

SRL, SLC, SRIL SERIES

Hopper Loaders



Technical Specifications

SRL, SLC and SRIL Hopper Loaders are part of the AEC family of self-contained loaders. Because of their integral motor and control, they are ideal for conveying material over short distances. Based on their Stainless Steel construction and filter cleaning system, these hopper loaders are perfect for conveying pellets as well as regrind. SRL and SLC series hopper loaders are perfect for conveying materials to virtually any kind of bin or hopper. By adding a Pyrex sight glass, the SRIL hopper loaders allow these to be mounted directly to process machines and provides visual indication of the material entering your process.

Features

Standard Features

- Stainless Steel construction
- All Stainless Steel material contact surfaces
- High performance centrifugal motor
- Glazed polyester reinforced push down flat filter
- High Flow Filter cleaning system
- Series One controller with 9 ft (2.7m) power cord
- Hopper mounted junction box with 12 ft (3.6m) control cable
- 1-1/2" OD Inlet
- Aluminum pickup wand with 10 ft (3m) of vinyl flex hose
- Material demand sensor 110/1/60 operating voltage

Optional Features

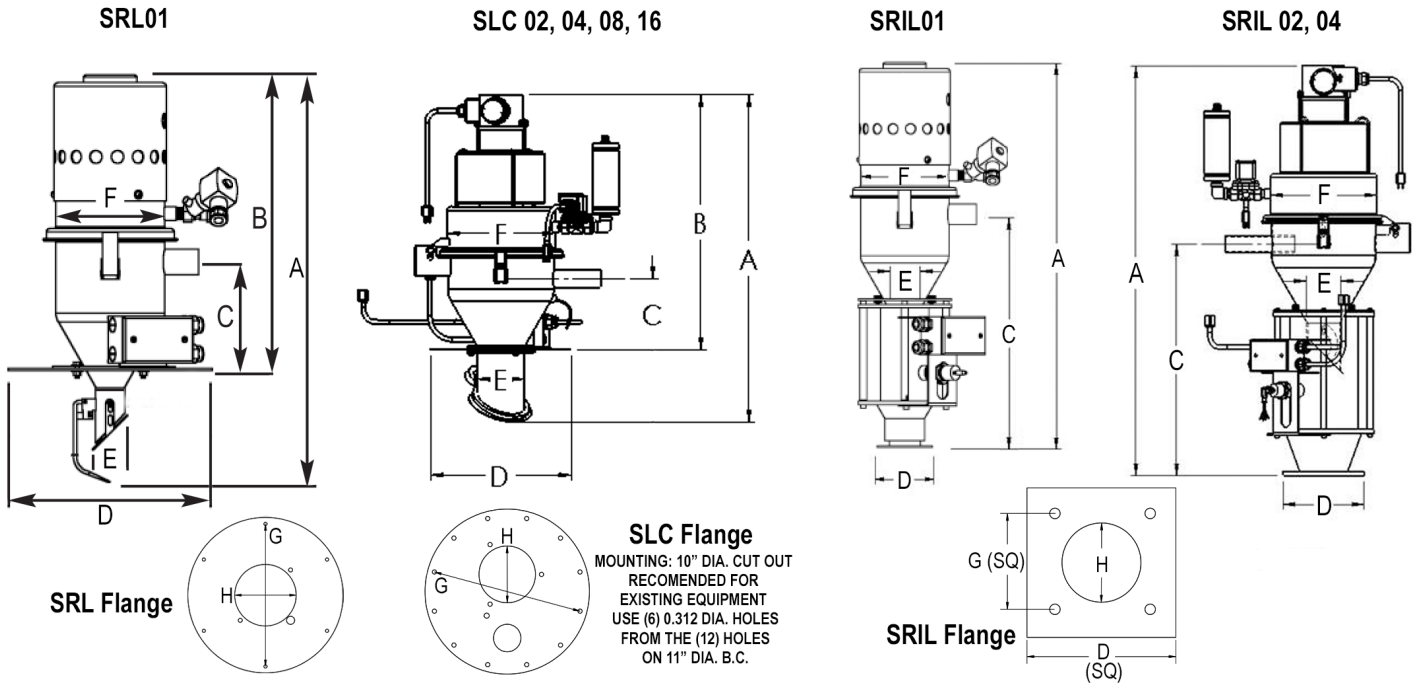
- Series One Plus controller
- Includes: Proximity level sensor for volume filling, built-in proportioning, control capacity, and a batch counter.
- RPV Proportioning valve with additional hose and pick up wand
- Volume-fill sensor
- Brushless Motor
- Nylon filter in lieu of standard Polyester filter
- Hinged lid option
- Audible Alarm
- OptiView Riser with Pyrex Sight Glass
- Aluminum Riser
- Aluminum machine adapter
- High wear wrap for abrasive materials
- 220/1/50-60 operation

Specifications

Model	Hopper Capacity cu.ft. (l)	Hopper Capacity lbs (kg)	FLA	Shipping Weight lbs (kg)	Throughput non-proportioning lbs/hr (kg/hr)*	Throughput proportioning lbs/hr (kg/hr)*	Sight Glass Capacity cu.ft. (l)	Sight Glass Capacity lbs. (kg)**
SRL01	0.1 (2.8)	3.5 (1.5)	11	47 (22)	150 (68)	N/A	N/A	N/A
SRIL01				50 (23)			0.02 (0.57)	0.68 (0.31)
SLC02	0.2 (5.6)	7.0 (3.1)	10	65 (30)	500 (227)	400 (181)	N/A	N/A
SRIL02				70 (32)			0.09 (2.55)	3.25 (1.48)
SLC04	0.4 (11.3)	14.0 (6.3)	10	67 (31)	1000 (454)	800 (363)	N/A	N/A
SRIL04				72 (33)			0.09 (2.55)	3.25 (1.48)
SLC08	0.8 (22.7)	28 (12.7)		85 (39)	1500 (680)	1200 (544)	N/A	N/A
SLC16	1.6 (45.3)	56 (25.4)		95 (43)	1700 (771)	1350 (612)	N/A	N/A

* Maximum throughput beside-the-press loading; includes 12' vertical lift. Rates decrease as horizontal distance increases.
 ** 35 Lbs/ Cu. Ft. Density.

Dimensions



SRL and SLC Dimensions, in. (cm)								
Model	A	B	C	D	E	F	G ¹	H
SRL01	24.4 (62)	17.2 (44)	6.25 (16)	12 (31)	1.75 (4)	6.39 (16)	11.0 (28)	4.75 (12)
SLC02	27.6 (70)	21.4 (54)	6.31 (16)		9.24 (23)			
SLC04	33.6 (85)	27.4 (70)	12.3 (31)		9.24 (23)			
SLC08	36.9 (93)	30.6 (78)	12.3 (31)		14.1 (36)			
SLC16	44.1 (112)	37.9 (96)	19.5 (50)		14.1 (36)			
SRIL01	27.4 (70)	N/A	16.6 (42)	4.0 (10)	1.75 (4)	6.39 (16)	2.57 (7)	2.12 (5)
SRIL02	35.4 (90)	N/A	20.3 (52)	7.0 (18)	3.0 (8)	9.24 (23)	5.5 (14)	3.0 (8)
SRIL04	41.3 (105)	N/A	25.9 (66)			9.24 (23)		

1) SRL Flange: 1/4" (6.3 mm) dia. holes; 6 equally spaced.
 SLC Flange: 0.312" (7.9 mm) dia. holes; 12 equally spaced.
 SRIL Flange: 0.281" (7.1 mm) dia. holes; 4 places.