

SVL-D SERIES

Sterling

Compressed Air Loaders

SVL-D SERIES COMPRESSED AIR LOADERS

Sterling's compact SVL-D Series Venturi Loader is a portable system designed to load drums or smaller containers by evacuating granulator bins, gaylords or storage hoppers. User friendly controls make it easy to operate. The SVL-D uses shop compressed air and a single inlet venturi system to efficiently transfer the material from the bin to the drum. The unit also features a compact, mobile drum stand for ease of use. The optional premium control upgrade provides many additional energy efficient features and provides visual indication and alarms for high level conditions of the granulator and the drum to alert operators and help prevent process shut-down.



SVL-D Series Standard Features

- Mobile drum stand on casters (two locking, two swivel) with adjustable arm
- Filtered drum cover
- Control assembly mounted to drum stand with low power consumption solenoid 115/1/50-60 HZ
- Capacitive sensor for material demand (inside drum or remote mounted in customer bin) with 16.4 ft. (5 meter) quick disconnect cable to control drum material high level condition. If remote mounted, bin full condition
- One (1) venturi/wand assembly with quick connect air fittings
- Ten (10) ft. 1-1/4" I.D. Vinyl flex hose
- Two (2) hose clamps
- Ten (10) ft. 3/8" poly hose air line
- Drum not included – supplied by customer

Options

- Premium control upgrade in lieu of standard control
- Spare drum cover
- Universal take off adapter to fit up to 2" O.D. tube stub on granulator bin
- Vertical venturi material wand (for gaylord or bag unloading) in lieu of standard Horizontal Grinder/Take-off attachment

Note – Suction side of venturi assembly connection is 1.25" O.D. Confirm connection size on existing bin or grinder tube for proper connection. Universal take off adapter may be required

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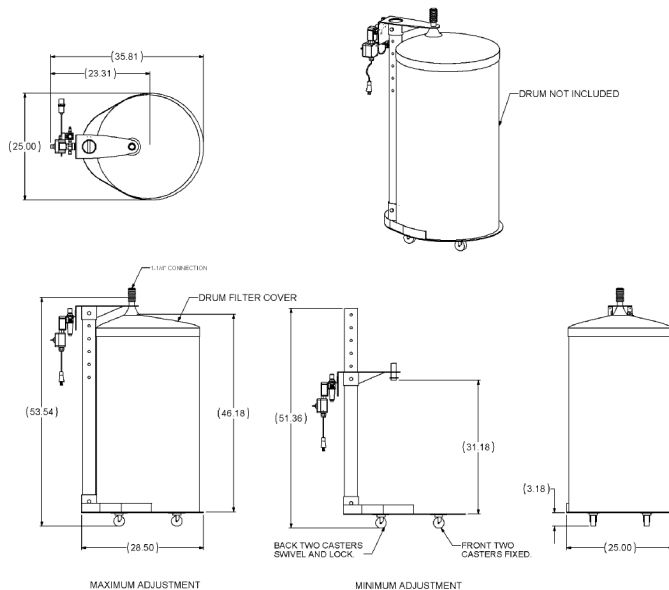
Compressed Air Loaders

SPECIFICATIONS

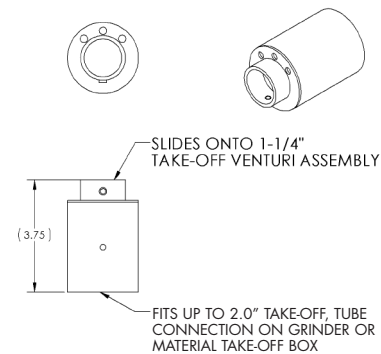
Model	Maximum Throughput, lbs./hr (kg/hr) ¹	Shipping Weight, lbs. (kg) ²	Operating Voltage	Noise Level, dbA	Max. Conveying Distance feet (meters) ³	Compressed Air PSIG (bar)	Compressed Air Consumption, scfm (l/min)	Vacuum Performance, H ₂ O (kPa)	Typical Comp. Air Consumption	Max. Material Temp. °F (°C)
SVL-D	475 (215)	125.0 (56.7)	115/1/50-60 (2 watt)	< 75	Horizontal - 30 (9.14)	70-90 (5-6)	25.9 (733) (Based on 100% continuous use)	-42" (-11)	8-10 scfm (227-283 l/min) @ 80 psig (6 bar) based on 30% duty cycle for intermittent use	170 (820)
					Vertical - 12 (3.7)					

- 1 Throughputs are based on conveying typical materials from close distances (beside the press)
- 2 All weights include 10 lbs. for packing materials
- 3 Throughput will decrease as distance increases. Material properties affect flow rate.

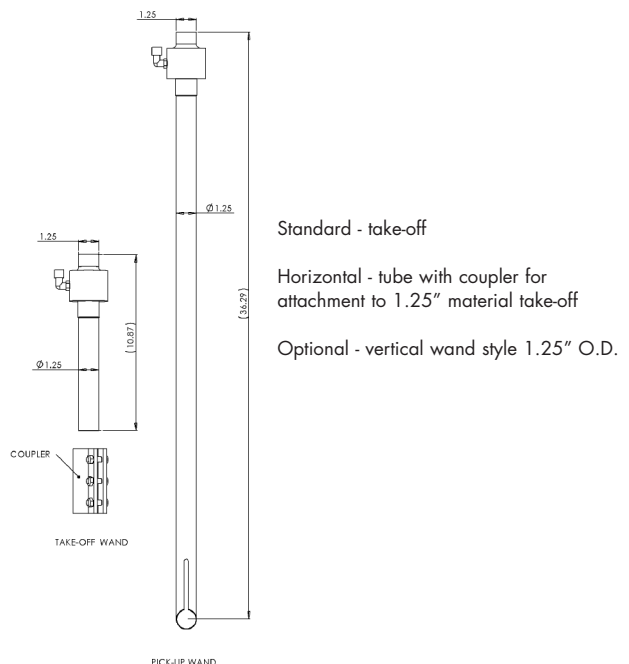
SVL-D SPECIFICATIONS - BARREL/DRUM FILL SYSTEM



UNIVERSAL TAKE-OFF ADAPTER



MATERIAL PICK-UP DEVICE



SVL-D DRUM FILL SYSTEM WITH PREMIUM CONTROL OPTION

This unit offers the same features as the standard SVL-D in addition to a premium control platform in lieu of the standard control. **This premium control platform provides many extra energy saving and operational features including:**

- Remote capacitive sensor with removable 20 ft patch cord to mount in grinder bin
- Local sensor in barrel to indicate barrel high level
- Low power consumption solenoid
- Manual operation feature of solenoid for manual loading
- Alarm light - visual alarm
- Alarm horn - audible alarm
- Adjustable fill time of unload cycle
- Energy-saving fill timer for timed fill and pause until grinder high level is obtained
- Alarm on barrel full - high level condition
- Alarm on grinder and barrel full - high level condition
- No load alarm
- Adjustable no load alarm counter
- Alarm silence
- Power cord
- Mounted to barrel fill stand
- Specify voltage