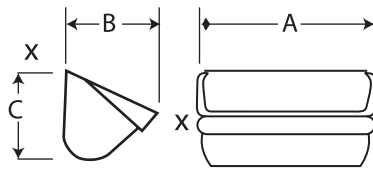


Buckets and Chain

Style AA

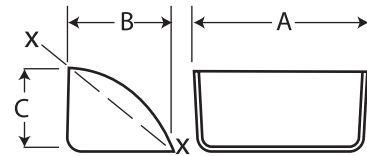
Ductile iron buckets for general use with most types of relatively free flowing material in centrifugal discharge elevators. Can be mounted on chain or belt and furnished in various plastic materials.



Bucket Size			Weight Lbs.	Capacity cu. ft. X-X
A	B	C		
4	2 $\frac{1}{4}$	3	1.0	.01
6	4	4 $\frac{1}{4}$	2.7	.03
8	5	5 $\frac{1}{2}$	4.8	.07
10	6	6 $\frac{1}{4}$	7.7	.12
12	7	7 $\frac{1}{4}$	12.0	.19
14	7	7 $\frac{1}{4}$	13.9	.23
16	8	8 $\frac{1}{2}$	21.8	.34

Style C

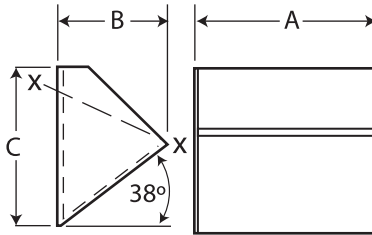
Fabricated buckets are used in centrifugal discharge elevators to handle materials that tend to pack or stick, such as sugar, clay, salt or wet grains.



Bucket Size			Weight Lbs.	Capacity cu. ft. X-X
A	B	C		
6	4 $\frac{1}{2}$	4	2.0	.026
8	4 $\frac{1}{2}$	4	2.8	.035
10	5	4	4.0	.052
12	5	4	4.8	.061
14	7	5 $\frac{1}{2}$	8.5	.138
16	7	5 $\frac{1}{2}$	10.5	.158

Continuous

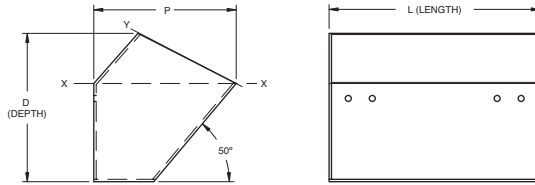
Medium front non-overlapping fabricated steel buckets are used in continuous discharge elevators for general service. Heavier gauges should be used when handling abrasive materials. Available fabricated from various materials. High front continuous buckets are available also. Plastic buckets available in most sizes.



Bucket Size			Weight Lbs.				Capacity cu. ft. X-X
A	B	C	12 Ga.	10 Ga.	$\frac{3}{16}$ "	$\frac{1}{4}$ "	
8	5	7 $\frac{1}{4}$	5.1	6.3	8.7	—	.070
10	5	7 $\frac{1}{4}$	5.9	7.4	10.2	—	.090
10	7	11 $\frac{1}{8}$	9.3	11.9	16.5	—	.180
12	7	11 $\frac{1}{8}$	10.4	13.4	18.6	—	.218
14	7	11 $\frac{1}{8}$	11.6	14.9	20.7	—	.253
12	8	11 $\frac{1}{8}$	11.2	14.4	20.0	26.1	.275
14	8	11 $\frac{1}{8}$	12.4	16.0	22.2	29.1	.325
16	8	11 $\frac{1}{8}$	13.7	17.6	24.5	32.0	.375
18	8	11 $\frac{1}{8}$	14.9	19.2	26.7	35.0	.420

AC Welded Steel

High front for greater capacity. Hooded back for closer spacing. Typical in cement, gypsum powder or other powdery materials. Venting available for clean filling and discharge. Mounted on chain or belt.

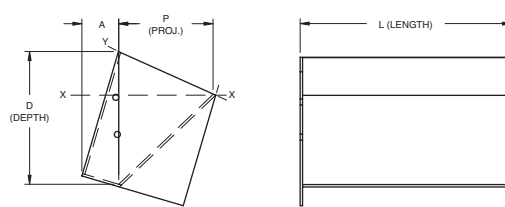


*Weights do not include bolt reinforcing plates. Bolt reinforcing plates are recommended if less than 8 bolts are used. Vent holes in bottom are optional in style "AC" buckets.

Bucket Size, Inches			Weight		Cap. Cu. Feet [^]	
L Length	P Proj.	D Depth	3/16" Steel	1/4" Steel	Filled to Line X-X	Filled to Line X-Y
12	8	8 $\frac{1}{2}$	18.25	24.30	.231	.303
14	8	8 $\frac{1}{2}$	20.30	27.00	.271	.356
16	8	8 $\frac{1}{2}$	22.48	29.98	.311	.408
18	10	10 $\frac{1}{2}$	31.15	38.95	.488	.691
20	10	10 $\frac{1}{2}$	33.68	42.10	.542	.768
24	10	10 $\frac{1}{2}$	39.67	52.69	.651	.921
27	12	12 $\frac{1}{2}$	53.84	71.46	1.072	1.474

SC Welded Steel

Mounted between two strands of chain. Suitable for the heaviest materials. Designed for super capacity elevators. Typical in asphalt and concrete applications. Design offers increased capacity.



*Note: Actual capacity depends on angle of repose of material handled and inclination of elevator.

Bucket Size, Inches				Weight				Cap. Cu. Feet [^]	
L Length	P Proj.	D Depth	A Inches	10 Gauge Steel	3/16" Steel	1/4" Steel	5/16" Steel	Filled to Line X-X	Filled to Line X-Y
12	8 $\frac{1}{4}$	11 $\frac{1}{8}$	4 $\frac{1}{16}$	22	29	39	49	.35	.54
14	8 $\frac{1}{4}$	11 $\frac{1}{8}$	4 $\frac{1}{16}$	23	31	41	51	.41	.63
16	8 $\frac{1}{4}$	11 $\frac{1}{8}$	4 $\frac{1}{16}$	25	34	45	56	.46	.72
16	12	17 $\frac{1}{8}$	6 $\frac{1}{2}$	43	58	76	95	1.11	1.55
18	8 $\frac{1}{4}$	11 $\frac{1}{8}$	4 $\frac{1}{16}$	27	36	48	60	.52	.81
20	8 $\frac{1}{4}$	11 $\frac{1}{8}$	4 $\frac{1}{16}$	29	39	52	65	.58	.90
20	12	17 $\frac{1}{8}$	6 $\frac{1}{2}$	49	67	88	110	1.40	1.94
24	12	17 $\frac{1}{8}$	6 $\frac{1}{2}$	55	75	104	130	1.68	2.33
30	12	17 $\frac{1}{8}$	6 $\frac{1}{2}$	65	88	117	146	2.11	2.91
36	12	17 $\frac{1}{8}$	6 $\frac{1}{2}$	73	99	132	165	2.53	3.49

Chain

Combination chains, C-, have cast block links and steel connecting side bars. All steel (steel knuckle), SS, are fabricated of steel. Attachments are available either on the connecting side bars or block link.

Chain No.	Pitch in Inches	Average Ultimate Strength Lbs.	Rated Working Value Lbs.	Wt. Per Ft. Lbs Attachment Every Other Pitch	Attachment Number	Dimension in Inches		
						Pin Diameter	Side Bar	Barrel or Knuckle Dia.
C-977	2.308	11,000	1830	2.2	K-1	$\frac{7}{16}$	$\frac{3}{16} \times \frac{7}{8}$	$\frac{7}{8}$
C-188	2.609	14,000	1950	4.8	K-2	$\frac{1}{2}$	$\frac{1}{4} \times 1\frac{1}{8}$	$\frac{7}{8}$
C-102B	4.0	24,000	4000	7.8	K-2	$\frac{5}{8}$	$\frac{3}{8} \times 1\frac{1}{2}$	1 $\frac{1}{32}$
C-110	6.0	24,000	4000	7.3	K-2	$\frac{5}{8}$	$\frac{3}{8} \times 1\frac{1}{2}$	1 $\frac{1}{16}$
C-111	4.76	36,000	5,950	10.7	K-2	$\frac{3}{4}$	$\frac{3}{8} \times 1\frac{3}{4}$	1 $\frac{15}{32}$
SS-102B	4.0	40,000	6,290	9.0	K-2	$\frac{5}{8}$	$\frac{3}{8} \times 1\frac{1}{2}$	1
SS-110	6.0	40,000	6,290	8.6	K-2	$\frac{5}{8}$	$\frac{3}{8} \times 1\frac{1}{2}$	1 $\frac{1}{4}$

NOTE: All dimensions are inside to inside of bucket.