

SUCCESS STORY

VFD IMPROVES LUMBER PROCESSING LINE EFFICIENCY

INFORMATION

Industry

Lumber and Woodworking

Application

Saw Mill Processing Line

Product

Yaskawa GA800 Industrial VFD



COMPANY HIGHLIGHTS

The customer is a wood-products company operating seven large mills throughout the Midwest. They produce at a capacity of over one billion board feet per year and participate in global markets. This global reach underscores the customer's trust in Yaskawa's industrial drives, making them a reliable choice for companies operating in the international wood-products industry.

THE VFD APPLICATION

The customer has historically used non-Yaskawa variable frequency drives (VFDs) on the majority of their installations; however, Yaskawa had performed installations for them several years prior. Post-installation, Yaskawa's local sales representative and distributor representative maintained a dialogue with the customer.

APPLICATION CHALLENGES

When the customer began planning the installation of a very large saw mill machine, Yaskawa Sales Representatives saw an opportunity to present Yaskawa's new **GA800 industrial VFD** to them, emphasizing mobile connectivity with its Bluetooth™ keypad option. This allowed Yaskawa to quote against the non-Yaskawa drive manufacturer for the new installation project.

THE YASKAWA SOLUTION

Yaskawa's team provided a very competitive quote compared to the non-Yaskawa offer and was awarded the project. The operation site installed a large mix of Yaskawa **GA800 Industrial VFDs** with eight 150 HP units and eight 125 HP units, all with Bluetooth keypads and remote keypad panel mounts. The photo at left is a typical panel built for the project.

The project's first phase produced a great amount in drive sales, with the customer estimated to yield more in future sales; demonstrating the long-term value and potential return on investment of Yaskawa's industrial drives.



Yaskawa GA800 Industrial VFDs with Bluetooth wireless technology have long-term value in the lumber industry applications.

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More GA800 Industrial VFD information:

<https://www.yaskawa.com/ga800-drive>



Find a Yaskawa representative:

<https://www.yaskawa.com/support-training/support/sales-search>



KEY GA800 FEATURES

The Yaskawa GA800 Industrial VFD brings a set of notable advantages:

- Standard control inputs, which include eight digital, three analog, two safe torque off, and one pulse
- Standard monitor outputs include four digital, two analog, one pulse, and a 24 Vdc supply
- A high-resolution keypad equipped with a real-time clock, copy and backup functions, and micro-SD storage for fault history storage
- Normal Duty and Heavy Duty ratings for use in variable torque and constant torque motor applications
- Stall Prevention & Torque Limit features to manage motor current and machine stress to acceptable levels
- Capable of controlling various motor types, including induction, permanent magnet (both SPM & IPM), and synchronous reluctance motors
- Global certifications such as UL, CSA, CE, TÜV, EAC, RCM, KCC
- Yaskawa's award-winning 24-hour technical support, free of charge

Contact Yaskawa today to learn more about using Yaskawa AC drives to perfect your lumber and woodworking industry applications!