



WHITLOCK-MATERIAL HANDLING

SRL AND SLC SERIES HOPPER LOADERS



Easy Cleanout Design
Heavy-Duty Construction
Convertible to Central Systems

SRL & SLC Series Loaders from AEC 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 one thousand pounds per hour. 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.



SRL01 HOPPER LOADER

- Constructed of 304 stainless steel with brushed finish
- Integral, three-stage 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
- Modular design allows quick, economical reconfiguration to meet future requirements
- Quick-release design, no tools needed for cleanout
- Flat acrylic/mesh filter provides superior filtration of conveying air
- Series 1 Controller

SLC HOPPER LOADER

Includes above features plus:

- Accumulator blowback standard on SLC02 and SLC04
- Unique elastomer discharge throat with counter-weighted flapper
- Designed for all applications up to 350°F (with appropriate accessories)

SRIL HOPPER LOADER

Features are same as SRL plus:

- High-visibility Pyrex™ sight glass for monitoring of material load/discharge cycle
- Adjustable proximity sensor (specify 24VDC or 115VAC)



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SERIES 1 CONTROLLER

- On/Off operator control with visual indicator
- Automatic time filling provides up to 1,000 lbs./hr*
*For pelletized, free-flowing material @ 35 lbs./cu. ft.



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 gaylor or lack of material flow. Automatic shutdown saves motor brushes and reduces maintenance
- Proportioning capability



REMOTE PROPORTIONING VALVE

- Provides reliable proportioning from 0 to 100% of two materials (typically virgin and regrind)
- A convenient window provides immediate inspection
- Quick-release top enables fast, easy cleanout for material changes
- 45-degree-angled design decreases flex hose wear for less maintenance
- Requires Series 1 Plus Controller

Options

- Wall mount bracket
- Floor stand

Menu-Driven Control Functions

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

Visual Indicators

- Convey time counter
- Blowback
- Batch counter
- No fill alarm



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