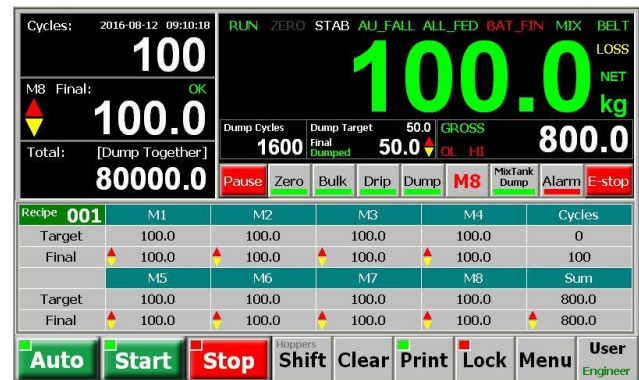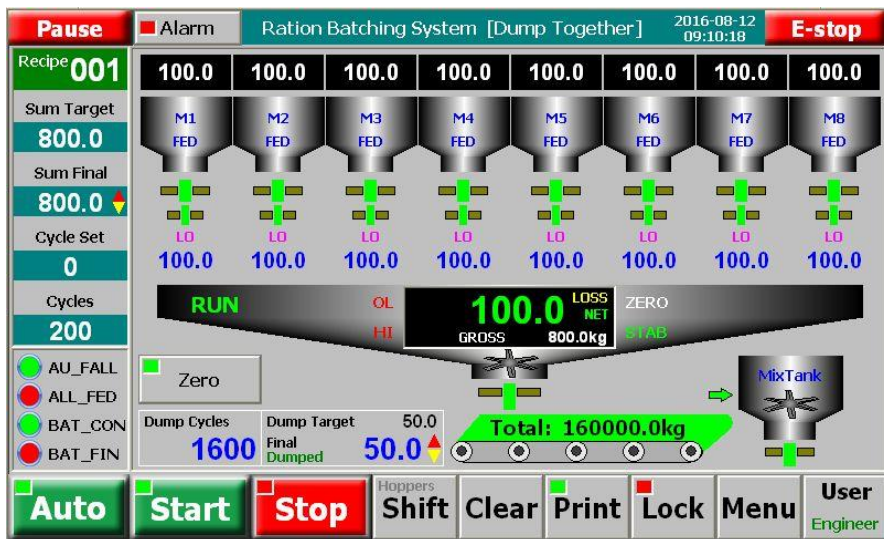# AKAR CONTROLS

WAY TO WEIGH

BATCHING CONTROLLER

M10 [EB]

- ✦ Suitable for Batching Scale with 14-Material & 2-Speed Feeding or 16-Material&1-Speed Feeding [Single-scale]. Optional Dumping Modes: Dump Separately, Dump Together and Ration Dumping [Loss-in-weight].
- ✦ 7"/10.2" Ultralight and ultrathin TFT touch screen with embedded weighing/control module.
- ✦ Loadcell Interface
  - Max. Connection Quantity: 16 Loadcells (350Ω).
  - 24-bit High-precision and high-speed $\Sigma-\triangle$A/D conversion module with 1/1,000,000 internal resolution and sampling frequency 800Hz.
  - Special anti-vibration digital filtering algorithm for ensuring the weighing stability and accuracy when there is strong vibration on the load receptor, and the rapid response capability when the weight signal changes.
- ✦ I/O Interface
  - 9 Definable normally open switch inputs [DI] and 18 definable normally open transistor switch outputs [DO].
  - 2 Optional & definable analog signal AO[0~10V] for weight signal output or 'Bulk/Dribble Feed' control.
- ✦ Digital Communication Interface
  - COM1[RS232] &COM2[RS485] for connecting Host IPC/PLC and LED Remote Display.
  - COM[RS232] for connecting RS232 Serial Printer.
  - USB1 for connecting USB mouse, downloading HMI software from U-disk and copying data to U-disk.
  - LAN: Optional Ethernet port.
  - 100 Recipes for batching control.
  - Optional 'Auto Correct Inflight' function.
  - 'Batch Target Control' function [With Batch Count Target finished, the batching process will stop automatically].
  - The Batch Records can be printed automatically.
  - Historical Batch Records, Totalizing Reports and Recipes can be queried and printed.

ADDRESS

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ATLAS
Way to Weigh

ISO 9001:2008 CERTIFIED COMPANY