

LS-B Series

Brushless Self-Contained Vacuum Loaders

Benefits:

- Brushless motor technology eliminates the need to change out motor brushes reducing motor maintenance and improving reliability
- Motor patented air seal bearing construction
- Life expectancy is 5-10 times longer than brushed motor equivalent
- Electronically commutated switched reluctance motor
- SMC-SCL microprocessor control with digital display
- Stainless steel modular construction
- No internal seams- eliminating material hang up
- Available as single inlet or with optional external dual ratio valve
- Internal material deflector - standard
- High performance filter media
- Throughput rate up to 450 PPH for the LS-45B and up to 950 PPH for the LS-95B for conveying distances up to 60 equivalent feet
- 120 voltage 50/60 Hz



LS-45B



LS-95B

The LS-B series self-contained loaders come with an impressive list of standard features. Powered by brushless motor technology, the LS-B series of brushless loaders offer ease of operation with less maintenance.

All chamber material contact surfaces are constructed of stainless steel with no internal seams to trap material or

finer. These loaders are built to last and eliminates the possibility of material contamination.

Ready for immediate operation, shipment is complete with tubing, hoses, clamps, material lance and solid state controls.

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More Performance

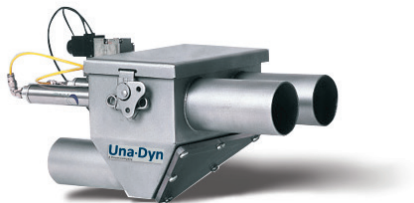
Powerful heavy-duty vacuum motors, powered by brushless motor technology, are mounted to the loader lid for ease of installation. The LS-95B and LS-45B can be easily configured with an optional external fast-acting dual ratio valve to permit sequential material pull from two different material sources.

A discreet material level sensor controls the loading sequence for full automatic operation. Material moves fast and efficiently in both standard and dual ratio configurations and our seamless chamber design minimizes any material hang-up points.

Loader Internal



Optional External Dual Ratio Valve



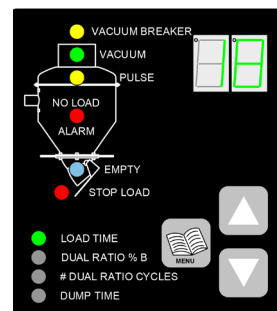
Permits the user to load resin sequentially from two different material sources.

Less Maintenance

Many features on the LS-45B and LS-95B minimize maintenance and improve performance, the most important of which is that there are no brushes to maintain or replace.

The fabric filter media keeps dust and fines from entering the motor and fits snugly into a molded rubber gasket, serving as a chamber seal which doesn't need replacement with each filter change. Our pulse-clean technology directs high velocity bursts of blow back air to the filter, thereby cleaning the media.

SMC-SCL Loader Control



All LS-B series loaders come standard with the SMC-SCL control.

- Dual ratio and filter pulse ready
- User adjustable load time and dual ratio parameters '%B' and number of 'A/B' shuttle cycles
- High-level material sensor