



# BLEND & RECLAIM

## BD SERIES GRAVIMETRIC BATCH BLENDERS

### Integrated Blending Control System Off-the-Shelf Control With Proven Reliability User-Friendly, Menu Driven Interface

AEC's new Allen-Bradley PLC-based blender controller provides state-of-the-art process control at your fingertips. Operator-friendly controls simplify operation, store up to 20 recipes and provide unmatched metering accuracy for up to six ingredients, especially below 2%. The PanelView touch-screen interface displays user-friendly, menu-driven interface screens for complete control and monitoring of any batch blending operation. A serial printer port is included and an optional Ethernet port is available.



Programmable entry screens for all three recipe modes (up to six components)



Real time display of process rate and material usage of each ingredient

### FEATURES

- Patented Control System
- Touch-screen interface in a remote-mount NEMA 12 (IP 54) enclosure
- Two screens allow total control and monitoring of the blending process
- Constant display of actual material used
- Load cell signal conditioning technology improves reliability and is unaffected by electrical noise
- Redesigned pneumatic and electrical systems improve metering accuracy and blender rate
- Electrical panel meets applicable specifications, with 220 volt operation and CE declaration available
- Integral alarm light and horn indicates material feed problems
- Ethernet module available for off-line monitoring, control, and remote troubleshooting
- Three types of recipe entry formats are available to the operator:
  - "EZ" mode meters color and additives as a percentage of the virgin material (most common in injection molding)
  - "Percentage" mode meters all ingredients as a percentage of the overall batch (most common in extrusion and blow molding)
  - "Parts" mode allows for ratio recipe entry (e.g., 50:1)



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