



Surge Bins

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

These bins are ideal for bulk storage of plastic resins prior to processing. They can be fitted with receivers or loaders and take-off boxes.



Surge Bin Installation

*Sized by Usable Volume

Volume based on volume plastic material will fill...not "air" capacity.

Rugged Construction

Carbon steel with interior cleaned and exterior enamel finish.

40° or 60° Cone Bottom

To accommodate pellets and many regrinds.

Ready for Loading

Standard 12" bolt hole pattern accommodates a Novatec loader or receiver up to 500 lb/hr maximum.

Plus

- › 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
- › 1-Year Warranty

Specifications:

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

Accessories:

Discharge Gates:

12" (305 mm)

Manual carbon steel slide gate

Manual stainless steel slide gate

Carbon steel rack and pinion slide gate

(Stainless steel contact points)

Stainless steel rack and pinion slide gate

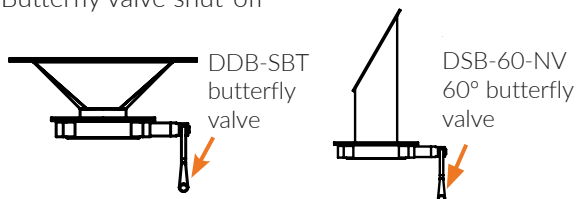
(All stainless steel components)

Drain w/ Butterfly Valve:

60° Surge Bin Mount

45° Surge Bin Mount

Discharge drain for surge bin take-off with
4" Butterfly valve shut-off



Leg Extensions:

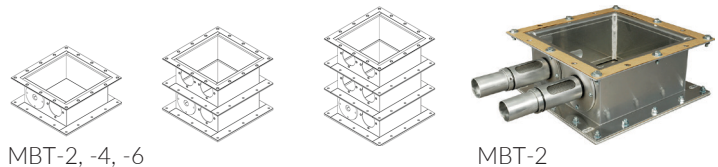
Adds 42", 60" or 72" to 20" discharge clearance

Discharge Tube Extension: 20" or 32"

Clear Epoxy Coating: SB-100 through SB-460 Take-off Boxes (Aluminum):

Up to 2, 4, or 6 position for 1.5" - 3" O.D. probes

*Up to 1, 2 or 4 position for 4" O.D. probes



Take-Off Box Probes: (Aluminum):

1.5" (38mm)

2.0" (50mm)

2.5" (64mm)

3.0" (76mm)

* 4.0" (100mm) - Take-off box for 4" probes required



Material probes
with adjustable air flow,
1.5" - 4" O.D.

Aluminum In-line Air Adjustment Probes:

1.5" to 3" (Increases air to material ratio; recommended
for long distance, high vacuum conveying).

Alarm Horn and Light Kits: Multiple versions