

# Stickman SM400

Add power to your MSR/MSG manufacturing

## Know green board density and stiffness for more effective MSR/MSG processing



The Stickman SM400 uses acoustic measuring to identify the stiffness properties of green lumber.

The system can work with a load cell weighing system or as a 'bolt-on' that is specifically designed to work in conjunction with Isoscan's LDS200. It enables you to further refine your operations to sort, then accept or discard green boards that are destined for MSR/MSG processing.

With the Stickman SM400, you'll have far greater certainty that MSR/MSG processing will lead to a successful end result. Timber that is unsuitable for processing can simply be discarded

up-front – eliminating downstream expense and effort.

The system is purpose-designed by Isoscan and proven around the world.

**Streamlined.** By removing unsuitable board timber at an early stage, downstream MSR/MSG processing is significantly faster and more cost-efficient.

## at a glance →

- **Automatic** The SM400 is designed to work in conjunction with a density measurement system, either a load cell or directly with Isoscan's LDS200. It automatically measures up to 100 pieces of timber every minute with a load cell and 200 every minute with the LDS200, using non-invasive acoustic measuring.
- **Flexible** The machine can accommodate timber up to 6 m in length; and is proven across a range of species. Installation is quick and easy, and the system is compact.
- **Precise** Stickman SM400 is a very accurate way to measure fibre properties and stiffness. Every single piece of timber is scanned, providing accurate identification of board with unsuitable density and/or stiffness.
- **Non-invasive** Measuring is non-invasive. The timber is totally unaffected.
- **User-friendly** The Stickman SM400 can be interfaced with your PLC or it can be connected directly to a PC for display purposes.



**Stickman SM400 is a powerful addition to the LDS200 to minimise mill operating costs.**

## about us →

At Isoscan we help industries around the world to gain a powerful edge – by creating and commercialising non-invasive scanning and analysis technology.

These new generations of x-ray, optical and laser scanners can open the way to incredible real-time product knowledge, and superior manufacture and processing performance. That's across new and existing product streams, in a wide range of industries.

So when you seek knowledge of your product 'beyond the surface', talk to Isoscan. Isoscan Ltd is a subsidiary of GNS Science, we offer world-leading development scientists, supported by expert electronic, mechanical and software engineers.

## contact us →

To discuss how your business can take advantage of the Stickman SM400, please contact Isoscan. We welcome the chance to talk with you about how our solutions can deliver a business edge.

Call +64-4-570 1444  
Email [isoscan@gns.cri.nz](mailto:isoscan@gns.cri.nz)  
Visit [www.isoscan.com](http://www.isoscan.com)

Isoscan  
GNS Science  
PO Box 31312  
Lower Hutt 5040  
New Zealand

## sales agents

### United States

Sales agent: Wagner Electronics  
For further information contact:  
Julie Longanecker  
Wagner Electronics  
326 Pine Grove Road  
Rogue River, Oregon 97537  
UNITED STATES  
**T** 0541-582-0541 **F** 0541-582-4138  
Toll free 1-800-634-9961  
[jlonganecker@www.wagner.com](mailto:jlonganecker@www.wagner.com)  
[www.wagner.com](http://www.wagner.com)

### Canada

Sales agent: Wagner Electronics  
For further information contact:  
Ron Smith  
Wagner Electronics  
326 Pine Grove Road  
Rogue River, Oregon 97537  
UNITED STATES  
**T** 0541-582-0541 **F** 0541-582-4138  
Toll free 1-800-634-9961  
[rsmith@www.wagner.com](mailto:rsmith@www.wagner.com)  
[www.wagner.com](http://www.wagner.com)

### Europe

Sales agent: Woodcontrol  
For further information contact:  
Thomas Henriksson  
Woodcontrol i Hjo  
Fiolvägen 10  
Sverige  
544 30 HJO  
SWEDEN  
**T** +46-768-36 91 00  
**F** +46-503-59025  
[info@woodcontrol.se](mailto:info@woodcontrol.se)  
[www.woodcontrol.se](http://www.woodcontrol.se)

### Other locations

For further information contact:  
Joe Manning  
Isoscan Ltd  
PO Box 31312  
Lower Hutt  
NEW ZEALAND  
**T** +64-4-570 1444  
**F** +64-4-570 4657  
[j.manning@gns.cri.nz](mailto:j.manning@gns.cri.nz)