



HOPPER LOADERS

EASY CLEANOUT AND HEAVY-DUTY CONSTRUCTION

SSL & SSIL Series Loaders from Sterling feature a modular stainless steel design offering significant operational advantages. The modular design allows these units to be economically reconfigured to accommodate future requirements. They are available in different configurations and feature material throughput capacities up to 1,700 lbs./hr. For visual monitoring of material flow, Pyrex™ sight glass models are also available. Sight glass assemblies are equipped with an adjustable proximity sensor to ensure full material discharge on each cycle.

SSL Hopper Loader

- Includes above features plus:
- Accumulator blowback standard on SSL06, SSL11, SSL23 and SSL45
- Discharge throat with counter-weighted flapper
- Designed for all applications up to 350°F (with appropriate accessories)

SSIL Hopper Loader

- Features are same as SSL plus:
- High-visibility Pyrex™ sight glass for monitoring of material load/discharge cycle
- Adjustable proximity sensor (specify 24VDC or 115VAC)

SSL03 Hopper Loader

- Constructed of 304 stainless steel with brushed finish
- Integral centrifugal motor with quick-disconnect plug on power cord
- Junction box pre-wired to remote mount control box
- High-flow blowback valve to enhance filter cleaning
- Quick-release design, no tools needed for cleanout
- Flat glazed polyester/mesh filter provides superior filtration of conveying air
- Series 1 Controller





Series 1 Controller

- On/Off operator control with visual indicator
- Automatic time filling provides up to 1,700 lbs./hr*

* For pelletized, free-flowing material @ 35 lbs./cu. ft. Rate depends on model selected and application.

Series 1 Plus Controller

- Sensor-driven volume fill cycle assures full load discharge each and every cycle
- Operator programming of blowback pulses optimizes operating efficiency
- Accurate count of fill cycles (up to 9999) is kept on the batch counter even in the event of a power failure, providing means of estimating material usage
- No-fill alarm notifies operator of empty gaylord or lack of material flow. Automatic shutdown saves motor brushes and reduces maintenance
- Proportioning capability
- Not available on SSL03, SSIL03 models

Menu-Driven Control Functions (Series 1 Plus)

- Vacuum time
- Number of blowback pulses
- No-fill alarm, disable/enable
- Cycle times (proportioning)
- Percentage of material B (proportioning)



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Options

- 230/1/50 or 230/1/60
- Series 1 Plus Controller
- High-temperature (400° F) silicone discharge throat gasket (available for SSL style loaders only)
- White neoprene discharge throat gasket: 180°F (available for SSL style loaders only)
- Nylon filter in lieu of standard polyester - recommended for dusty, non-abrasive regrind material
- Remote proportioning valve with 1 aluminum pickup wand, 10' of flexible hose, O-ring coupler, 2 hose clamps, and cable assembly SPV connection to Series One Plus controller. 1.5" O.D. inlet/outlet tube; 115/1/60 or 230/1/60 voltage. Hopper mount is standard; wall mount or floor stand are also available



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