

Big J – Jumbo™ Steel Elevator Buckets

Seamless Steel ‘CC’ Style Agricultural Elevator Bucket

OVERVIEW

A North American grain CC style bucket made from deep drawn solid steel without any welds. The wingless design delivers lighter weight than fabricated equivalents with closer vertical spacing possible.

MATERIAL

- ▶ Seamless Steel or Stainless Steel

TEMPERATURE RANGE

- ▶ Contact 4B

FEATURES

- ▶ Pressed Steel – No Seams to Hold Residue
- ▶ Interchangeable With CC Style Buckets
- ▶ Compound Curve Delivers Smooth Discharge
- ▶ Wingless Design Allows for Closer Spacing

APPLICATIONS

- ▶ Grain, Feed, Seed, Pellets, Powders, Chemicals and Other Granular Products

ACCESSORIES

- ▶ Elevator Bolts, Washers & Nuts
- ▶ Belting - Rubber, PVC, Steel Web
- ▶ Belt Fasteners / Splices
- ▶ Pulley Lagging



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BETTER BY DESIGN

TECHNICAL SPECIFICATIONS

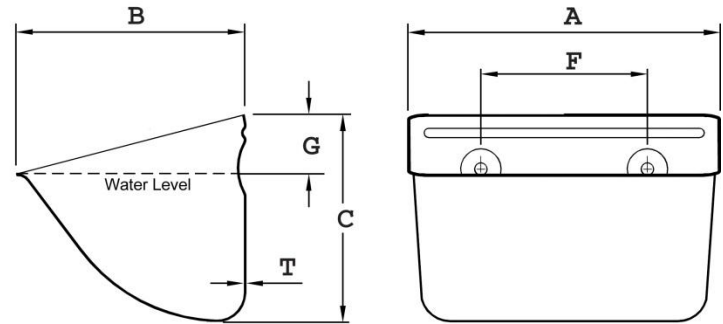
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FREE

Elevator & Conveyor Engineering Design Service

Take advantage of 4B's free, guaranteed worldwide technical support service from a team of material handling engineers specializing in the design and upgrade of bucket elevators and conveyors.

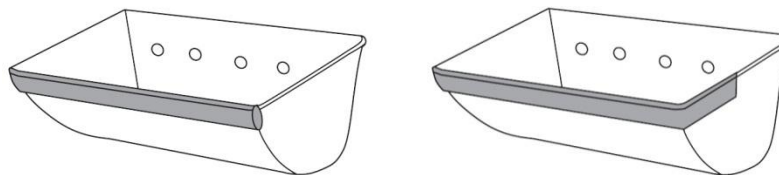
Whether you want a new elevator design, or just want to increase the capacity and performance of your existing elevator, our engineers can help.



Nominal Size (in.)	Part #	Dimension (in.)				Standard Punching (in.)				Capacity (cu. in.)		Minimum Spacing (in.)	Weight (lbs.)
		Length A	Projection B	Back Depth C	Thickness T	# Holes	Bolt Size	Hole Center F	Dist. Down G	Water Level	Water Level +10%		
6 x 4	JS064	6-1/4	4-1/4	3-7/8	18	2	1/4	4-3/8 - 4-1/2	1-1/4	47	52	4-1/2	1.00
7 x 5	JS075	7-1/4	5-3/8	4-3/4	16	3	1/4	2-11/16	1-1/2	76	83	5-1/2	1.50
8 x 5	JS085	8-1/4	5-3/8	4-3/4	16	3	1/4	3-1/16	1-1/2	97	107	5-1/2	1.80
9 x 5	JS095	9-1/4	5-3/8	4-3/4	16	3	1/4	3-1/2 - 3-5/8	1-1/2	99	109	5-1/2	2.10
9 x 6	JS096	9-1/4	6-5/16	6-1/16	16	3	5/16	3-1/2 - 3-5/8	1-7/8	137	151	6-1/2	3.50
10 x 6	JS106	10-5/16	6-3/8	6-1/16	14	3	5/16	4 - 4-1/8	1-7/8	157	173	6-1/2	3.85
11 x 6	JS116	11-5/16	6-3/8	6-1/16	14	4	5/16	3 - 3-1/8	1-7/8	180	198	6-1/2	4.00
12 x 6	JS126	12-5/16	6-3/8	6-1/16	14	4	5/16	3-3/8	1-7/8	191	210	6-1/2	4.50
11 x 7	JS117	11-7/16	7-1/2	6-3/4	14	4	5/16	3 - 3-1/8	2	244	268	7-1/2	4.85
12 x 7	JS127	12-7/16	7-1/2	6-3/4	14	4	5/16	3-3/8	2	265	292	7-1/2	5.00
14 x 7	JS147	14-7/16	7-1/2	6-3/4	14	4 or 5	3/8	4@4 - 5@3	2	303	333	7-1/2	6.00
16 x 7	JS167	16-7/16	7-1/2	6-3/4	14	6	5/16	2-7/8	2	346	381	7-1/2	6.75
14 x 8	JS148	14-1/4	8-1/4	8	14	4 or 5	5/16	4@4 - 5@3	2-1/4	388	427	8-1/2	6.50
16 x 8	JS168	16-1/4	8-1/4	8	14	6	5/16	2-7/8	2-1/4	443	487	8-1/2	7.50

- All Sizes Have Recessed Bolt Holes

Front Wear Bands Available



Formula for Quick Capacity Estimate

$$* \text{ Cu Ft/Hr} = \frac{\text{** bucket capacity (in3)}}{1728} \times \frac{12}{\text{bucket spacing (in)}} \times \text{Belt Speed (ft/min)} \times 60$$

** Elevator production calculated with the bucket usable capacity figure. However, actual capacity depends on the material being elevated and on the elevator belt speed/pulley diameter and head/intake design.