JS-50 WX
PRELIMINARY

JoeScan

LINEAL + TRANSVERSE
3D LASER SCANNER

JoeScan
MADE FOR SAWMILLS

CAMERA-A

CAMERA-B

PULSED LASER

DUAL CAMERA

SIMPLE. RELIABLE.
COST-EFFECTIVE.

PoE

CAMERA-B

POWER · LINK · SCAN SYNC

SINGLE CABLE CONNECTOR

QUIKLOCK MOUNT

MADE FOR
SAWMILLS

		NEAR	FAR
DATA	Accuracy	+/- 0.005" *(+/- 0.13mm)*	+/- 0.02" *(+/- 0.5mm)*
	Density	160 points per inch *(63 points per cm)*	60 points per inch *(24 points per cm)*
	Speed	2000 scans / sec per sensor	
	Points per Profile	1456 per sensor	

GENERAL	Power	IEEE 802.3 af Power over Ethernet
	Laser Type	Pulsed, Class 3R
	Laser Color	Visible red
	Computer	Single standard PC per system
	Data Interface	Gigabit Ethernet
	Weight	5 lbs (2.3kg)
	Operating Temp	0° to 120°F *(-20° to 50°C)*
	Storage Temp	-40° to 176°F *(-40° to 80°C)*
	Lighting	Fully operational between indoor lighting (no sunlight) and complete darkness

LINEAL SCANNING

TRANSVERSE SCANNING
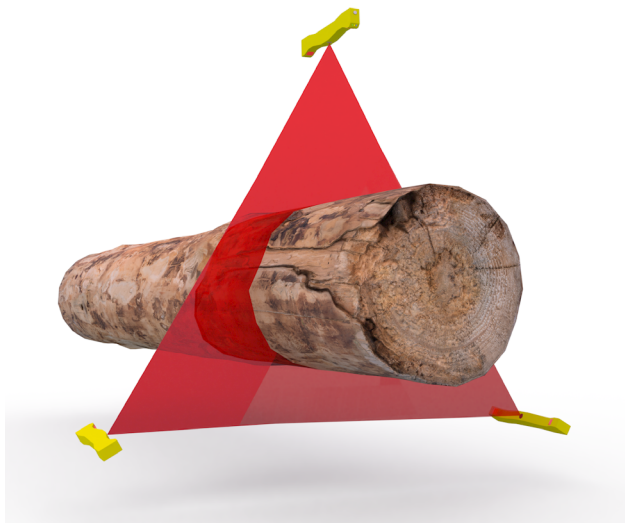
- Covers speeds up to 5,000 feet per minute *(25m/sec)*
- Scans any diameter logs with group coverage
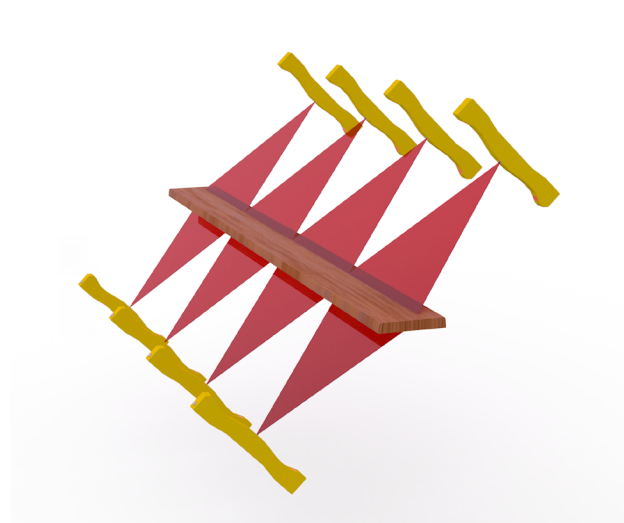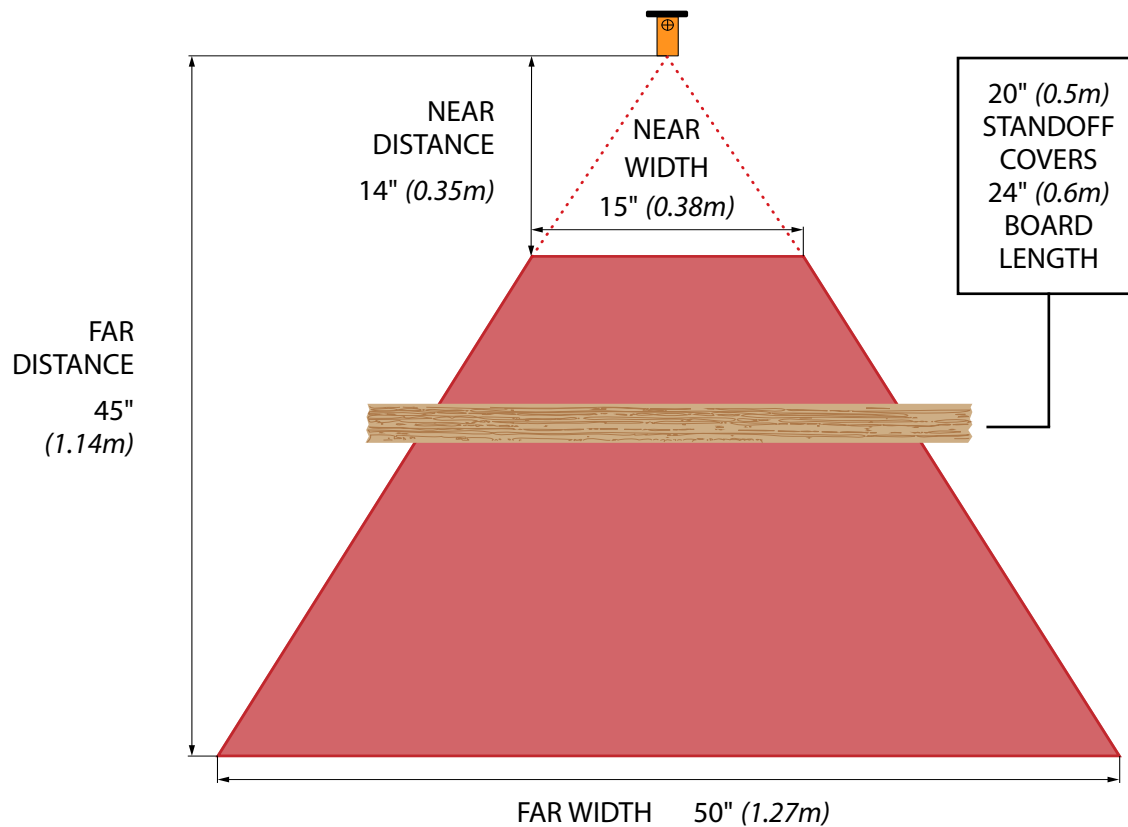
- 2 banks of scanners see all 4 faces of boards
- Scans any length boards with 24" between scanners *(0.6m)*

JS-50 WX
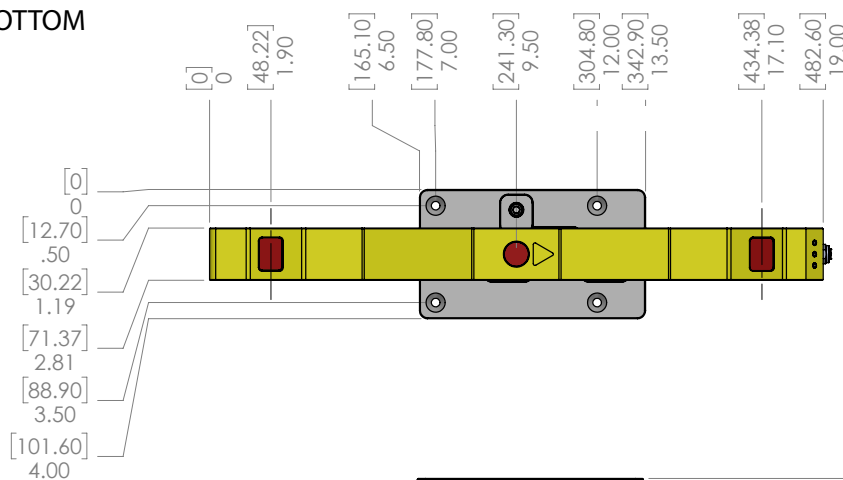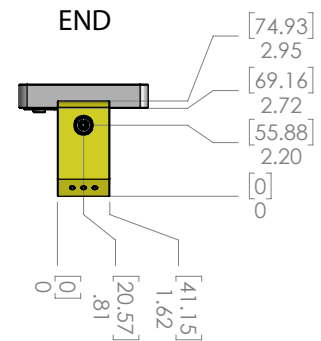## PRELIMINARY

NEAR
DISTANCE
14" *(0.35m)*

NEAR
WIDTH
15" *(0.38m)*

20" *(0.5m)*
STANDOFF
COVERS
24" *(0.6m)*
BOARD
LENGTH

FAR
DISTANCE

45"
(1.14m)

FAR WIDTH   50" *(1.27m)*

JS-50 can collect data outside of these ranges with reduced specs

BOTTOM

[0]
0

[48.22]
1.90

[165.10]
6.50

[177.80]
7.00

[241.30]
9.50

[304.80]
12.00

[342.90]
13.50

[434.38]
17.10

[482.60]
19.00

[0]
0

[12.70]
.50

[30.22]
1.19

[71.37]
2.81

[88.90]
3.50

[101.60]
4.00

END

[74.93]
2.95

[69.16]
2.72

[55.88]
2.20

[0]
0

[0]
0

[0]
0

[20.57]
.81

[41.15]
1.62

FRONT

[88.21]
3.47

[74.93]
2.95

[55.88]
2.20

[0]
0
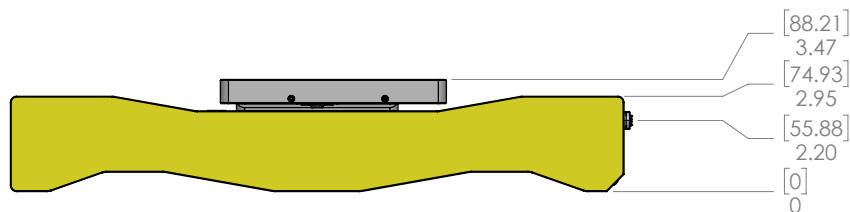
MADE FOR
SAWMILLS

At JoeScan, we make scanners for sawmills.

Our only focus is to deliver results for our sawmill partners. We have more than 4,000 scanners installed in sawmills all over the world, and our very first scanners are still running strong, over 16 years later.

Since 2002, we've learned what works for sawmills.

We keep our solutions simple.

We make sure that everything we make can stand up to the rigors of the sawmill environment, day after day, year after year.

And we work hard to deliver cost-effective scanning solutions for the sawmill industry.

Because we are committed to serving our partners, JoeScans are made for sawmills. If you'd like to become one of our partners, we are ready to prove it to you.

Let's chat.

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DESIGNED &
ASSEMBLED
IN THE
USA