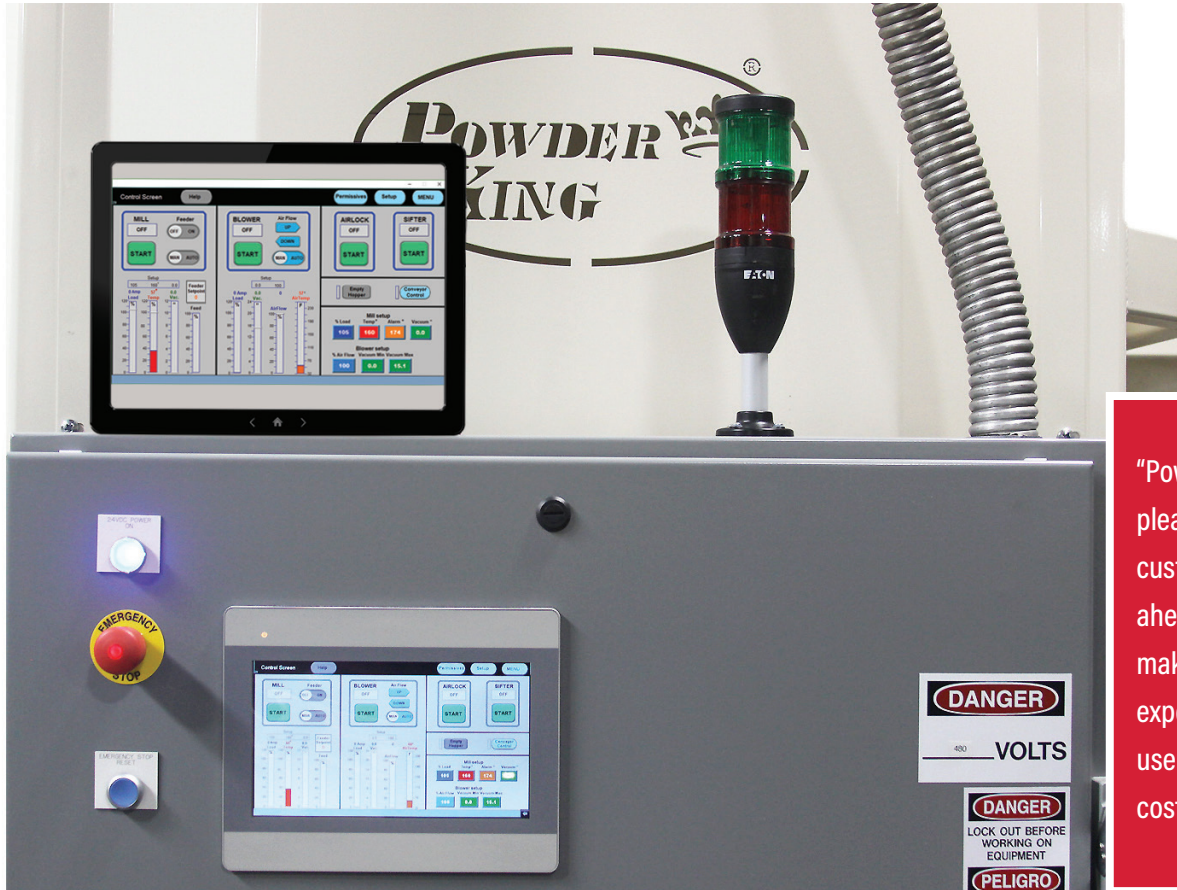


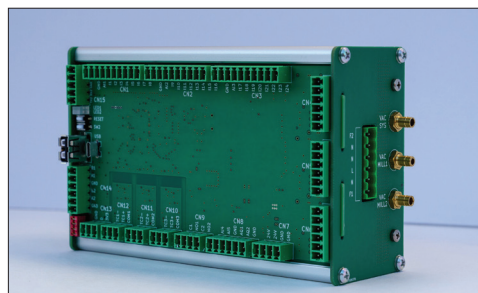
Powder King® Presents its All New Proprietary EC200 Embedded Controller



"Powder King® is pleased to take our customers one step ahead and help make the operating experience simpler, user-friendly, and cost effective."

ANTHEM, AZ USA — Powder King®, a worldwide producer of pulverizing systems for the plastics industry, recently announced that they have been working extensively to simplify the local and remote efficiencies of their pulverizing mills. "We, at Powder King®, always ensure that you get the latest of technology coupled with the best design. That's why we have introduced the all new Proprietary EC200 Embedded Control System," says Jim Hummel, CEO of Powder King®.

The new HMI and EC200 embedded controller replaces a PLC and several other devices. All necessary inputs and outputs are built in, simplifying the system design, operation, and maintenance of the control system. It supports several different machine configurations, such as single mill, dual



mill, single feeder, dual feeders, across the line or wye/delta motor starters, VFD drives, airflow or damper control, J or K thermocouple types, etc. The same software for EC200 and HMI operates everything, and machine configuration is selectable via password protected HMI screen.


In addition to the features available in a typical PLC, EC200 offers functionality not available in PLCs – it monitors itself and processes by measuring up to twelve different parameters (internal power supply voltages, line voltage, feeder voltages, line frequency, internal vacuum sensor voltages and status, PC board temperature, etc.). Added features also include forcing of all inputs and outputs via HMI, a highly valuable tool in troubleshooting and avoiding nuisance

shutdown. For example: the hopper empty proximity switch fails, which shuts the production down. Using the HMI maintenance screen, the hopper switch input is forced on and the production continues until the spare part arrives.

The HMI Control Screen is designed in such a way that it is not necessary to switch screens during normal operation to Auto or Manual Mode. Every operator action is logged and time stamped, along with machine warnings, alarms, trends, and recipe changes. This allows a look into the past for identifying potential production issues. All inputs, outputs, mill currents, vacuums, feeder voltages, internal parameters, etc. are available on the HMI Maintenance Screen. Almost any problem regarding electrical equipment can be identified by looking at and analyzing the data on the screen. HMI

features EasyAccess 2.0 – the utility that allows Powder King®, or the customer, to access HMI screens for remote troubleshooting and monitor on a laptop, Android iPad/tablet, or a cell phone from anywhere in the world, as long as an internet or wifi connection is available.

Powder King® is pleased to take our customers one step ahead and help make the operating experience simpler, user-friendly, and cost effective. “Being that we are the only company to offer this device, we are proud and look forward to what our future holds,” says Mr. Hummel.

For more information about Powder King, please feel free to contact us on the web at www.powder-king.com – email sales@powder-king.com – or call on 623.551.9887. 

Are You Still Adrift in a Sea of Polyethylene?

Help is on the Way with a New Affordable Polypropylene

Polypropylene is tougher, scratch resistant, has excellent load resistance and provides better high temperature performance. Yet it's often overlooked for the less expensive, less effective polyethylene option. 4Roto is the new source for affordable polypropylene. New markets will get the message.

- Designed specifically for rotational molding
- In stock in the USA
- Cost-effective solution

4Roto
Specialty Resin Supply

**Call us today to learn how
you can put the power of
Polypropylene to work for you.**

262-375-5601 • 4Roto.com • info@4Roto.com • W66 N622 Madison Avenue • Cedarburg, WI 53012 USA

