ENSIGN EQUIPMENT

MATERIAL STORAGE BINS

SMART SOLUTIONS TO KEEP YOU MOVING!

Ensign's material storage bins, also known as surge bins or day bins, are an economical in-plant storage solution for almost any material handling system.

Ranging in sizes from 25 cubic feet capacity to 600 cubic feet capacity, Ensign can provide in-plant storage bins to receive material from silos, rail unloading systems or gravity fill methods such as screw conveyors or dumpers.

When you're ready to move material to the point-of-use, you can use our industry stand-ard vacuum components or gravity discharge into Gaylords or Porta-Stors.

Whatever your process requirements, we look forward to providing a smart solution for you!

Key features:

- Fill using hydraulic box dumpers, screw conveyor or vacuum systems
- Industry standard or custom discharge flanges
- Adaptable to almost any vacuum or gravity discharge process
- Weigh systems (available)
- Level control (available)
- Custom platforms, ladders & hand rails (available)
- Many more features and options available
- Industry leading two year warranty on all parts and workmanship

See back page for additional options and specifications.

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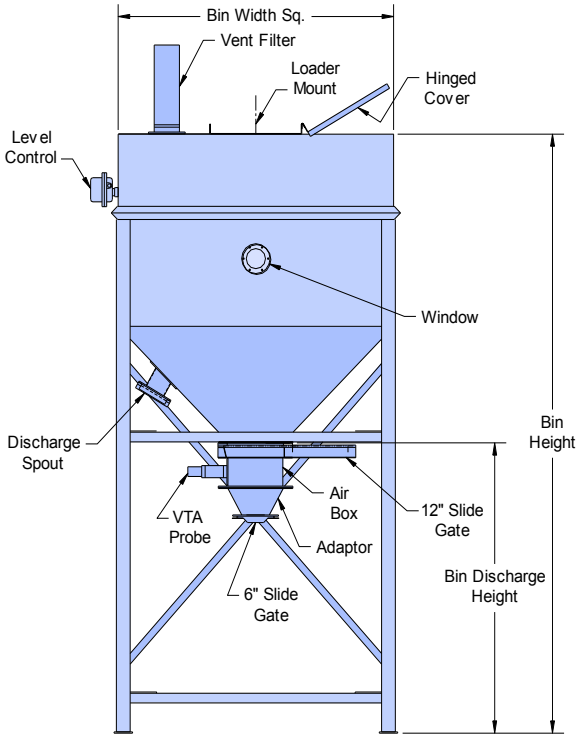
Material Storage Bins

Standard Features:

- Heavy duty steel construction
- Loader mounting pattern
- 1/3 hinged cover
- Industry standard discharge flange
- Bolt down foot pads
- Ensign Blue Epoxy

Optional Features:

- Stainless steel construction
- Weigh systems
- Level control
- Vacuum take-away boxes (VTA's)
- Screw conveyor take-away
- Vent filter
- Work platforms & ladders
- Slide gates
- Special discharge flanges
- View window



Capacity (level full)	Weight (Lbs—Max)	L x W	Slope	Model	Discharge Height	Overall Height	Model	Discharge Height	Overall Height
38 cu ft	1900	48"x48"	45 deg	**44-4500**	18"	4'9"	**44-8500 ***	60"	8'3"
54 cu ft	2700	48"x48"	45 deg	**44-4600**	18"	5'9"	**44-8600 ***	60"	9'3"
70 cu ft	3500	48"x48"	45 deg	**44-4800**	18"	6'9"	**44-8800 ***	60"	10'3"
70 cu ft	3500	60"x60"	45 deg	**45-4500**	18"	5'6"	**45-5500**	60"	9'0"
95 cu ft	4750	60"x60"	45 deg	**45-4600**	18"	6'6"	**45-5600**	60"	10'0"
145 cu ft	7250	60"x60"	45 deg	**45-4800**	18"	8'6"	**45-5800**	60"	12'0"
195 cu ft	9750	60"x60"	45 deg	**45-4900**	18"	10'6"	**45-5900**	60"	14'0"
192 cu ft	9600	72"x72"	45 deg	**46-4800**	18"	8'4"	**46-5800**	60"	11'10"
264 cu ft	13,200	72"x72"	45 deg	**46-4900**	18"	10'4"	**46-5900**	60"	13'10"
318 cu ft	15,900	72"x72"	45 deg	**46-4950**	18"	11'10"	**46-5950**	60"	15'4"
400 cu ft	20,000	96"x90"	45 deg	**48-4500**	18"	10'4"	**48-5500**	60"	13'10"
47 cu ft	2350	48"x48"	60 deg	**44-6500**	18"	5'11"	**44-9500 ***	60"	9'5"
63 cu ft	3150	48"x48"	60 deg	**44-6600**	18"	6'11"	**44-9600 ***	60"	10'5"
82 cu ft	3750	60"x60"	60 deg	**45-6600**	18"	6'10"	**45-7600**	60"	10'4"
132 cu ft	6250	60"x60"	60 deg	**45-6800**	18"	8'10"	**45-7800**	60"	12'4"
182 cu ft	8750	60"x60"	60 deg	**45-6900**	18"	10'10"	**45-7900**	60"	14'4"
164 cu ft	8100	72"x72"	60 deg	**46-6800**	18"	8'9"	**46-7800**	60"	12'3"
236 cu ft	11,700	72"x72"	60 deg	**46-6900**	18"	10'9"	**46-7900**	60"	14'3"
300 cu ft	15,000	72"x72"	60 deg	**46-6950**	18"	12'7"	**46-7950**	60"	16'0"
400cu ft	20,000	96"x90"	60 deg	**48-6600**	18"	12'0"	**48-7800**	60"	15'6"

* Front legs spread to 48" wide for Gaylord clearance

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