

# E-150 *Series*

## Concrete Batch Control

**The E-150 Series Batch Control utilizes a PC design. Easy to operate Touch Screen, it can control a variety of batch designs, material delivery and more.**

- .Up to 50 built-in mix designs**
- .Up to 8 materials, 2 cements and 6 aggregates**
- .Standard color NEMA 4 rated touch screen**



## General Specifications

**7 scales maximum (decumulative)**

**4 scales maximum (accumulative)**

E-150 Series controls are available in two configurations:

- 150-A Batches all materials by net weight
- 150-D Batches aggregates by decumulative net weight and cement/water by net weight

## Standard Features

### **E-150A Features**

- Batched by net weight
- Pre-batching of cements, aggregates and water, admixes
- One switch for discharging aggregate weigh belt or weigh batcher

### **E-150D Features**

- (decumulative)
- Pre-batching of cement and water, admixes
- Refill mode for suspending batching while refilling aggregate bins in automatic mode

### **E-150A & E-150D Features**

- PLC, PC
- 2 cement (or fly ash) batched by screw or gravity
- 1 metered water or weighed water
- 4 admixtures
- NEMA 4 control enclosure
- All switchgear is rated NEMA 4, corrosion resistant
- Key locked power on-off selector switch
- Manual-Auto selector switch
- Manual controls for batching and discharge of all materials
- Touch screen 6"
- Emergency stop switch located on panel
- Start-Stop switch for incline conveyor with 10 second warning alarm for start-up
- Aggregate gate jog control
- Automatic gate chatter if no flow is detected through gate
- Automatic material freefall correction
- One switch for discharging of aggregate weigh belt or batcher
- Cement silo low indicator light
- Auto inventories of cement, water, aggregates and admixtures batched in automatic
- 50 Built-in mix designs
- Auto\* & Manual moisture compensation for all aggregates
  - \* When Hydronix bin probe is used
- Over/Under weight checks
- Slump water adjustments
- Tolerance band for each material weighed
- Full digital calibration of scales
- One built-in mix timers (1 for normal mix)

Mixer Systems is a leading supplier of high performance manufacturing systems for the concrete products industry. The quality controls shown here are just one example of our capabilities—from plant automation to complete plant design and layout to process components—*everything you need to increase your profits!*

**Mixers • Batch Plants • Overhead Delivery Systems • Turn Key Design • Bins, Silos, Hoists and Conveyors**

# E-150

## **E-150A & E-150D Features Con't.**

• Ethernet compatible, link to office PC  
Recordation package. Includes software to record automatic batched weights, inventory printer.

- Cement silo low level indicator lights
- 6 aggregates
- 2 cement (or fly ash) batched by screw or gravity
- 4 of 4 admixtures
- Compressor on-off switch
- Remote access
- Printing
- Data recordation

### **Ticket Information**

- (Automatic batching mode only)
- Batch number
- Time
- Actual weight of each material
- Moisture percentage for aggregates
- Formula Number
- Date

### **Inventory**

- Total pounds material used in automatic batching
- Admix counts accumulated

## **Optional Features**

- Mixer discharge door, open-close switch with open-close indicator light
- Temper water button
- Automatic Moisture Compensation\*
- Provides the following data:

## **PLC Software Optional Features**

(Optional software may require additional hardware)

- Automatic demand from wet holding hopper

All the same mix design.

- Mixture moisture interface to a Mixer Moisture System
- Mixer timer with hot mix alarm (with external bell)
- Aggregate discharge skip hoist or holding hopper while weighing cement and water

*NOTE: If control is sold as a separate (stand alone) unit, the load cells, the digital summing boxes and the shielded cable must be included. Consult engineering for the correct load cell size.*



**Made  
In  
U.S.A.**

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