

## SH SERIES HIGH ENERGY EFFICIENCY FOR OPTIMIZED DRYING

SH Series drying hoppers are for the drying of thermoplastic pellets and regrind, as part of a drying system.

Sterling drying hoppers are designed for continuous 24-hour operation, and meet all European CE requirements.

Sterling drying hoppers are constructed of carbon steel, or stainless steel. Material and air flow have been carefully engineered for optimum drying results at high energy efficiency. The hopper is insulated into the discharge cone, preventing heat loss while serving as effective protection against accidental contact.



### Features

- Carbon steel construction
- Extra large access door
- No gaskets
- Long sight glass on door
- Insulated, with extra insulation on cone
- Machine-, floor-, or mezzanine-mount
- Slide gate
- Drain port

### Options

- Stainless steel construction
- Level sensors for material level sensing
- Rack and pinion slide gate
- Air operated discharge with material stub, less controls
- Adapter to mount SSR85/170 vacuum receiver
- Drawer magnet

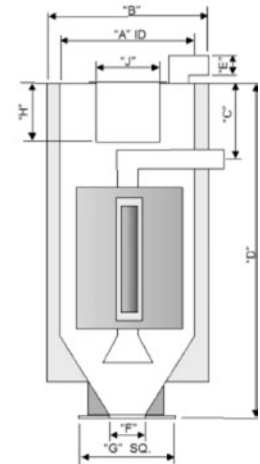


# SH SERIES

## DIMENSIONS

Model	Size, cu. ft. (l)	Weight, lbs. (kg)	A	B	C	D	E	F	G	H	J
SH12	12 (340)	420 (191)	24	28	11	68	3	3	10	9	10 1/8
SH17	17 (481)	595 (270)	24	28	11	88	3	3	10	9	10 1/8
SH23	23 (651)	805 (365)	30	34	11	81	3	3	10	9	10 1/8
SH30	30 (850)	1050 (476)	30	34	11	99	3	3	10	9	10 1/8
SH45	45 (1274)	1575 (714)	30	34	49	137	3	3	10	12	17 1/8
SH60	60 (1699)	2100 (953)	40	44	15	120	5	5	16 1/4	12	17 1/8
SH75	75 (2124)	2625 (1191)	40	44	36	141	5	5	16 1/4	12	17 1/8
SH90	90 (2549)	3150 (1429)	50	54	23	126	8	5	16 1/4	12	17 1/8
SH135	135 (3823)	4725 (2143)	50	54	52	163	8	5	16 1/4	12	17 1/8
SH180	180 (5097)	6300 (2858)	64	68	63	156	8	5	16 1/4	12	17 1/8
SH240	240 (6796)	8400 (3810)	64	68	92	185	10	5	16 1/4	12	17 1/8
SH300	300 (8495)	10,500 (4763)	74	78	75	186	10	5	16 1/4	12	17 1/8
SH425	425 (12,035)	14,875 (6747)	74	78	114	225	10	5	16 1/4	12	17 1/8

Note: All dimensions are in inches



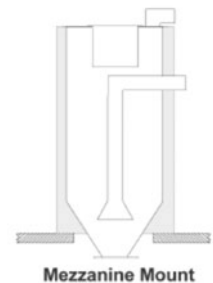
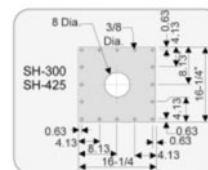
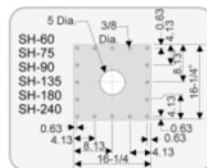
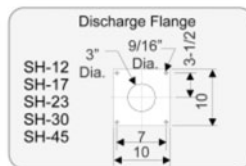
## NOTES:

To calculate full weight capacity, multiply hopper volume in cu. ft. (liters) by the bulk density in lbs. per cu. ft. (Kg/cu. m) of the material being used.

Weight shown is for insulated floor-mount models. Weights for other model configurations may vary.

To calculate maximum operating weight, calculate maximum total weight capacity and add to dry hopper weight.

To calculate maximum footpad weight, calculate the maximum operating weight and divide by 4 (number of footpads).



## BOLT PLACEMENT

Model	A	B	C	D	E	F	G
SH12	1/4-20	6	11	10-1/8	28	5/8	23
SH17	1/4-20	6	11	10-1/8	28	5/8	23
SH23	1/4-20	6	11	10-1/8	34	5/8	29
SH30	1/4-20	6	11	10-1/8	34	5/8	29
SH45	1/4-20	6	15	14-1/8	34	5/8	29
SH60	1/4-20	8	15	14-1/8	44	5/8	39
SH75	1/4-20	8	15	14-1/8	44	5/8	39
SH90	1/4-20	8	15	14-1/8	54	5/8	49
SH135	1/4-20	8	15	14-1/8	54	5/8	49
SH180	1/4-20	8	15	14-1/8	68	5/8	63
SH240	1/4-20	8	15	14-1/8	68	5/8	63
SH300	1/4-20	8	15	14-1/8	78	5/8	73
SH425	1/4-20	8	15	14-1/8	78	5/8	73

Note: All dimensions are in inches

