

## Surge Bins can be used to provide additional material storage space or integrated into a material conveying system.

SB series surge bins are sized according to their usable volume for plastic material (not “air” capacity). Each bin is constructed of rugged carbon steel, cleaned thoroughly on the inside and sandblasted/enamel painted on the outside. A full compliment of process flow accommodations are standard including hi/low sight glasses, hi/low couplings for level sensing, an inspection hatch and a 12” hole/bolt pattern for a Novatec loader or receiver.



Surge Bin Installation

- **\*Sized by Useable Volume**  
Volume based on volume plastic material will fill...not “air” capacity.
- **Rugged Construction**  
Carbon steel with interior cleaned and exterior enamel finish.
- **Convenient Standard Features**
  - Hi/low 4’ diameter sight glasses
  - Hi/low 1.25” NPT couplings for level sensing
  - Lifting lugs for easy installation
  - 12” x 12” discharge opening
  - 20” discharge clearance
  - 9” x 12” inspection hatch
  - 12” dia. hole to mount Novatec loader
- **Ready for Loading**  
Standard 12” bolt hole pattern accommodates a Novatec loader or receiver up to 500 lb./hr. maximum.

# Specifications

Volume		Model		L x W x H	
		Standard 60 Degree	45 Degree Hopper	in.	cm
Ft <sup>3</sup>	Liters				
100	2830	SB-100		54 x 54 x 106	137 X 137 X 269
			SB-100-F	54 x 54 x 96	137 X 137 X 244
115	3255	SB-115		54 x 54 x 121	137 X 137 X 307
			SB-115-F	54 x 54 x 111	137 X 137 X 282
140	3965	SB-140		72 x72 x 111	183 X 183 X 282
			SB-140-F	72 x72 x 98	183 X 183 X 249
165	4672	SB-165		72 x72 x 121	183 X 183 X 307
			SB-165-F	72 x72 x 108	183 X 183 X 274
180	5100	SB-180		72 x72 x 130	183 X 183 X 330
			SB-180-F	72 x72 x 117	183 X 183 X 297
207	5860	SB-207		72 x72 x 140	183 X 183 X 356
			SB-207-F	72 x72 x 127	183 X 183 X 323
235	6655	SB-235		72 x72 x 151.5	183 X 183 X 385
			SB-235-F	72 x72 x 135	183 X 183 X 343
275	7790	SB-275		84 x 84 x 145	213 X 213 X 368
			SB-275-F	84 x 84 x 129	213 X 213 X 328
321	9090	SB-321		84 x 84 x 160	213 X 213 X 406
			SB-321-F	84 x 84 x 144	213 X 213 X 366
370	10480	SB-370		84 x 84 x 174	213 X 213 X 442
			SB-370-F	84 x 84 x 158	213 X 213 X 401
410	11610	SB-410		84 x 84 x 188	213 X 213 X 478
			SB-410-F	84 x 84 x 172	213 X 213 X 437
460	13025	SB-460		84 x 84 x 203	213 X 213 X 516
			SB-460-F	84 x 84 x 187	213 X 213 X 475

## Accessories:

(Show as separate line item on order – shipped separately. See Price list # 400)

### Discharge Gates:

- 12" (305 mm) Manual Slide Gate Part # SBDG-M-NV
- 12" (305 mm) Rack & Pinion Slide Gate Part # SBDG-RP-NV

### AL take-off Boxes: (Aluminum)

- Single Position Part # SBT-1-NV
- Two Position Part # SBT-2-NV
- Four Position Part # SBT-4-NV
- Nine Position Part # SBT-9-NV

### Drain Stub w/ Butterfly Valve:

- For 60° Standard Models Part # DSB-60-NV
- For 45° - F Models Part # DSB-45-NV

### Clear Epoxy Coating:

- For models SB-100 through SB-235 Part # SBEP-1-NV
- For models SB-275 through SB-460 Part # SBEP-2-NV

### Take-Off Box Probes: (Aluminum)

- 1.5" (38mm) Part # avpal-15
- 2.0" (50mm) Part # avpal-20
- 2.5" (64mm) Part # avpal-25
- 3.0" (76mm) Part # avpal-30
- 4.0" (100mm) Part # avpal-40

### Leg Extensions:

- 40" Addition Part # SBLE-40-NV
- 60" Addition Part # SBLE-60-NV