The Better Weigh Controller: Batch and Continuous

Description:

The Better-Weigh Controller is a C ++ programmable single board computer with a built in 4.75" x 3.58" touchscreen display, which is also C ++ programmable. The display also has a large area for bitmaps, display lists, and screens. This system is ideal for weighing applications that require an interactive graphic interface.

The Better-Weigh Controller comes standard with 16 protected digital inputs and 16 high – current sinking outputs for controlling slide gates, screw feeders.

OPTIONS:

Additional Relay Outputs
 (Includes board and 4 relays)

Additional Analog Inputs/Outputs
(4-12 bit channels)

Additional Scales per Controller
(Includes indicator and necessary inputs and outputs)

Custom programming is available on a job specific basis. Call us with your requirements and we will provide pricing.

Control Features

- Automated batching, manual batching or combination
- Materials can be added via screw conveyors, bin activators or manual bag dumps
- Automatic feed rate optimization via analog output – 4 outputs available standard
- Automatic Feed rate discharge via analog input – 4 inputs available standard
- Automatic Dribble point determination
- Automatic Preact (material in suspension) setting
- Automatic jog feature can be enabled or disables
- Inventory tracking and reporting
- Single and dual speed filling or discharging
- Batch history of 200 previous batches
- Graphic display
- System alarm output
- Security: two levels (supervisor and operator)
- Touch-screen operator interface
- Mechanical E-Stop button
- Power ON/OFF switch
- Batch Start / Hand add accept button
- Tolerance checking with different parameters settable for under and over tolerance.
- Standard unit includes relay outputs to interface to customers equipment (application specific)
- Serial Ports: 3 up to 57,600 bps. Port 1 is 5 – wire RS-232 Ports 2 & 3 can be RS-485 or 5 – wire RS-232
- Watchdog, supervisor, battery-backed time/date clock, two 3 v lithium coin type batteries, 165 mA-h and 190 mA-h
- Humidity r.h. 25% to 65% non-condensing
- Operating Temperature: 0 – 50 Degrees C.
- Five scale systems per controller using RS-232
- Scale digital filters (software selectable)
- Scale display .8" red LED - 6 digits