

JS-25 Scan Head

JoeScan

3-D Vision Profiling

3-D LASER SCANNING MADE FOR SAWMILLS

For more than fifteen years, JoeScan has supplied 3-D laser scan heads to sawmill optimization vendors around the world. JoeScan's scan heads have been made for sawmills since the company introduced its first scanner in 2002.

With thousands of scanners already operating in sawmills, JoeScan provides proven scanning technology that delivers maximum performance – and return on investment.

Operational with only power and an Ethernet connection:

The JS-25 X-Series delivers fast, accurate readings over an easy-to-use Ethernet interface. JS-25 scan heads require only 24V DC power and an Ethernet connection. Built-in profile processing eliminates the need for large numbers of PCs to process the image data, resulting in a simpler, more reliable system.

Built tough for sawmills: The JS-25 is engineered for the most challenging industrial environments. JoeScan scan heads even withstand the extreme vibration of riding on the headrig carriage, and the aluminum housing is sealed to keep out dust and moisture. With no moving parts, the JS-25 is designed to deliver years of unflinching service.

Long-term investment: JoeScan products are backed by a 5-year warranty. If you encounter a manufacturing defect within 5 years, JoeScan will fix it at no charge.

What's more, JoeScan offers a 10-year product support policy to protect against obsolescence. After the warranty period, it will provide product support at the customer's expense for 10 years after the product's original shipping date. If JoeScan is unable to provide product support, then it will supply a replacement scanner that has equivalent or enhanced capabilities.

JS-25 Snapshot

- Image View for easy troubleshooting
- Rugged, sealed aluminum housing
- Industry-standard Ethernet interface
- Backward compatible with JS-20 scan heads
- 5-year warranty & 10-year product support policy



What our customers say:

"JoeScan scan heads are unique and simple. They do not require additional hardware and software systems, which simplifies the integration process."

Jerry Johnson, President
Paw-Taw-John Services, Inc.

"JoeScan scanners are reliable, stable and have a long life. Those qualities, combined with the practical application and the result to our mill, set their scanners apart from the competition."

David Richbourg, Plant Manager
H.W. Culp Lumber Co., Inc.

"Within two months of Pennyrile Sawmill installing a new carriage system with JS-25 X6Bs, it has increased production by 4-5% and has increased yield by at least 8%."

Mahlon Graber, Owner
Pennyrile Sawmill, LLC

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Flexible Scanning Solutions for Multiple Applications

The JS-25 X-Series includes five models that provide flexibility in scanning solutions—high-density, standard and extended-range, wide-angle, and three- or six-laser configurations. The scan heads can be used in a variety of applications, including transverse, lineal, and short-infeed lineal systems.



- **JS-25 MX (medium range):** Versatile scanning envelope that can handle anything from boards to medium-to-large logs
- **JS-25 WX (wide angle):** Transverse scanning of boards and cants
- **JS-25 X1 (extended range):** Lineal scanning of large logs
- **JS-25 X3 (triple laser):** Six-inch laser spacing for high-density snapshot and short-infeed scanning
- **JS-25 X6B (six lasers):** Six-inch laser spacing for high-density snapshot scanning of logs on carriage headrigs

As our customers' needs change, JoeScan keeps pace with product advancements that continue to improve recovery.

JoeScan will work with a mill's preferred optimization vendor to help put together a scanning and optimization system to meet the application's specific requirements. JoeScan can also refer customers to optimization vendors who have experience providing optimization systems that utilize JS-25 scan heads.

To learn more, visit www.joescan.com or call +1.360.993.0069.



Specifications					
	JS-25 MX	JS-25 WX	JS-25 X1	JS-25 X3	JS-25 X6B
Max Resolution	+/- 0.025" +/- 0,6mm	+/- 0.025" +/- 0,6mm	+/- 0.030" +/- 0,8mm	+/- 0.030" +/- 0,8mm	+/- 0.100" +/- 2,54mm
Placement Flexibility	1 laser	1 laser	1 laser	3 lasers 6" (152mm) apart	6 lasers 6" (152mm) apart
Max Scan Rate	850/sec.	850/sec.	850/sec.	283/sec. per laser	283/sec. per laser
Depth of View	20" to 84" 508mm to 2,1m	24" to 48" 610mm to 1,2m	36" to over 156" 914mm to over 4m	36" to 96" 914mm to 2,4m	90" to 120"* 2,3m to 3m*
Field of View	41" @ 84" 1041mm @ 2,1m	42" @ 48" 1067mm @ 1,2m	60" @ 120" 1524mm @ 3m	48" @ 96" 1219mm @ 2,4m	36" @ 120"* 914mm @ 3m*

*Different standoff configurations are possible by request.

DESIGNED &
ASSEMBLED
IN THE
USA



JoeScan