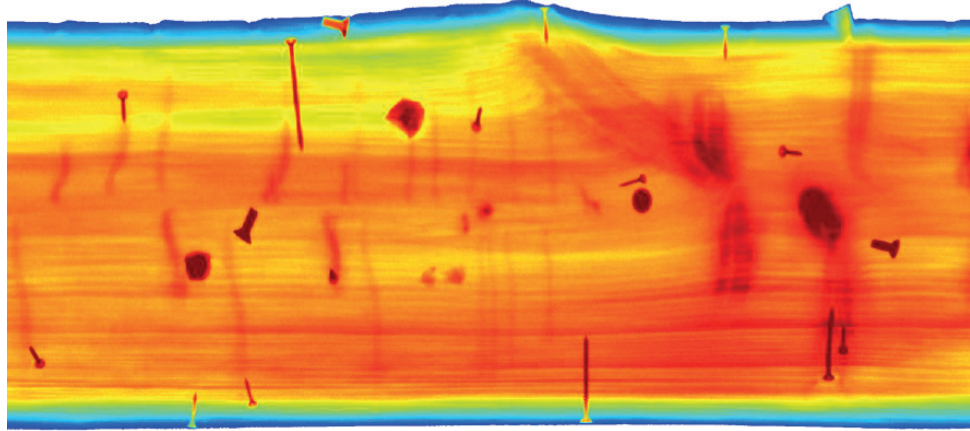
  
**PROLOGIC+**  
SCANNING ■ OPTIMIZATION

Optimized by Prologic+

## PROLOGIC+ X-Ray Log Scanner

For the past twenty years, in the field of forest products processing, log scanners have evolved considerably in terms of sensors and software. On the other hand, one thing that has remained unchanged over time is the reading of the sensors done on the outer portion of the log only. In order to change this trend and respond to an increasing demand from our customers, Prologic+ has decided to join forces with those of Finnos to provide a complete solution with a brand-new product, the ProX-Ray® scanner.

This new collaboration between Prologic+, which has more than 25 years of experience in optimizing sawing solutions, and Finnos, which offers the best X-Ray technology in the industry, will provide an innovative and complete solution where a conventional TrueShape scanner is no longer enough.



### The ProX-Ray® advantages are :

- Getting rid of rot at the bucking stage
- Deciding on the quality of the logs according to the internal and external defects
- Identifying species according to the density of the logs
- Sorting logs according to MSR grades
- Characterizing the thickness and volume of the bark
- Optimizing by orientating and choosing optimal sawing patterns considering the internal and external defects

**Certainly, whatever the needs, the ProX-Ray® will meet the highest expectations of the industry.**

# ProX-Ray® Scanner Characteristics

- Stiff Container Structure
- Thermal Insulated
- X-Ray Protected
- Temperature Stabilized
- Weatherproof
- 1D and 2D (3D or 4D if needed)

- Maximum diameter: 23.6" (600mm)
- Maximum speed: 650'/min. (200m/min.)
- SPF species



FINNOS Measurement Safety XRay Laser Line System Conv. perm. 8.10.19 15:40:01 operator

Coming batches

Show ongoing batches

Finnos batch number	Batch number	Log nr	Info	Status	Actions		
2700	12345678	12345678		PLANNED	+	+	@

Add batch

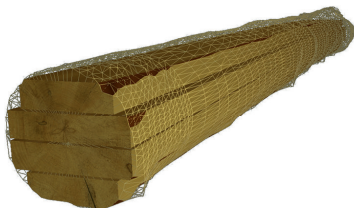
Current batch

Finnos batch number	Batch number	Log nr	Info	Start	Status	Actions
2696	12345678	12345678	Info about batch	2018-08-24 13:16	STARTED	Redo

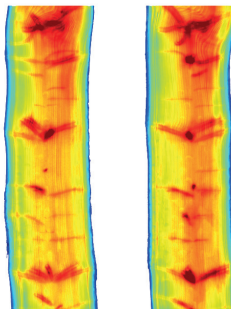
Finished batches

Visualization

Length	Sweep	Crook	Diam class	Under bark	Bin	Diam class	Stock class
4174	4.3	8.3	160	167.3	33	160	FK



Management



Management

0 Notification center

## Laser Measuring

3 to 4 laser camera sensors

Occlusion free scanning, continuous and complete readings of an entire log without losing important data from obstructions like protruding knots, cracks and v-flights.

Quick sensor calibration and dead zone masking to ignore reflections from the field of view.