

Exclusive, expandable and easy-to-assemble design offers new advantages to processors.

MSB Series Surge Bins provide expandable material storage space and can be integrated into a central conveying system.



Basic Surge Bin Can Be Easily Expanded

Modular extensions, either 12" or 24" high, can be added to an MSB-30 surge bin to increase volume by 20 or 40 ft³.

Cost Effective

MSB Surge Bins are the best material storage value on the market.

Fast Shipment

Can be shipped in 1 to 2 weeks.

60° Cone Bottom is Standard

To accommodate pellets and many regrinds.

Rugged Construction

Carbon steel with powder coat painted finish inside and outside.

Ready for Loading

Accommodates a loader or receiver up to 3 ft³ capacity. (Adapter plate may be required for specific bolt hole patterns)

Sized by Useable Volume

Size based on volume of material that can be loaded practically – not air capacity.

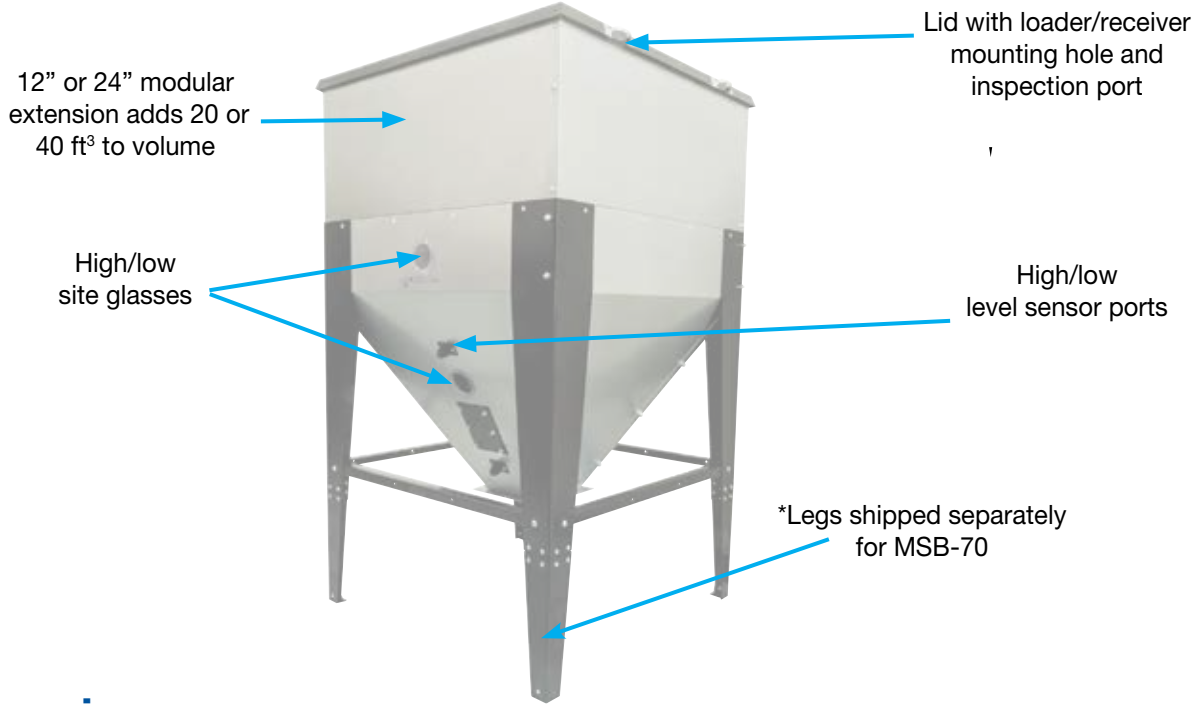
Plus:

- Hi/low 4" diameter sight glasses
- Hi/low 1.25" NPT couplings for level sensing
- 12" x 12" discharge opening
- 20" discharge clearance
- 12" x 9" inspection hatch
- 12" dia. hole to mount loader

Specifications:

Volume		Model Standard 60°	L x W x H	
Ft ³	Liters		in.	cm
30	850	MSB-30	54 x 54 x 70	137 X 137 X 178
50	1415	MSB-50	54 x 54 x 82	137 X 137 X 208
70*	1980	MSB-70	54 x 54 x 94	137 X 137 X 240

*MSB-70: 21" legs are shipped separately with installation hardware to avoid extra freight charges due to height.



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

Discharge Gates: 12" (305 mm)

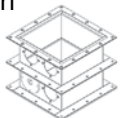
- Manual Carbon Steel Slide Gate
- Manual Stainless Steel Slide Gate
- Carbon Steel Rack & Pinion Slide Gate
(Stainless Steel Contact Points)
- Stainless Steel Rack & Pinion Slide Gate
(All stainless Steel Components)

AL Take-off Boxes: (Aluminum)

- For 1.5" to 3" take-off probes
- Single or Two Position
- Four Position
- Six Position



MBT-2
6.5" high



MBT-4
12.75" high



MBT-6
19" high



MBT-2

Take-off Box Probes: (Aluminum)

- 1.5" (38mm)
- 2.0" (50mm)
- 2.5" (64mm)
- 3.0" (76mm)



Material Probes
with adjustable air flow,
1.5" -3" O.D.

Modular Body Extension:

- 12" High (20 cu. ft.) for MSB-30
- 24" High (40 cu. ft.) for MSB-30

Leg Extensions:

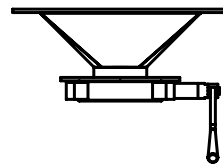
- For 12", 40", 60" or 72" additional clearance
(Welded, one piece construction. Bolted to MSB at destination)

Drain with 4" Butterfly Valve Shut-off:

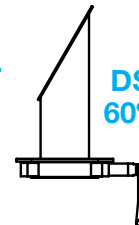
- Surge bin cone mount (discharge tube)

Discharge Tube Extension: 20" or 32"

Take-off Box Mount: (Cone transition)



DDB-SBT
Butterfly
Valve



DSB-60-NV
60° Butterfly
Valve

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