

In This Issue

[TechTip: using high-speed inputs with CTC controllers](#)

[meet Shepard Controls](#)

[automation kit now available](#)

[thoughts for the new year](#)

[packaging supplier counts on CTC](#)

Using High-Speed Inputs with CTC Controllers

CTC's 5100 Series and 5200 Series controllers both offer optional high-speed inputs. If your application does not require high-speed counting or your need for counting is under 1 KHz, you probably can stick with the standard option.

But, if your application involves high-speed counting, you'll want to order this option. These inputs allow you to have up to two high-speed counters and two registration inputs or you can use them as general purpose inputs.

Model 5100 controller high-speed inputs count pulses at a rate from 1 KHz up to 3 MHz. This option is available for the 5102 and 5104 models only.

Model 5200 high-speed inputs' upper limit is greater, serving rates from 1 KHz up to 6 MHz.

The option includes two differential 5-Volt inputs that can be used as a quadrature encoder input or two individual 5V differential input counters (no direction). There are also two single-ended 24-Volt inputs that can be used as registration inputs when using the 5-Volt inputs as an encoder.

For both the 5100 and 5200 series, the inputs are accessed using the leftmost terminal blocks where the input power and 5V output are located.

View [the Model 5100 High-Speed Input Application Note](#) for



Ohlson Packaging



For more than 40 years, Ohlson Packaging has built machines with the durability and uptime performance critical to the success of its customers' packaging lines. The Taunton, Mass.-based company designs and manufactures a full range of automatic and semi-automatic weighing and counting machines for a wide variety of industries - from frozen foods, candy, and produce to hardware, automotive products, and electrical components.

To deliver its rugged, overbuilt systems with qualities that ensure maximum uptime, no under-weights or under-counts, Ohlson Packaging depends on its own suppliers to provide excellent quality for each piece that is integrated into its machines.

Ohlson has used CTC controllers for years. The company first used CTC's model 2200, later incorporating the 2600 and 2700 controllers as CTC offered more features and greater flexibility with each succeeding model. Today Ohlson is considering CTC's Model 5300 for new applications.

The 5300 is a high-performance programmable automation controller (PAC) with a small footprint. For the complex applications that Ohlson faces every day, the model 5300 offers support for up to 1024 I/O points and up to 16 axes of motion control.

specific information on the high-speed input option with CTC Series 5100 Controllers.

For specific information on the high-speed input option with CTC Series 5200 Controllers, view [the Model 5200 High-Speed Input Application Note](#).

Meet Shepherd Controls



Since 1985, Shepherd Controls has been dedicated to providing high-quality services and products to its customers. With offices in the Dallas - Ft. Worth, Houston and El Paso areas, as well as local representation all over Texas and Oklahoma, Shepherd Controls serves customers in the entire region to meet their industrial automation needs.

Shepherd stocks products in a spacious warehouse for fast delivery, and its value-added department is there to respond to customer requests with customized solutions.

Reach Shepard Controls at its main office at (972) 727-7300 or contact Karl Chambers directly at karl.chambers@ctc-control.com for technical or sales support.

Attention New Customers: Learn with CTC's Automation Kit!

CTC is making available a complete Automation Kit for new customers to get started using the 5300 controller. Call [your local distributor](#) to learn more and order the kit.

Thoughts for the season...



✉ **SafeUnsubscribe**® As 2009 draws to a close, we want to thank all our customers and suppliers for your business and your friendship in the past year.

May you and your families enjoy a peaceful holiday season and joy and success in the New Year!

On behalf of all of us at CTC,
Tom Schermerhorn, President

We're always interested in your feedback! Please e-mail us with questions, suggestions, ideas.



*Ohlson 8
Lane
Counter
with
Bagger*

Check out video of an Ohlson machine [packaging brownie squares](#), or if you're trying to watch your weight for the holidays, watch a machine [package broccoli](#) instead.

Just for the fun of it...

Do you think weighing items accurately is easy? Think again!

The following factors are only a few that have to be considered in weighing operations:

- Condensation of water on cold items
- Vibration
- Evaporation of water from wet items
- Chemical reactivity between air and the substance being weighed
- Air gusts (even small ones)

Quick Links

[CTC Download Center](#)

[CTC E-Learning Center](#)

[About Us](#)

Made in the USA



Join Our Mailing List!

Our job is to make your job easier!

Sincerely,

Control Technology Corporation

Control Technology Corporation | 25 South St | Hopkinton | MA | 01748
