



SRL, SLC AND SRIL HOPPER LOADERS

SRL, SLC and SRIL loaders are used to convey material into the processing machine from storage containers or from nearby storage containers. The SRL01 is used for virgin material and clean additives only. The SLC02-16 models can be used to convey virgin and regrind materials. The modular design allows these units to be economically reconfigured to accommodate future production requirements. 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.



SLC Hopper Loader

STANDARD FEATURES

- Brushed stainless steel construction with stainless steel product contact surfaces
- 3/8" high flow blowback valve with electrical quick disconnect
- Accumulator tank on SLC02/04
- 1.5" OD material inlet
- Removable inlets on 0.2, 0.4, 0.8, and 1.6 cu. ft. (6, 11, 23, and 45 liter) models
- Material demand/level sensor
- Hopper-mounted junction box with 12 feet (3.6 m) of cable to a field-mounted 115/1/60 control box
- Aluminum pickup wand with ten feet (3 m) of flexible vinyl hose and two hose clamps
- 9-foot (2.7 m) power cord
- Glazed polyester reinforced flat filter
- High-performance centrifugal motor with electrical quick disconnect (optional)
- Series One Plus models include a proximity level sensor for volume filling, built-in proportioning, control capacity, and a batch counter; RPV available separately

OPTIONAL FEATURES

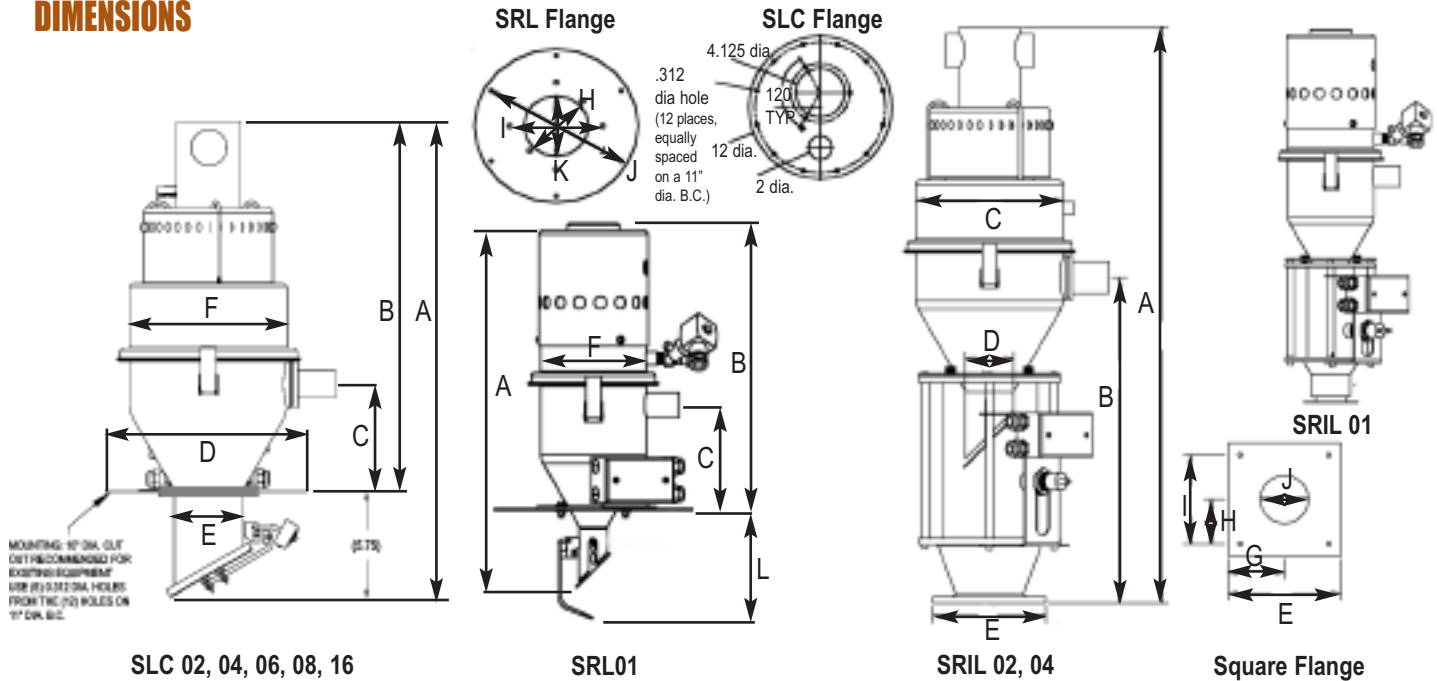
- 230/1/50 or 230/1/60
- Series One Plus Controller (not available on SRL01 model. This option is required when RPV proportioning valve is used)
- High-temperature (400° F) silicone discharge throat gasket (available for SLC style loaders only)
- White neoprene discharge throat gasket: 180°F (available for SLC style loaders only)
- Nylon filter in lieu of standard polyester - recommended for dusty, non-abrasive regrind material
- Remote proportioning valve with 1 aluminum pickup wand, 10' of flexible hose, O-ring coupler, 2 hose clamps, and cable assembly RPV connection to Series One Plus controller. 1.5" O.D. inlet/outlet tube; 115/1/60 or 230/1/60 voltage. Hopper mount is standard; wall mount or floor stand are also available
- Sight glass with proximity sensor for minimum inventory on molding machine, with square flange

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	0.1 (2.8)	3.5 (1.5)	11	50 (23)	150 (68)	N/A	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	0.2 (5.6)	7.0 (3.1)	10	70 (32)	500 (227)	400 (181)	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	0.4 (11.3)	14.0 (6.3)	11	72 (33)	1000 (454)	800 (363)	0.09 (2.55)	3.25 (1.48)
SLC08	0.8 (22)	28 (12.7)	10	75 (34)	1500 (680)	1200 (544)	N/A	N/A
SLC16	1.6 (45)	56 (25.4)	10	80 (36)	1700 (771)	1350 (612)	N/A	N/A

* Maximum throughput beside-the-press loading; includes 12' vertical lift. Rates decrease as horizontal distance increases.

DIMENSIONS



SLC 02, 04, 06, 08, 16

SRL01

SRIL 02, 04

Square Flange

SRL and SLC Dimensions, in. (cm)											
Model	A	B	C	D	E	F	H ¹	I ²	J ³	K	L
SRL01	24.625 (63)	17.16 (44)	6.375 (16)	12 (31)	1.75 (4)	6.375 (16)	5.5 (14)	6.8125 (17)	11 (28)	4.75 (12)	6.75 (17)
SLC02	24.64 (63)	18.89 (48)	5.5 (14)	12 (31)	4 (10)	9.125 (23)	N/A	N/A	11 (28)	4.75 (12)	N/A
SLC04	29.875 (76)	24.11 (61)	11.5 (29)	12 (31)	4 (10)	9.125 (23)	N/A	N/A	11 (28)	4.125 (11)	N/A
SLC08	36 (92)	30.25 (77)	10.5 (27)	12 (31)	4 (10)	14.125 (36)	N/A	N/A	11 (28)	4.125 (11)	N/A
SLC16	42.25 (107)	36.5 (93)	17.75 (45)	12 (31)	4 (10)	14.125 (36)	N/A	N/A	11 (28)	4.125 (11)	N/A

1) 5/16" (8 mm) dia. holes; 2 places, equally spaced 2) 5/18" (7 mm) dia. holes; 4 places equally spaced 3) 1/4" (6.3 mm) dia. holes; 6 places equally spaced (J is standard pattern)

SRIL Dimensions, in. (cm)									
Model	A	B	C	D	E	G	H	I ⁴	J
SRIL01	27.625 (70)	17 (43)	6.375 (16)	1.75 (4)	4 (10)	2 (5)	1.25 (3)	2.5 (6)	2 (5)
SRIL02	35.25 (90)	19.5 (50)	9.125 (23)	3 (8)	7 (18)	3.5 (9)	2.75 (7)	5.5 (14)	3 (8)
SRIL04	41.25 (105)	25.75 (65)	9.125 (23)	3 (8)	7 (18)	3.5 (9)	2.75 (7)	5.5 (14)	3 (8)

4) 0.281" (7.1 mm) dia. holes; 4 places equally spaced