Blender Retrofit Kits

Controls for Smart Blending

Technical Specifications

Is your Sterling Batch Gravimetric Blender using an obsolete control platform? Upgrade its performance and extend its lifespan with a blender control retrofit kit. This easy upgrade replaces outdated hardware and software with the latest control platform, improving equipment reliability, ensuring access to the newest features, and enhancing processing efficiency. Retrofit kits are available for most Sterling Batch blenders (BD, OS, OA) models.

Features

Standard Features

- Pre-wired control enclosure
- Allen Bradly PLC
- CompactFlash Port and Card for recipe book management, data logging and program updating
- Power cord for main control enclosure
- Pre-wired E-Stop
- Pre-wired mixer high level sensor
- Pre-wired mixer door safety switch
- Alarm light and audible alarm
- Keyed operating switch for slide gate control (open/closed/auto)
- Main power switch
- 7" Color Touch Screen in remote enclosure
- Built in Ethernet port on display for programming purposes
- Three recipe modes – EZ mode/ Percentage mode/Parts mode
- Remote cable connection 15 ft (4.5m) (power and communication) to connect HMI to control enclosure
- Mounting bracket for control
- Two (2) new load cells sized for blender model
- Precision 0.02% span accurate cantilever design
- New valve stack manifold for up to four (4) air operated slide gates and weigh bin discharge
- Air Blow off nozzle with coiled tubing to facilitate blender clean up and material changes
- New poly tubing for air connections for up to four (4) air slide gates, weigh bin and mixer discharge
- Misc. hardware/install components
- Parts Kit only – Installation not included.
- Standard kit voltage is 115/1/60

Optional Features

- Additional solenoid kit for blenders with five (5) or six (6) air operated slide gate dispense valves
- 230/1/60 control power
- Remote alarm kit
- Ethernet switch kit
- 50 ft Power/HMI cable in lieu of standard length
- Wiring for Additive feeder components (one or two)
- Wiring for Ram Feeder (one or two)
- Convey control option for PLC – control one pump, one filter cleaning, up to eight (8) vacuum receivers. Quote conveying components separately
- MiVue® – Industry 4.0 control feature
- BlendTrac® Remote Inventory Management software (requires Ethernet switch kit per blender)
- 10" Color HMI Touch Screen in lieu of standard 7" – Consult Factory

NOTES

- Verify main power requirement when requesting a quote. Provide serial number and model number of the unit.
- In some cases, additional components may be required to properly rebuild the blender assembly. Quote separately - Not part of basic retrofit kit.
- Contact our Aftermarket service team to provide a quote on expert installation of the retrofit kit.
- Consult factory for all upgrade kits for KasiBatch (Walton Stout) batch gravimetric blenders
- Consult factory for upgrade kits on all continuous loss in weigh blender models

DESIGNED FOR

BD Series Blenders

OA Series Blenders

OL/AMO Series Blenders