

## LIVE BOTTOM BATCHER

Part Number: 22542

### DESCRIPTION:

This option provides controls for a live bottom weigh hopper with a variable-speed belt which discharges onto an incline conveyor. Used with compact, highly mobile, low-profile plants. Includes controls for the BELT SLOW, BELT FAST, VIBRATOR, BELT RUN, and CONVEYOR START outputs, as well as the CONVEYOR STOP, and CONVEYOR RUNNING inputs.

### OPERATION:

#### *Automatic*

The incline conveyor (if used) starts after all aggregate materials are weighed up and discharge is authorized. During scale discharge, the BELT RUN output is energized, and the BELT FAST and SLOW outputs control the rate of discharge. Belt control allows the aggregate to be discharged at a rate the truck can handle. The Belt cannot run if the incline conveyor is not running. During the last part of the discharge cycle, the vibrator is energized to ensure no material is left in the scale.

#### *Manual*

- To manually discharge aggregate material onto an incline conveyor or into the truck, the operator presses the CONVEYOR START pushbutton on the Manual Station then presses the BELT RUN maintained pushbutton to start the Belt.
- Once the conveyor is running, the operator controls the speed of the Belt by pressing the BELT SLOW and/or BELT FAST pushbuttons.
- After all of the aggregate material is discharged into the truck, the operator presses the BELT RUN maintained pushbutton to stop the Belt then presses the CONVEYOR STOP pushbutton to stop the conveyor (if used).

### SYSTEM REQUIREMENTS:

- BELT RUN, BELT SLOW, BELT FAST, VIBRATOR, and CONVEYOR START outputs - find unassigned I/O positions controlled by pushbuttons on the Manual Station.
- CONVEYOR STOP input – assign to a pushbutton adjacent to the CONVEYOR START pushbutton on the Manual Station.
- CONVEYOR RUNNING input – assign to a pushbutton or LED on the Manual Station.

### IMPLEMENTATION:

- Install the Opto modules in the correct slots in the J-Box.
- Configure pushbuttons and LED's on the Manual Station.

[www.commandalkon.com](http://www.commandalkon.com)

### Command Alkon Headquarters

1800 International Park Drive, Suite 400

Birmingham, Alabama 35243

Phone: 1-205-879-3282

Toll Free: 1-800-624-1872

Fax: 1-205-870-1405