

SUCCESS STORY

VFD MINIMIZES DOWNTIME IN EXTRUSION

INFORMATION

Industry

Automotive

Application

Automotive Panels & Installation

Rubber & Plastics

Product

Yaskawa GA800 Industrial VFD



*Yaskawa GA800 Series VFD
minimizing production downtime on
an extruder.*

COMPANY HIGHLIGHTS

The company is a leading global supplier of automotive acoustics and fiber-based systems, including compression-molded flooring products and other fiber-based interior products like package trays, trunk trim, and wheel arch liners.

THE VFD APPLICATION

The automotive product manufacturer needed to retrofit aging DC motors and drives with new variable frequency drive (VFD) technology on their extruder equipment. A Yaskawa sales representative and distributor worked with the customer to retrofit the extruder machinery with the newest generation of industrial VFDs from Yaskawa, the **GA800 Industrial VFD**.

APPLICATION CHALLENGES

The company had a VFD failure early one morning shortly after retrofitting their aging DC motors and drives with a non-Yaskawa VFD. This prompted the urgent need for a VFD replacement to minimize production downtime and profit losses.

The customer was no stranger to Yaskawa and was very happy with Yaskawa's **A1000 Series VFD** installed in another facility application. This led them to contact Yaskawa to replace the non-Yaskawa VFDs with Yaskawa VFDs.

The Yaskawa representative worked with the distributor to generate a price quote that same morning for a VFD to fit their application needs. When the customer reviewed the quote, they chose the new generation Yaskawa **GA800 Industrial VFD**.

THE YASKAWA SOLUTION

Due to the need to minimize downtime, the customer requested same-day delivery of the **GA800 Industrial VFD** directly from the warehouse. The Yaskawa sales team arranged a fast delivery for the customer, and the **GA800 Industrial VFD** was up and running in the facility the next morning.

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More GA800 Series VFD information:

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



Find a Yaskawa representative:

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



This successful retrofit solution highlights Yaskawa's excellent customer support, available inventory, and excellent product quality. The customer experienced minimal production downtime and the Yaskawa **GA800 Industrial VFDs** are maximizing profits for this customer today.

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 input
- 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 to keep a fault history
- 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 to 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 is free of charge

Contact Yaskawa today to learn more about how you can use Yaskawa AC drives to perfect your automotive industry applications!