

SC Series

Self-Contained Vacuum Loaders

Benefits:

- Stainless steel construction
- Standard single element filter
- No internal seams
- Magnetic level sensor
- Quiet operation
- Quick resin change design
- Universal mounting flange
- Standard microprocessor control
- Soft start function
- RS-485 serial communication port
- 110 volt, 60 Hz. operation
- Optional dual element filter



SC50

SC52

SC55

SC Series 50, 52 & 55

The self-contained loaders come with an impressive list of standard features and are ready for immediate operation. Shipped complete with tubing, hose, clamps, material lance and microprocessor controls; be up and loading quickly. Constructed with stainless steel, the SC Series features a durable Ametek® motor; dual element, self-cleaning filter; magnetic level sensor; and a 360° rotational flange. Easy installation, industrial heavy duty vacuum motors and features designed to simplify operation as well as reduce maintenance, the SC Series loaders are a reliable choice for superior loading and durability.

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More Performance

A heavy-duty vacuum motor mounted to the loader lid insures reliable operation and is capable of throughput rates up to 450 LBS/PH. Material conveys efficiently and its stainless steel construction minimizes the potential for resin hang up. The universal mounting flange rotates 360° for easy positioning. A discreet magnetic material level sensor controls the loading sequence for a fully automatic operation.

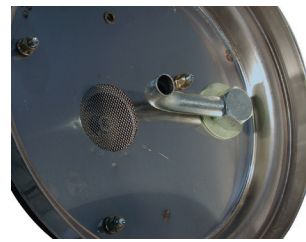
Available in three sizes, the SC Series loaders may be configured with an optional external dual ratio valve to sequentially load material from two different sources.



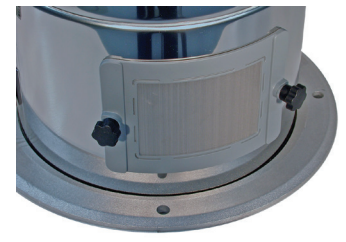
Pleated or Fabric Filter Media

Less Maintenance

Several standard features minimize maintenance and extends the life of the loader. A fabric or pleated filter media snugly fits into a molded rubber gasket to securely seal the chamber. The filter keeps dust and fines from entering the motor and includes a pulse sequence compressed air valve which directs a high velocity burst of air into the filter media for a thorough cleaning after each loading cycle. A stainless steel inspection door on the base of the loader provides quick access to the chamber flapper and the seamless loader design prevents fines, dust and material hang-up points to prolong the life of the filter and motor.



Pulse Clean Valve



Inspection Door

CONTROL



SC Series loaders come standard with a solid state microprocessor control. Reliable and simple to operate, the SC Series control offers easy input of all loader functions and standard features to protect the motor and minimize maintenance.

A soft start function reduces wear and tear on the brushes, extends the life of the motor, and signals when to replace the brushes. Standard RS485 serial communication port offers connectivity.