

General Specifications

7 scales maximum (decumulative)

4 scales maximum (net weight)

E-100 Series controls are available in two configurations:

- 100A batches all materials by net weight
- 100D batches aggregates by decumulative net weight and cement/water by net weight

Standard Features

E-100A Features

- 2 of 2 aggregates, batched by net weight
- Pre-batching of cements, aggregates and water
- One switch for discharging aggregate weigh belt or weigh batcher

E-100D Features

- 2 of 2 aggregates (decumulative)
- Pre-batching of cements and water
- Refill mode for suspending batching while refilling aggregate bins in automatic

E-100A & E-100D Features

- 1 of 1 cement (or fly ash), batched by screw or gravity
- 1 weighed water
- NEMA 4 control enclosures
- 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
- LCD (backlit) menu driven display readout with 4 lines of 20 characters per line
- Emergency stop switch located on control panel
- Start-Stop switch for incline conveyor with 10 second warning alarm for start-up
- Start-Stop switch for mixer
- Aggregate gate jog control
- Automatic gate chatter if no flow is detected through gate
- Automatic material freefall correction
- One cement bin low indicator light
- Material inventories of cement, water and aggregates batched in automatic

E-100A & E-100D Features (continued)

- Over/Under weight checks
- Tolerance band for each material weighed
- Full digital calibration of scales

Optional Features

- 4 of 4 aggregates, batched by net weight
- 6 of 6 aggregates, batched by net weight
- 2 of 2 cements (or fly ash) batched by screw or gravity
- Start signal for a metered water system
- Start signal for a mixer moisture system
- Start signal for admix system(s)
- Compressor Start-Stop switch
- Aeration/blower Start-Stop switch
- Cement bin, high or low level indicator lights
- 10 Second start-up delay and warning horn for customer supplied mixer
- Mixer discharge door, open-close switch with open-close indicator light
- Mix timer and remote bell 1 to 10 times
- Slump (amp) meter
- Temper water switch
- Proprietary digital summing box for one to four load cells. One summing box is required for each scale
- Shielded signal cable (summing junction box to control)
- Custom programming is available (consult factory)
- Additional cement scale (E-100A)
- Separate water scale (E-100A)
- Recordation package. Includes: software to record automatic batch weight and inventory printer, serial board and 15' of cable. Provides the following data:

Ticket Information

(Automatic batching mode only)

- Batch number
- Formula number
- Time
- Date
- Actual weights of each material
- No admixtures or metered water

Inventory

- Time
- Date
- Pounds of cement, aggregates and water used in automatic batching
- No admixtures or metered 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.

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Unit pictured may include optional equipment. Specifications subject to change without notice.



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