

MAXI-LIFT



AGRICULTURAL ELEVATOR BUCKETS

UPGRADE TO THE TOUGHEST
ELEVATOR BUCKETS

- **TIGER-TUFF**
MAXIMUM DUTY
- **TIGER-CC**
MAXIMUM DUTY
- **HD-MAX**
HEAVY DUTY
- **HD-STAX**
STACKABLE
- **CC-MAX**
HEAVY DUTY
- **DURA-BUKET**
STANDARD DUTY



TIGER-TUFF® MAXIMUM DUTY

High Speed Centrifugal Discharge 210 - 900 FPM

THE MAXI-LIFT TIGER-TUFF



TIGER-TUFF
MAXIMUM DUTY ELEVATOR BUCKETS®

UPGRADE TO THE TOUGHEST ELEVATOR BUCKET

RUGGED, RESILIENT, RELIABLE:
WHEN YOU DON'T HAVE TIME FOR DOWN-TIME

DESIGNED FOR THE TOUGHEST APPLICATIONS:
PORT FACILITIES, RIVER TERMINALS, ETHANOL
AND PROCESSING PLANTS

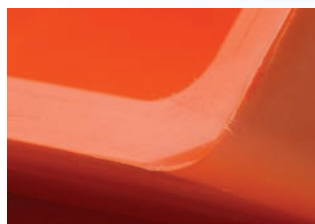
ENGINEERED FOR ULTIMATE RELIABILITY:
THE THICKEST FRONT LIP AND CORNERS GIVE
LONGEST BUCKET LIFE



® The color orange, as applied to buckets, is a registered trademark of Maxi-Lift, Inc.

FEATURES & BENEFITS

- Thicker Corners
- Thicker Walls, Heavy Front Lip for Digging
- Cleaner Discharge
- High Impact & Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Extends Bucket Life
- Increases Elevator Capacity
- Lowers Elevator Maintenance
- Decreases Elevator Down Time



Heavy Front Lip



Reinforced Corners



Thick Back Wall



Maximum Duty Design

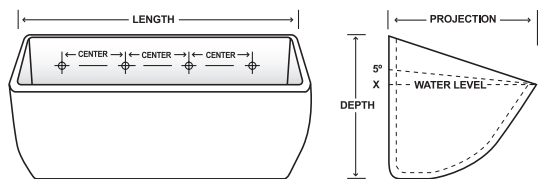
TIGER-TUFF® MAXIMUM DUTY

On Location / Installation



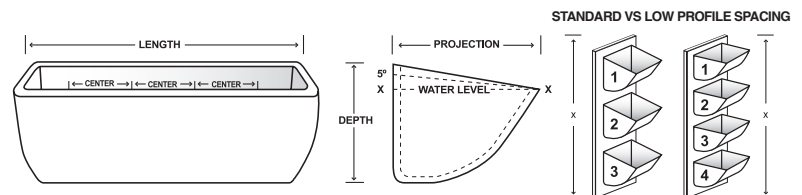
TIGER-TUFF® STANDARD PROFILE

The **TIGER-TUFF** is the original maximum duty elevator bucket, designed and engineered to increase bucket life and reduce breakage. This will reduce down time and lower maintenance costs. The **TIGER-TUFF** bucket has the thickest lip, back wall and corners to extend the life of the bucket. The most common applications include grain, fertilizers, pellets, corn, wheat, soybeans and other agricultural and light industrial applications. This is the best bucket for high volume applications. Minimum spacing is nominal projection plus (+) 1".



TIGER-TUFF® LOW PROFILE

The **TIGER-TUFF Low Profile** has all of the benefits of the original **TIGER-TUFF** bucket, with a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to **TIGER-TUFF Low Profile** buckets, horsepower requirements must be evaluated due to increased capacity. Low profile spacing is projection minus (-) 1".



AVAILABLE MATERIALS

	POLYETHYLENE	NYLON	URETHANE	FDA NYLON
Color	 Orange	 Tan	 Green	 White
Application	Grain & Food Products	Hot, high impact, abrasive dense products	Heavy abrasion, sticky materials	Hot, high impact, abrasive food grade products
Temperature Range	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F (350° F Intermittent)	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F
FDA Approved Material	Yes	No	Yes	Yes
Comments	Economical, high density polyethylene. FDA approved material for handling food grade products.	Best for high heat applications, with tough impact and abrasion needs.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Best for high heat food grade applications, with tough impact and abrasion needs.

APPLICATIONS



FOOD
Barley, Beans, Corn, Cotton Seed, Coffee, Flour, Grains, Nuts, Rice, Sunflower, Oats, Salt, Sugar, Wheat, etc.



FEED
Bone Meal, Pellets, Meat Scrap, etc.



OTHER
Seeds, Grass Seed, Fertilizer, Perlite, Potash, Sawdust, Minerals, etc.

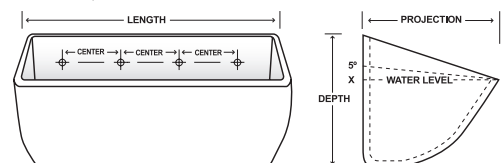
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TIGER-TUFF® MAXIMUM DUTY

Standard Profile: Polyethylene



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MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

TIGER-TUFF® Maximum Duty: Polyethylene

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Water Level	Usable 5 Deg.	Std Spacing
	in.	mm	in.	mm	in.	mm									
6 x 5	6-5/8	168	5-3/4	146	5	127	0.33	4-3/8	2	1/4	1-5/8	0.94	67.20	73.98	6
7 x 5	7-5/8	194	5-3/4	146	5	127	0.33	2-11/16	3	1/4	1-5/8	1.10	79.72	89.24	6
8 x 5	8-5/8	219	5-3/4	146	5	127	0.33	3-1/16	3	1/4	1-5/8	1.25	88.54	97.98	6
9 x 5	9-5/8	244	5-3/4	146	5	127	0.33	3-5/8	3	1/4	1-5/8	1.41	107.37	121.27	6
10 x 5	10-5/8	270	5-3/4	146	5	127	0.33	4-1/8	3	1/4	1-5/8	1.57	121.30	138.89	6
11 x 5	11-5/8	295	5-3/4	146	5	127	0.33	3	4	1/4	1-5/8	1.72	140.70	153.16	6
12 x 5	12-5/8	321	5-3/4	146	5	127	0.33	3-3/8	4	1/4	1-5/8	1.88	159.87	167.14	6
8 x 6	8-5/8	219	6-7/8	175	6	152	0.40	3-1/16	3	1/4	1-5/8	1.82	135.56	150.85	7
9 x 6	9-5/8	244	6-7/8	175	6	152	0.40	3-5/8	3	1/4	1-5/8	1.97	150.26	165.87	7
10 x 6	10-5/8	270	6-7/8	175	6	152	0.40	4-1/8	3	1/4	1-5/8	2.13	170.69	185.62	7
11 x 6	11-5/8	295	6-7/8	175	6	152	0.40	3	4	1/4	1-5/8	2.29	185.18	200.36	7
12 x 6	12-5/8	321	6-7/8	175	6	152	0.40	3-3/8	4	1/4	1-5/8	2.44	200.37	220.58	7
13 x 6	13-5/8	346	6-7/8	175	6	152	0.40	3-5/8	4	1/4	1-5/8	2.60	220.78	240.48	7
12 x 7	12-7/8	327	7-7/8	200	7	178	0.42	3-3/8	4	5/16	2	3.60	269.24	298.12	8
13 x 7	13-7/8	352	7-7/8	200	7	178	0.42	3-5/8	4	5/16	2	3.86	292.51	323.22	8
14 x 7	14-7/8	378	7-7/8	200	7	178	0.42	3	5	5/16	2	4.14	315.77	350.58	8
15 x 7	15-7/8	403	7-7/8	200	7	178	0.42	3-1/4	5	5/16	2	4.47	346.64	383.38	8
16 x 7	16-7/8	429	7-7/8	200	7	178	0.42	2-7/8	6	5/16	2	4.68	377.41	415.14	8
11 x 8	11-7/8	302	8-7/8	225	8-1/4	210	0.50	3	4	5/16	2	4.45	340.02	374.70	9
12 x 8	12-7/8	327	8-7/8	225	8-1/4	210	0.50	3-3/8	4	5/16	2	4.71	373.00	411.05	9
13 x 8	13-7/8	352	8-7/8	225	8-1/4	210	0.50	3-5/8	4	5/16	2	4.92	404.85	446.15	9
14 x 8	14-7/8	378	8-7/8	225	8-1/4	210	0.50	3	5	5/16	2	5.30	436.80	481.35	9
16 x 8	17	432	9-1/4	235	7-5/8	194	0.50	2-7/8	6	5/16	2-1/2	5.35	512.57	566.39	9
18 x 8	19	483	9-1/4	235	7-5/8	194	0.50	3-1/8	6	5/16	2-1/2	5.89	567.49	627.08	9
20 x 8	21	533	9-1/4	235	7-5/8	194	0.50	3-1/2	6	5/16	2-1/2	6.62	646.81	714.73	9
22 x 8	23	584	9-1/4	235	8-1/4	210	0.50	4	6	5/16	2-1/2	7.85	701.90	757.40	9
24 x 8	25	635	9-1/4	235	8-1/4	210	0.50	3-1/2	7	5/16	2-1/2	8.50	763.40	831.08	9
16 x 10	17	432	11-1/4	286	10	254	0.75	2-7/8	6	5/16	2-1/2	8.87	795.70	875.37	11
18 x 10	19	483	11-1/4	286	10	254	0.75	3-1/8	6	5/16	2-1/2	9.83	910.00	1001.21	11
20 x 10	21	533	11-1/4	286	10	254	0.75	3-1/2	6	5/16	2-1/2	10.57	1032.50	1135.98	11

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order.

■ - Indicates TIGER-TUFF punch pattern differs from HD-MAX.

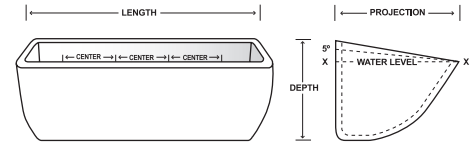
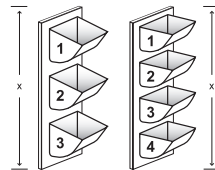
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High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-TUFF® MAXIMUM DUTY

Low Profile: Polyethylene, Nylon, Urethane



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STANDARD VS LOW PROFILE SPACING

MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

TIGER-TUFF® LOW PROFILE Maximum Duty

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.			CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Nylon	Uret	Water Level	Usable 5 Deg.	Std Spacing
	in.	mm	in.	mm	in.	mm											
6 x 5	6-5/8	-	5-3/4	-	4	102	0.33	4-3/8	2	1/4	1	0.84	-	-	67.20	73.98	4
7 x 5	7-5/8	-	5-3/4	-	4	102	0.33	2-11/16	3	1/4	1	0.98	-	-	79.72	89.24	4
8 x 5	8-5/8	-	5-3/4	-	4	102	0.33	3-1/16	3	1/4	1	1.11	-	-	88.54	97.98	4
9 x 5	9-5/8	-	5-3/4	-	4	102	0.33	3-5/8	3	1/4	1	1.25	-	-	107.37	121.27	4
10 x 5	10-5/8	-	5-3/4	-	4	102	0.33	4-1/8	3	1/4	1	1.40	-	-	121.30	138.89	4
11 x 5	11-5/8	-	5-3/4	-	4	102	0.33	3	4	1/4	1	1.53	-	-	140.70	153.16	4
12 x 5	12-5/8	-	5-3/4	-	4	102	0.33	3-3/8	4	1/4	1	1.67	-	-	159.87	167.14	4
8 x 6	8-5/8	-	6-7/8	-	5	127	0.40	3-1/16	3	1/4	1	1.64	-	-	135.56	150.85	5
9 x 6	9-5/8	-	6-7/8	-	5	127	0.40	3-5/8	3	1/4	1	1.77	-	-	150.26	165.87	5
10 x 6	10-5/8	-	6-7/8	-	5	127	0.40	4-1/8	3	1/4	1	1.92	-	-	170.69	185.62	5
11 x 6	11-5/8	-	6-7/8	-	5	127	0.40	3	4	1/4	1	2.06	-	-	185.18	200.36	5
12 x 6	12-5/8	-	6-7/8	-	5	127	0.40	3-3/8	4	1/4	1	2.20	-	-	200.37	220.58	5
13 x 6	13-5/8	-	6-7/8	-	5	127	0.40	3-5/8	4	1/4	1	2.34	-	-	220.78	240.48	5
12 x 7	12-7/8	-	7-7/8	-	5-3/4	146	0.42	3-3/8	4	5/16	1	3.24	3.55	3.98	269.24	298.12	6
13 x 7	13-7/8	-	7-7/8	-	5-3/4	146	0.42	3-5/8	4	5/16	1	3.47	3.82	4.29	292.51	323.22	6
14 x 7	14-7/8	-	7-7/8	-	5-3/4	146	0.42	3	5	5/16	1	3.73	4.07	4.56	315.77	350.58	6
15 x 7	15-7/8	-	7-7/8	-	5-3/4	146	0.42	3-1/4	5	5/16	1	4.02	4.19	4.72	346.64	383.38	6
16 x 7	16-7/8	-	7-7/8	-	5-3/4	146	0.42	2-7/8	6	5/16	1	4.21	4.32	4.84	377.41	415.14	6
11 x 8	11-7/8	-	8-7/8	-	6-3/4	171	0.50	3	4	5/16	1	4.01	4.33	5.08	340.02	374.70	7
12 x 8	12-7/8	-	8-7/8	-	6-3/4	171	0.50	3-3/8	4	5/16	1	4.24	4.58	5.45	373.00	411.05	7
13 x 8	13-7/8	-	8-7/8	-	6-3/4	171	0.50	3-5/8	4	5/16	1	4.43	4.66	5.60	404.85	446.15	7
14 x 8	14-7/8	-	8-7/8	-	6-3/4	171	0.50	3	5	5/16	1	4.77	5.02	5.99	436.80	481.35	7
16 x 8	17	-	9-1/4	-	6-3/4	171	0.50	2-7/8	6	5/16	1	4.82	5.68	-	512.57	566.39	7
18 x 8	19	-	9-1/4	-	6-3/4	171	0.50	3-1/8	6	5/16	1	5.89	6.39	-	567.49	627.08	7
20 x 8	21	-	9-1/4	-	6-3/4	171	0.50	3-1/2	6	5/16	1	6.62	6.94	-	646.81	714.73	7
22 x 8	23	-	9-1/4	-	6-3/4	171	0.50	4	6	5/16	1	7.85	8.45	-	701.90	757.40	7
24 x 8	25	-	9-1/4	-	6-3/4	171	0.50	3-1/2	7	5/16	1	8.50	9.27	-	763.40	831.08	7
16 x 10	17	-	11-1/4	-	8-1/2	216	0.75	2-7/8	6	5/16	1	8.87	9.12	-	795.70	875.37	9
18 x 10	19	-	11-1/4	-	8-1/2	216	0.75	3-1/8	6	5/16	1	9.83	10.17	-	910.00	1001.21	9
20 x 10	21	-	11-1/4	-	8-1/2	216	0.75	3-1/2	6	5/16	1	10.27	11.02	-	1032.50	1135.98	9

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order. Low profile spacing is Projection minus (-) 1 inch.

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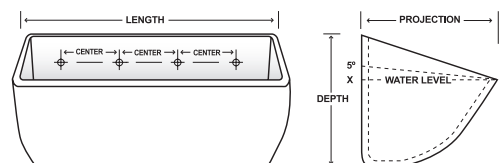
High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-TUFF® MAXIMUM DUTY

Standard Profile: Nylon



TIGER-TUFF
MAXIMUM DUTY ELEVATOR BUCKETS®



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

TIGER-TUFF® Maximum Duty: Nylon

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Nylon	Water Level	Usable 5 Deg.	Std Spacing
	in.	mm	in.	mm	in.	mm									
6 x 5	6-5/8	168	5-3/4	146	5	127	0.33	4-3/8	2	1/4	1-5/8	1.08	67.20	73.98	6
7 x 5	7-5/8	194	5-3/4	146	5	127	0.33	2-11/16	3	1/4	1-5/8	1.26	79.72	89.24	6
8 x 5	8-5/8	219	5-3/4	146	5	127	0.33	3-1/16	3	1/4	1-5/8	1.44	88.54	97.98	6
9 x 5	9-5/8	244	5-3/4	146	5	127	0.33	3-5/8	3	1/4	1-5/8	1.60	107.37	121.27	6
10 x 5	10-5/8	270	5-3/4	146	5	127	0.33	4-1/8	3	1/4	1-5/8	1.80	121.30	138.89	6
11 x 5	11-5/8	295	5-3/4	146	5	127	0.33	3	4	1/4	1-5/8	1.98	140.70	153.16	6
12 x 5	12-5/8	321	5-3/4	146	5	127	0.33	3-3/8	4	1/4	1-5/8	2.16	159.87	167.14	6
8 x 6	8-5/8	219	6-7/8	175	6	152	0.40	3-1/16	3	1/4	1-5/8	2.09	135.56	150.85	7
9 x 6	9-5/8	244	6-7/8	175	6	152	0.40	3-5/8	3	1/4	1-5/8	2.26	150.26	165.87	7
10 x 6	10-5/8	270	6-7/8	175	6	152	0.40	4-1/8	3	1/4	1-5/8	2.40	170.69	185.62	7
11 x 6	11-5/8	295	6-7/8	175	6	152	0.40	3	4	1/4	1-5/8	2.63	185.18	200.36	7
12 x 6	12-5/8	321	6-7/8	175	6	152	0.40	3-3/8	4	1/4	1-5/8	2.81	200.37	220.58	7
13 x 6	13-5/8	346	6-7/8	175	6	152	0.40	3-5/8	4	1/4	1-5/8	2.99	220.78	240.48	7
12 x 7	12-7/8	327	7-7/8	200	7	178	0.42	3-3/8	4	5/16	2	4.00	269.24	298.12	8
13 x 7	13-7/8	352	7-7/8	200	7	178	0.42	3-5/8	4	5/16	2	4.44	292.51	323.22	8
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12 x 8	12-7/8	327	8-7/8	225	8-1/4	210	0.50	3-3/8	4	5/16	2	5.10	373.00	411.05	9
13 x 8	13-7/8	352	8-7/8	225	8-1/4	210	0.50	3-5/8	4	5/16	2	5.20	404.85	446.15	9
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18 x 10	19	483	11-1/4	286	10	254	0.75	3-1/8	6	5/16	2-1/2	11.20	910.00	1001.21	11
20 x 10	21	533	11-1/4	286	10	254	0.75	3-1/2	6	5/16	2-1/2	11.95	1032.50	1135.98	11

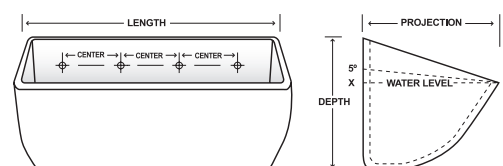
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■ - Indicates TIGER-TUFF punch pattern differs from HD-MAX.

High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-TUFF® MAXIMUM DUTY

Standard Profile: Urethane



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

TIGER-TUFF® Maximum Duty: Urethane

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Uret	Water Level	Usable 5 Deg.	Std Spacing
	in.	mm	in.	mm	in.	mm									
6 x 5	6-5/8	168	5-3/4	146	5	127	0.33	4-3/8	2	1/4	1-5/8	1.18	67.20	73.98	6
7 x 5	7-5/8	194	5-3/4	146	5	127	0.33	2-11/16	3	1/4	1-5/8	1.38	79.72	89.24	6
8 x 5	8-5/8	219	5-3/4	146	5	127	0.33	3-1/16	3	1/4	1-5/8	1.57	88.54	97.98	6
9 x 5	9-5/8	244	5-3/4	146	5	127	0.33	3-5/8	3	1/4	1-5/8	1.77	107.37	121.27	6
10 x 5	10-5/8	270	5-3/4	146	5	127	0.33	4-1/8	3	1/4	1-5/8	1.97	121.30	138.89	6
11 x 5	11-5/8	295	5-3/4	146	5	127	0.33	3	4	1/4	1-5/8	2.16	140.70	153.16	6
12 x 5	12-5/8	321	5-3/4	146	5	127	0.33	3-3/8	4	1/4	1-5/8	2.36	159.87	167.14	6
8 x 6	8-5/8	219	6-7/8	175	6	152	0.40	3-1/16	3	1/4	1-5/8	2.28	135.56	150.85	7
9 x 6	9-5/8	244	6-7/8	175	6	152	0.40	3-5/8	3	1/4	1-5/8	2.47	150.26	165.87	7
10 x 6	10-5/8	270	6-7/8	175	6	152	0.40	4-1/8	3	1/4	1-5/8	2.67	170.69	185.62	7
11 x 6	11-5/8	295	6-7/8	175	6	152	0.40	3	4	1/4	1-5/8	2.87	185.18	200.36	7
12 x 6	12-5/8	321	6-7/8	175	6	152	0.40	3-3/8	4	1/4	1-5/8	3.05	200.37	220.58	7
13 x 6	13-5/8	346	6-7/8	175	6	152	0.40	3-5/8	4	1/4	1-5/8	3.25	220.78	240.48	7
12 x 7	12-7/8	327	7-7/8	200	7	178	0.42	3-3/8	4	5/16	2	4.85	269.24	298.12	8
13 x 7	13-7/8	352	7-7/8	200	7	178	0.42	3-5/8	4	5/16	2	5.50	292.51	323.22	8
14 x 7	14-7/8	378	7-7/8	200	7	178	0.42	3	5	5/16	2	5.75	315.77	350.58	8
15 x 7	15-7/8	403	7-7/8	200	7	178	0.42	3-1/4	5	5/16	2	5.85	346.64	383.38	8
16 x 7	16-7/8	429	7-7/8	200	7	178	0.42	2-7/8	6	5/16	2	5.95	377.41	415.14	8
11 x 8	11-7/8	302	8-7/8	225	8-1/4	210	0.50	3	4	5/16	2	6.02	340.02	374.70	9
12 x 8	12-7/8	327	8-7/8	225	8-1/4	210	0.50	3-3/8	4	5/16	2	5.95	373.00	411.05	9
13 x 8	13-7/8	352	8-7/8	225	8-1/4	210	0.50	3-5/8	4	5/16	2	6.30	404.85	446.15	9
14 x 8	14-7/8	378	8-7/8	225	8-1/4	210	0.50	3	5	5/16	2	6.55	436.80	481.35	9
16 x 8	17	432	9-1/4	235	7-5/8	194	0.50	2-7/8	6	5/16	2-1/2	7.40	512.57	566.39	9
18 x 8	19	483	9-1/4	235	7-5/8	194	0.50	3-1/8	6	5/16	2-1/2	8.08	567.49	627.08	9

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order.

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OTHER CONSIDERATIONS

ENGINEERING: Please see Engineering section of catalog for detailed engineering, speed and capacity information.

DRILLING: Elevator Buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request. *Mounting Holes drilled 1/32 to 1/16 over bolt diameter for easier installation.

VENTING: Available as needed. See venting options in this catalog.

DIGGER BUCKETS: Use slightly larger metal digger elevator buckets to help loosen material in the elevator boot section that has set up or hardened, thereby reducing abrasion on the plastic buckets. Call for details on Metal Digger elevator bucket options.

SPACING: See elevator bucket spacing details in the Tiger-Tuff® chart (depending on materials and speeds, smaller and larger spacing may be used).

INSTALLATION: Use a #1 standard elevator bolt or Sabre-Tooth elevator bolt for installation. Designed to be used with fender or flat and lock washers and hex or locking nuts. If buckets are being installed on chain, use hex head bolts, nuts and washers. A locking device should always be used.

FDA: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products.

USABLE CAPACITY: Under normal usage, the Tiger-Tuff® elevator bucket will carry and deliver +5° of the water level cubic inch capacity.

Maxi-Lift recommends that water level capacity be used for design and engineering purposes.

AVAILABILITY: Some sizes may not be stocked in nylon or urethane and will only be available by special order. Minimum quantities will apply.

TIGER-CC® MAXIMUM DUTY

High Speed Centrifugal Discharge 210 - 900 FPM

THE MAXI-LIFT TIGER-CC



TIGER-CC
MAXIMUM DUTY ELEVATOR BUCKETS®

UPGRADE TO THE TOUGHEST ELEVATOR BUCKET

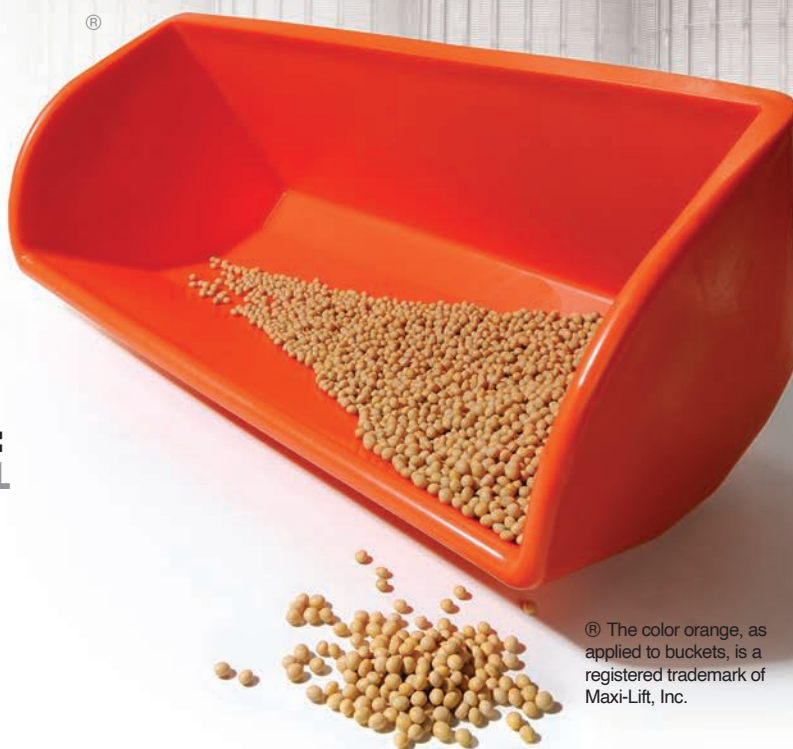
RUGGED, RESILIENT, RELIABLE:
FOR THOSE WHO DON'T HAVE TIME TO BE DOWN

DESIGNED FOR THE TOUGHEST APPLICATIONS:
PORT FACILITIES, RIVER TERMINALS, ETHANOL
AND PROCESSING PLANTS

ENGINEERED FOR ULTIMATE RELIABILITY:
REINFORCED WEAR POINTS MAKE THE TIGER-
CC STRONGER EVERYWHERE IT COUNTS

FEATURES & BENEFITS

- Traditional CC Style w/ High Sides and Breaks in the Bottom of Bucket
- Thicker Corners
- Thicker Walls, Heavy Front Lip for Digging
- Cleaner Discharge
- Heat, Impact & Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Extends Bucket Life
- Increases Elevator Capacity
- Lowers Elevator Maintenance
- Decreases Elevator Down Time



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Reinforced Corners



Heavy Front Lip



Traditional CC Breaks



Thick Back Wall

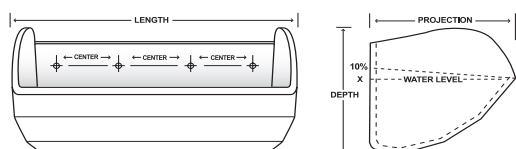
TIGER-CC® MAXIMUM DUTY

High Speed Centrifugal Discharge 210 - 900 FPM



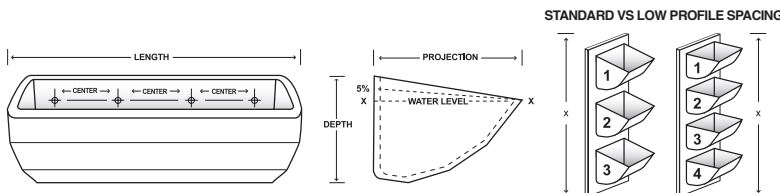
TIGER-CC® STANDARD PROFILE

The **TIGER-CC** Maximum Duty Elevator Buckets were designed to combine the style of the traditional CC elevator bucket with the ruggedness and toughness of the **TIGER-TUFF** elevator bucket. This will increase bucket life and provide less breakage and more capacity. The most common applications include grain, fertilizers, pellets, corn, wheat, soybeans and other agricultural and light industrial applications. Minimum spacing is nominal projection plus (+) 1".

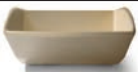


TIGER-CC® LOW PROFILE

The **TIGER-CC** Low Profile Maximum Duty Elevator Bucket has a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to **TIGER-CC** Low Profile buckets, horsepower requirements must be evaluated due to increased capacity. Low profile spacing is projection minus (-) 1".



AVAILABLE MATERIALS

	POLYETHYLENE	NYLON	URETHANE	FDA NYLON
Color	 Orange	 Tan	 Green	 White
Application	Grain & Food Products	Hot, high impact, abrasive dense products	Heavy abrasion, sticky materials	Hot, high impact, abrasive food grade products
Temperature Range	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F (350° F Intermittent)	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F
FDA Approved Material	Yes	No	Yes	Yes
Comments	Economical, high density polyethylene. FDA approved material for handling food grade products.	Best for high heat applications, with tough impact and abrasion needs.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Best for high heat food grade applications, with tough impact and abrasion needs.

APPLICATIONS



FOOD
Barley, Beans, Corn, Cotton Seed, Coffee, Flour, Grains, Nuts, Rice, Sunflower, Oats, Salt, Sugar, Wheat, etc.



FEED
Bone Meal, Pellets, Meat Scrap, etc.

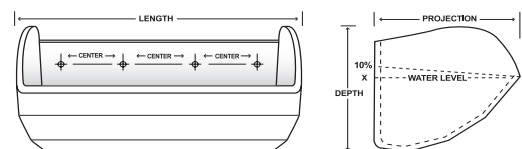


OTHER
Seeds, Grass Seed, Fertilizer, Perlite, Potash, Sawdust, Minerals, etc.

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TIGER-CC® MAXIMUM DUTY

Standard Profile: Polyethylene



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

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TIGER-CC® Maximum Duty: Polyethylene

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Water Level	Water Level +10%	Std Spacing
	in.	mm	in.	mm	in.	mm									
10 x 7	10-7/8	276	8-1/8	206	6-7/8	174	0.50	4-1/8	3	5/16	2-3/16	3.60	217	239	8
11 x 7	11-7/8	301	8-1/8	206	6-7/8	174	0.50	3	4	5/16	2-3/16	3.85	236	260	8
12 x 7	12-7/8	327	8-1/8	206	6-7/8	174	0.50	3-3/8	4	5/16	2-3/16	4.04	258	284	8
13 x 7	13-7/8	352	8-1/8	206	6-7/8	174	0.50	3-5/8	4	5/16	2-3/16	4.30	300	330	8
14 x 7	14-7/8	377	8-1/8	206	6-7/8	174	0.50	3	5	5/16	2-3/16	4.54	313	344	8
15 x 7	15-7/8	403	8-1/8	206	6-7/8	174	0.50	3-1/4	5	5/16	2-3/16	4.78	339	373	8
16 x 7	16-7/8	428	8-1/8	206	6-7/8	174	0.50	2-7/8	6	5/16	2-3/16	4.99	352	387	8
12 x 8	12-7/8	327	9-1/4	235	8-7/8	225	0.55	3-3/8	4	5/16	2	4.90	366	403	9
14 x 8	14-7/8	377	9-1/4	235	8-7/8	225	0.55	3	5	5/16	2	5.40	430	473	9
16 x 8	16-7/8	428	9-1/4	235	8-7/8	225	0.55	2-7/8	6	5/16	2	5.90	510	561	9
18 x 8	18-7/8	479	9-1/4	235	8-7/8	225	0.55	3-1/8	6	5/16	2	6.60	560	616	9
20 x 8	20-7/8	530	9-1/4	235	8-7/8	225	0.55	3-1/2	6	5/16	2	7.20	655	720	9
18 x 10	19	481	11-1/2	292	10-3/8	264	0.70	3-1/8	6	3/8	2-1/4	11.56	915	1005	11
20 x 10	21	533	11-1/2	292	10-3/8	264	0.70	3-1/2	6	3/8	2-1/4	12.20	1005	1106	11
22 x 10	23	584	11-1/2	292	10-3/8	264	0.70	4	6	3/8	2-1/4	13.00	1105	1216	11
23 x 10	24	609	11-1/2	292	10-3/8	264	0.70	3-3/8	7	3/8	2-1/4	13.50	1155	1271	11
24 x 10	25	635	11-1/2	292	10-3/8	264	0.70	3-1/2	7	3/8	2-1/4	14.00	1206	1327	11
25 x 10	26	660	11-1/2	292	10-3/8	264	0.70	3-5/8	7	3/8	2-1/4	14.40	1256	1381	11
26 x 10	27	685	11-1/2	292	10-3/8	264	0.70	3-7/8	7	3/8	2-1/4	14.80	1306	1437	11
28 x 10	29	737	11-1/2	292	10-3/8	264	0.70	3-5/8	8	3/8	2-1/4	15.80	1400	1540	11
18 x 12	19	483	13-1/2	343	12-1/8	308	0.75	3-1/8	6	3/8	2-1/8	16.20	1222	1344	13
20 x 12	21	533	13-1/2	343	12-1/8	308	0.75	3-1/2	6	3/8	2-1/8	17.60	1366	1502	13
22 x 12	23	584	13-1/2	343	12-1/8	308	0.75	4	6	3/8	2-1/8	18.80	1509	1660	13
24 x 12	25	635	13-1/2	343	12-1/8	308	0.75	3-1/2	7	3/8	2-1/8	19.70	1652	1817	13

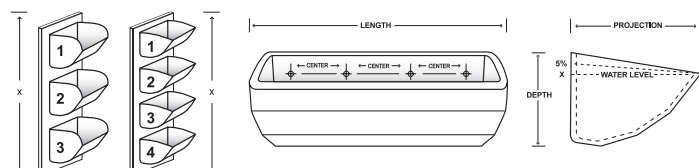
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High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-CC® MAXIMUM DUTY

Low Profile: Polyethylene, Nylon, Urethane



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STANDARD VS LOW PROFILE SPACING

MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

TIGER-CC® Maximum Duty Low Profile

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.			CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Nylon	Uret	Water Level	Water Level +5%	Std Spacing
	in.	mm	in.	mm	in.	mm											
10 x 7	10-7/8	276	8-1/8	206	5-3/4	146	0.50	4-1/8	3	5/16	1	3.08	-	-	217	228	6
11 x 7	11-7/8	301	8-1/8	206	5-3/4	146	0.50	3	4	5/16	1	3.35	-	-	236	248	6
12 x 7	12-7/8	327	8-1/8	206	5-3/4	146	0.50	3-3/8	4	5/16	1	3.56	-	-	258	271	6
13 x 7	13-7/8	352	8-1/8	206	5-3/4	146	0.50	3-5/8	4	5/16	1	3.75	-	-	300	315	6
14 x 7	14-7/8	377	8-1/8	206	5-3/4	146	0.50	3	5	5/16	1	4.02	-	-	313	329	6
15 x 7	15-7/8	403	8-1/8	206	5-3/4	146	0.50	3-1/4	5	5/16	1	4.22	-	-	339	356	6
16 x 7	16-7/8	428	8-1/8	206	5-3/4	146	0.50	2-7/8	6	5/16	1	4.43	-	-	352	370	6
12 x 8	12-7/8	327	9-1/4	235	6-3/4	171	0.55	3-3/8	4	5/16	1	4.20	-	-	366	384	7
14 x 8	14-7/8	377	9-1/4	235	6-3/4	171	0.55	3	5	5/16	1	4.80	-	-	430	452	7
16 x 8	16-7/8	428	9-1/4	235	6-3/4	171	0.55	2-7/8	6	5/16	1	5.20	-	-	510	536	7
18 x 8	18-7/8	479	9-1/4	235	6-3/4	171	0.55	3-1/8	6	5/16	1	5.70	-	-	560	588	7
20 x 8	20-7/8	530	9-1/4	235	6-3/4	171	0.55	3-1/2	6	5/16	1	6.30	7.13	8.38	655	688	7
18 x 10	19	481	11-1/2	292	8-3/4	222	0.7	3-1/8	6	3/8	1	10.50	-	-	915	960	9
20 x 10	21	533	11-1/2	292	8-3/4	222	0.70	3-1/2	6	3/8	1	11.10	-	-	1005	1055	9
22 x 10	23	584	11-1/2	292	8-3/4	222	0.70	4	6	3/8	1	12.00	-	-	1105	1160	9
23 x 10	24	609	11-1/2	292	8-3/4	222	0.70	3-3/8	7	3/8	1	12.40	-	-	1155	1213	9
24 x 10	25	635	11-1/2	292	8-3/4	222	0.70	3-1/2	7	3/8	1	12.80	-	-	1206	1266	9
25 x 10	26	660	11-1/2	292	8-3/4	222	0.70	3-5/8	7	3/8	1	13.20	-	-	1256	1318	9
26 x 10	27	685	11-1/2	292	8-3/4	222	0.70	3-7/8	7	3/8	1	13.60	-	-	1306	1371	9
28 x 10	29	737	11-1/2	292	8-3/4	222	0.70	3-5/8	8	3/8	1	14.50	-	-	1400	1470	9
18 x 12	19	483	13-1/2	343	10	254	0.75	3-1/8	6	3/8	1-1/4	14.50	-	-	1222	1283	11
20 x 12	21	533	13-1/2	343	10	254	0.75	3-1/2	6	3/8	1-1/4	15.80	-	-	1366	1434	11
22 x 12	23	584	13-1/2	343	10	254	0.75	4	6	3/8	1-1/4	16.80	-	-	1509	1584	11
24 x 12	25	635	13-1/2	343	10	254	0.75	3-1/2	7	3/8	1-1/4	17.60	-	-	1652	1735	11

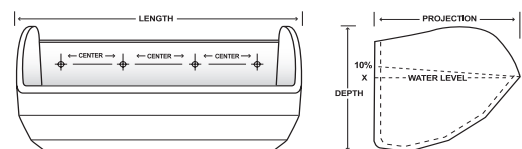
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High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-CC® MAXIMUM DUTY

Standard Profile: Nylon



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

TIGER-CC® Maximum Duty: Nylon

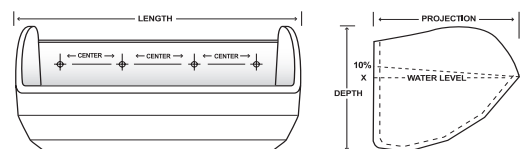
BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Nylon	Water Level	Water Level +10%	Std Spacing
	in.	mm	in.	mm	in.	mm									
10 x 7	10-7/8	276	8-1/8	206	6-7/8	174	0.50	4-1/8	3	5/16	2-3/16	4.18	217	239	8
11 x 7	11-7/8	301	8-1/8	206	6-7/8	174	0.50	3	4	5/16	2-3/16	4.47	236	260	8
12 x 7	12-7/8	327	8-1/8	206	6-7/8	174	0.50	3-3/8	4	5/16	2-3/16	4.69	258	284	8
13 x 7	13-7/8	352	8-1/8	206	6-7/8	174	0.50	3-5/8	4	5/16	2-3/16	4.99	300	330	8
14 x 7	14-7/8	377	8-1/8	206	6-7/8	174	0.50	3	5	5/16	2-3/16	5.27	313	344	8
15 x 7	15-7/8	403	8-1/8	206	6-7/8	174	0.50	3-1/4	5	5/16	2-3/16	5.54	339	373	8
16 x 7	16-7/8	428	8-1/8	206	6-7/8	174	0.50	2-7/8	6	5/16	2-3/16	5.79	352	387	8
12 x 8	12-7/8	327	9-1/4	235	8-7/8	225	0.55	3-3/8	4	5/16	2	5.68	366	403	9
14 x 8	14-7/8	377	9-1/4	235	8-7/8	225	0.55	3	5	5/16	2	6.26	430	473	9
16 x 8	16-7/8	428	9-1/4	235	8-7/8	225	0.55	2-7/8	6	5/16	2	6.84	510	561	9
18 x 8	18-7/8	479	9-1/4	235	8-7/8	225	0.55	3-1/8	6	5/16	2	7.66	560	616	9
20 x 8	20-7/8	530	9-1/4	235	8-7/8	225	0.55	3-1/2	6	5/16	2	8.35	655	720	9
18 x 10	19	481	11-1/2	292	10-3/8	264	0.70	3-1/8	6	3/8	2-1/4	13.41	915	1005	11
20 x 10	21	533	11-1/2	292	10-3/8	264	0.70	3-1/2	6	3/8	2-1/4	14.20	1005	1106	11
22 x 10	23	584	11-1/2	292	10-3/8	264	0.70	4	6	3/8	2-1/4	15.08	1105	1216	11
23 x 10	24	609	11-1/2	292	10-3/8	264	0.70	3-3/8	7	3/8	2-1/4	15.66	1155	1271	11
24 x 10	25	635	11-1/2	292	10-3/8	264	0.70	3-1/2	7	3/8	2-1/4	16.23	1206	1327	11
25 x 10	26	660	11-1/2	292	10-3/8	264	0.70	3-5/8	7	3/8	2-1/4	16.70	1256	1381	11
26 x 10	27	685	11-1/2	292	10-3/8	264	0.70	3-7/8	7	3/8	2-1/4	17.17	1306	1437	11
28 x 10	29	737	11-1/2	292	10-3/8	264	0.70	3-5/8	8	3/8	2-1/4	18.13	1400	1540	11
18 x 12	19	483	13-1/2	343	12-1/8	308	0.75	3-1/8	6	3/8	2-1/8	18.80	1222	1344	13
20 x 12	21	533	13-1/2	343	12-1/8	308	0.75	3-1/2	6	3/8	2-1/8	20.40	1366	1502	13
22 x 12	23	584	13-1/2	343	12-1/8	308	0.75	4	6	3/8	2-1/8	21.80	1509	1660	13
24 x 12	25	635	13-1/2	343	12-1/8	308	0.75	3-1/2	7	3/8	2-1/8	22.90	1652	1817	13

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order.

High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-CC® MAXIMUM DUTY

Standard Profile: Urethane



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

TIGER-CC® Maximum Duty: Urethane

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Uret	Water Level	Water Level +10%	Std Spacing
	in.	mm	in.	mm	in.	mm									
10 x 7	10-7/8	276	8-1/8	206	6-7/8	174	0.50	4-1/8	3	5/16	2-3/16	4.48	217	239	8
11 x 7	11-7/8	301	8-1/8	206	6-7/8	174	0.50	3	4	5/16	2-3/16	4.79	236	260	8
12 x 7	12-7/8	327	8-1/8	206	6-7/8	174	0.50	3-3/8	4	5/16	2-3/16	5.03	258	284	8
13 x 7	13-7/8	352	8-1/8	206	6-7/8	174	0.50	3-5/8	4	5/16	2-3/16	5.35	300	330	8
14 x 7	14-7/8	377	8-1/8	206	6-7/8	174	0.50	3	5	5/16	2-3/16	5.65	313	344	8
15 x 7	15-7/8	403	8-1/8	206	6-7/8	174	0.50	3-1/4	5	5/16	2-3/16	5.95	339	373	8
16 x 7	16-7/8	428	8-1/8	206	6-7/8	174	0.50	2-7/8	6	5/16	2-3/16	6.21	352	387	8
12 x 8	12-7/8	327	9-1/4	235	8-7/8	225	0.55	3-3/8	4	5/16	2	6.10	366	403	9
14 x 8	14-7/8	377	9-1/4	235	8-7/8	225	0.55	3	5	5/16	2	6.72	430	473	9
16 x 8	16-7/8	428	9-1/4	235	8-7/8	225	0.55	2-7/8	6	5/16	2	7.34	510	561	9

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order.

OTHER CONSIDERATIONS

DRILLING: Elevator buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.

VENTING: Available as needed. See venting options in this catalog.

DIGGER BUCKETS: Use slightly larger metal digger elevator buckets to help loosen material in the elevator boot section that has set up or hardened, thereby reducing abrasion on the plastic buckets. Call for details on Metal Digger elevator bucket options.

SPACING: See elevator bucket spacing details in the size chart (depending on materials and speeds, smaller and larger spacing may be used).

INSTALLATION: Use a #1 standard elevator bolt or Sabre-Tooth elevator bolt for installation. Designed to be used with fender or flat and lock washers and hex or locking nuts. If buckets are being installed on chain, use hex head bolts, nuts and washers.

FDA: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products.

AVAILABILITY: Some sizes may not be stocked in nylon or urethane and will only be available by special order. Minimum quantities will apply.

High Speed Centrifugal Discharge 210 - 900 FPM

HD-MAX® HEAVY DUTY

High Speed Centrifugal Discharge 210 - 900 FPM

THE MAXI-LIFT HD-MAX

UPGRADE TO THE BUCKET
THAT DEFINES "HEAVY DUTY"

HIGHER CAPACITY MEANS HD-MAX:
THE HD-MAX WILL HELP YOU ELEVATE
MORE MATERIAL FASTER TO MEET YOUR
HIGHER CAPACITY DEMANDS.

ENGINEERED WITH THICKER FRONT LIP:
WHEN BUCKET WEAR IS AN ISSUE, THE
HD-MAX GIVES YOU LONGER LIFE AT A MORE
ECONOMICAL PRICE.

PERFORMANCE BY DESIGN:
EARLESS SIDES AND SMOOTH BOTTOM GIVE
EXCELLENT CUP FILL & DISCHARGE.

FEATURES & BENEFITS

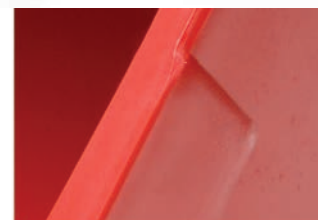
- Thicker Walls, Heavy Front Lip for Digging
- High Impact & Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Extends Bucket Life
- Increases Elevator Capacity
- Cleaner Discharge
- Lowers Elevator Maintenance
- Decreases Elevator Down Time



® The color red, as applied to elevator buckets, is a registered trademark of Maxi-Lift, Inc.



Heavy Duty Construction



Reinforced Side Walls



Reinforced Corners



Heavy Front Lip

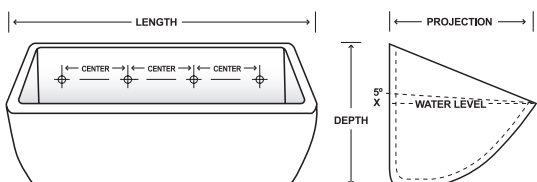
HD-MAX® HEAVY DUTY

High Speed Centrifugal Discharge 210 - 900 FPM



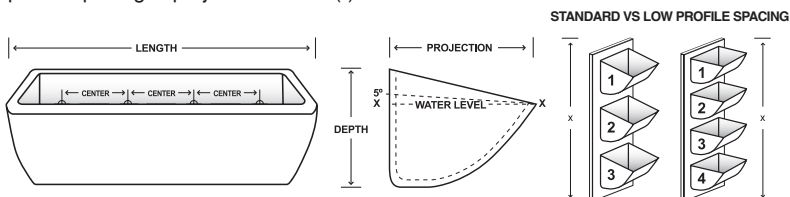
HD-MAX® HEAVY DUTY: STANDARD PROFILE

The **HD-MAX Heavy Duty** elevator bucket is engineered to exceed the performance requirements of a standard bucket. This bucket is designed with thicker walls and a reinforced front lip to increase bucket life and reduce breakage. Replacing existing standard duty buckets with the **HD-MAX** will create longer bucket life and less frequent replacements. The most common applications include grain, fertilizer, pellets, corn, wheat, soybeans and other agricultural applications. Minimum spacing is nominal projection plus (+) 1".



HD-MAX® HEAVY DUTY: LOW PROFILE

The **HD-MAX Low Profile** bucket has a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to **HD-MAX Heavy Duty Low Profile** buckets, horsepower requirements must be evaluated due to increased capacity. Low profile spacing is projection minus (-) 1".



AVAILABLE MATERIALS

	POLYETHYLENE	NYLON	URETHANE	FDA NYLON
Color	 Red	 Tan	 Green	 White
Application	Grain & Food Products	Hot, high impact, abrasive dense products	Heavy abrasion, sticky materials	Hot, high impact, abrasive food grade products
Temperature Range	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F (350° F Intermittent)	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F
FDA Approved Material	Yes	No	Yes	Yes
Comments	Economical, high density polyethylene. FDA approved material for handling food grade products.	Best for high heat applications, with tough impact and abrasion needs.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Best for high heat food grade applications, with tough impact and abrasion needs.

APPLICATIONS



FOOD

Barley, Beans, Corn, Cotton Seed, Coffee, Flour, Grains, Nuts, Rice, Sunflower, Oats, Salt, Sugar, Wheat, etc.



FEED

Bone Meal, Pellets, Meat Scrap, etc.



OTHER

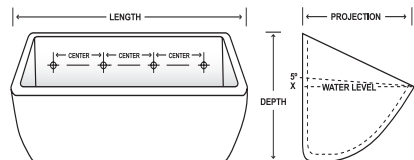
Seeds, Grass Seed, Fertilizer, Perlite, Potash, Sawdust, Minerals, etc.

HD-MAX® HEAVY DUTY

Standard Profile: Polyethylene



® The color red, as applied to elevator buckets, is a registered trademark of Maxi-Lift, Inc.



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

HD-MAX® Heavy Duty: Polyethylene

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Water Level	Usable 5 Deg.	Std Spacing
	in.	mm	in.	mm	in.	mm									
3 x 2	3-1/4	83	2-5/16	59	2-1/4	57	0.17	1-3/4	2	1/4	7/8	0.12	6.71	7.93	3
4 x 3	4-3/8	111	3-1/4	83	3	76	0.17	2-1/4	2	1/4	7/8	0.22	15.26	17.70	4
5 x 4	5-1/4	133	4-1/2	114	4	102	0.30	3-3/16	2	1/4	1-1/8	0.47	36.20	39.82	5
6 x 4	6-1/4	159	4-1/2	114	4	102	0.30	4-3/8	2	1/4	1-1/8	0.56	44.20	49.58	5
7 x 4	7-1/4	184	4-1/2	114	4	102	0.30	2-5/8	3	1/4	1-1/8	0.66	51.31	57.01	5
6 x 5	6-3/8	162	5-5/8	143	5	127	0.30	4-3/8	2	1/4	1-5/8	0.88	67.20	73.98	6
7 x 5	7-3/8	187	5-5/8	143	5	127	0.30	2-5/8	3	1/4	1-5/8	0.98	79.72	89.24	6
8 x 5	8-3/8	213	5-5/8	143	5	127	0.30	3-1/16	3	1/4	1-5/8	1.15	102.85	115.85	6
9 x 5	9-3/8	238	5-5/8	143	5	127	0.30	3-1/2	3	1/4	1-5/8	1.20	107.37	121.27	6
10 x 5	10-1/4	260	5-5/8	143	5	127	0.30	4	3	1/4	1-5/8	1.26	121.30	138.89	6
12 x 5	12-1/4	311	5-5/8	143	5	127	0.30	3-3/8	4	1/4	1-5/8	1.55	159.87	167.14	6
8 x 6	8-3/8	213	6-5/8	168	6	152	0.30	3-1/16	3	1/4	1-5/8	1.35	135.56	150.85	7
9 x 6	9-3/8	238	6-5/8	168	6	152	0.30	3-1/2	3	1/4	1-5/8	1.53	150.26	165.87	7
10 x 6	10-3/8	264	6-5/8	168	6	152	0.30	4	3	1/4	1-5/8	1.64	170.69	185.62	7
11 x 6	11-3/8	289	6-5/8	168	6	152	0.30	3	4	1/4	1-5/8	1.82	185.18	200.36	7
12 x 6	12-3/8	314	6-5/8	168	6	152	0.30	3-3/8	4	1/4	1-5/8	1.89	200.37	220.58	7
13 x 6	13-3/8	340	6-5/8	168	6	152	0.30	3-5/8	4	1/4	1-5/8	2.04	220.78	240.48	7
10 x 7	10-1/2	267	7-3/4	197	7-1/8	181	0.33	4	3	5/16	1-7/8	2.35	240.91	264.59	8
11 x 7	11-1/2	292	7-3/4	197	7-1/8	181	0.33	3	4	5/16	1-7/8	2.55	269.32	292.41	8
12 x 7	12-1/2	318	7-3/4	197	7-1/8	181	0.33	3-3/8	4	5/16	1-7/8	2.73	292.41	319.63	8
13 x 7	13-1/2	343	7-3/4	197	7-1/8	181	0.33	3-5/8	4	5/16	1-7/8	2.89	344.20	356.40	8
14 x 7	14-1/2	368	7-3/4	197	7-1/8	181	0.33	3	5	5/16	1-7/8	3.10	356.40	389.90	8
15 x 7	15-1/2	394	7-3/4	197	7-1/8	181	0.33	3-1/4	5	5/16	1-7/8	3.23	379.50	408.20	8
16 x 7	16-1/2	419	7-3/4	197	7-1/8	181	0.33	3-1/2	5	5/16	1-7/8	3.37	406.40	432.00	8
10 x 8	10-1/2	267	8-3/4	222	8	203	0.40	4-1/8	3	5/16	2	2.89	328.52	353.97	9
11 x 8	11-1/2	292	8-3/4	222	8	203	0.40	3-1/8	4	5/16	2	3.17	358.11	388.30	9
12 x 8	12-1/2	318	8-3/4	222	8	203	0.40	3-3/8	4	5/16	2	3.46	390.67	423.22	9
14 x 8	14-1/2	368	8-3/4	222	8	203	0.40	3	5	5/16	2	3.86	465.00	502.80	9
15 x 8	15-1/2	394	8-3/4	222	8	203	0.40	3-1/4	5	5/16	2	4.06	511.30	541.90	9
16 x 8	16-1/2	419	8-3/4	222	8	203	0.40	3-1/2	5	5/16	2	4.26	543.10	571.10	9
18 x 8	18-1/2	470	8-3/4	222	8	203	0.40	3-1/8	6	5/16	2	4.66	610.20	648.00	9

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order.

■ - Indicates HD-MAX punch pattern differs from TIGER-TUFF & CC-MAX.

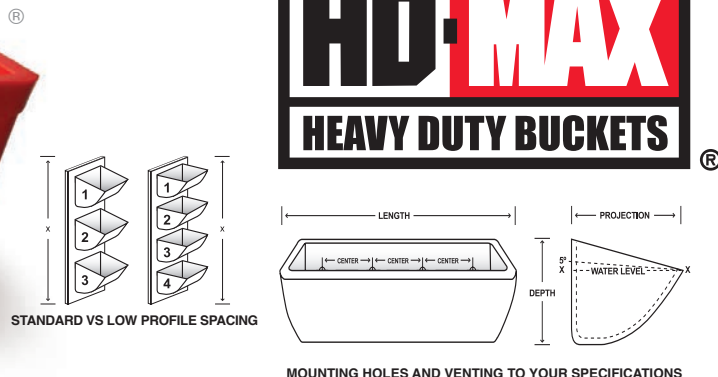
High Speed Centrifugal Discharge 210 - 900 FPM

HD-MAX® HEAVY DUTY

Low Profile: Polyethylene, Nylon, Urethane



® The color red, as applied to elevator buckets, is a registered trademark of Maxi-Lift, Inc.



HD-MAX® Heavy Duty Low Profile

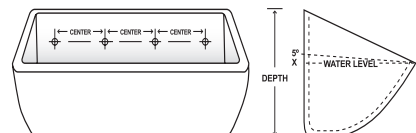
BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.			CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Nylon	Uret	Water Level	Usable 5 Deg.	Std Spacing
	in.	mm	in.	mm	in.	mm											
3 x 2	3-1/4	83	2-5/16	59	2-1/4	57	0.17	1-3/4	2	1/4	1	0.11	0.13	0.15	6.71	7.93	2-1/4
4 x 3	4-3/8	111	3-1/4	83	2-3/4	70	0.17	2-1/4	2	1/4	1	0.19	0.22	0.29	15.26	17.70	2-3/4
5 x 4	5-1/4	133	4-1/2	114	3-1/4	83	0.30	3-3/16	2	1/4	1	0.42	0.49	0.65	36.20	39.82	3-1/4
6 x 4	6-1/4	159	4-1/2	114	3-1/2	89	0.30	4-3/8	2	1/4	1	0.49	0.57	0.73	44.20	49.58	3-1/2
7 x 4	7-1/4	184	4-1/2	114	3-1/2	89	0.30	2-5/8	3	1/4	1	0.57	0.66	0.86	51.31	57.01	3-1/2
6 x 5	6-3/8	162	5-5/8	143	4	102	0.30	4-3/8	2	1/4	1	0.67	0.76	0.91	67.20	73.98	4
7 x 5	7-3/8	187	5-5/8	143	4	102	0.30	2-5/8	3	1/4	1	0.72	0.84	1.09	79.72	89.24	4
8 x 5	8-3/8	213	5-5/8	143	4	102	0.30	3-1/16	3	1/4	1	1.09	0.87	1.15	102.85	115.85	4
9 x 5	9-3/8	238	5-5/8	143	4	102	0.30	3-1/2	3	1/4	1	1.14	1.15	1.35	107.37	121.27	4
10 x 5	10-1/4	260	5-5/8	143	4-1/2	114	0.30	4	3	1/4	1	1.18	1.37	1.70	121.30	138.89	4-1/2
12 x 5	12-1/4	311	5-5/8	143	4-1/2	114	0.30	3-3/8	4	1/4	1	1.32	1.53	2.06	159.87	167.14	4-1/2
8 x 6	8-3/8	213	6-5/8	168	5	127	0.30	3-1/16	3	1/4	1	1.24	1.41	1.70	135.56	150.85	5
9 x 6	9-3/8	238	6-5/8	168	5	127	0.30	3-1/2	3	1/4	1	1.39	1.59	1.91	150.26	165.87	5
10 x 6	10-3/8	264	6-5/8	168	5	127	0.30	4	3	1/4	1	1.48	1.68	2.02	170.69	185.62	5
11 x 6	11-3/8	289	6-5/8	168	5	127	0.30	3	4	1/4	1	1.66	1.89	2.28	185.18	200.36	5
12 x 6	12-3/8	314	6-5/8	168	5	127	0.30	3-3/8	4	1/4	1	1.73	1.96	2.36	200.37	220.58	5
13 x 6	13-3/8	340	6-5/8	168	5	127	0.30	3-5/8	4	1/4	1	1.86	2.12	2.55	220.78	240.48	5
10 x 7	10-1/2	267	7-3/4	197	6	152	0.33	4	3	5/16	1	2.17	2.47	2.97	240.91	264.59	6
11 x 7	11-1/2	292	7-3/4	197	6	152	0.33	3	4	5/16	1	2.32	2.64	3.18	269.32	292.41	6
12 x 7	12-1/2	318	7-3/4	197	6	152	0.33	3-3/8	4	5/16	1	2.54	2.90	3.48	292.41	319.63	6
13 x 7	13-1/2	343	7-3/4	197	6	152	0.33	3-5/8	4	5/16	1	2.63	3.02	3.55	344.20	356.40	6
14 x 7	14-1/2	368	7-3/4	197	6	152	0.33	3	5	5/16	1	2.85	3.28	3.85	356.40	389.90	6
15 x 7	15-1/2	394	7-3/4	197	6	152	0.33	3-1/4	5	5/16	1	3.01	3.46	4.06	379.50	408.20	6
16 x 7	16-1/2	419	7-3/4	197	6	152	0.33	3-1/2	5	5/16	1	3.12	3.59	4.21	406.40	432.00	6
10 x 8	10-1/2	267	8-3/4	222	6	152	0.40	4-1/8	3	5/16	1	2.58	2.94	3.53	328.52	353.97	7
11 x 8	11-1/2	292	8-3/4	222	6-3/4	171	0.40	3-1/8	4	5/16	1	2.85	3.25	3.90	358.11	388.30	7
12 x 8	12-1/2	318	8-3/4	222	6-3/4	171	0.40	3-3/8	4	5/16	1	3.15	3.59	4.32	390.67	423.22	7
14 x 8	14-1/2	368	8-3/4	222	6-3/4	171	0.40	3	5	5/16	1	3.51	4.04	4.74	465.00	502.80	7
15 x 8	15-1/2	394	8-3/4	222	6-3/4	171	0.40	3-1/4	5	5/16	1	3.67	4.22	4.95	511.30	541.90	7
16 x 8	16-1/2	419	8-3/4	222	6-3/4	171	0.40	3-1/2	5	5/16	1	3.79	4.36	5.12	543.10	571.10	7
18 x 8	18-1/2	470	8-3/4	222	6-3/4	171	0.40	3-1/8	6	5/16	1	4.24	4.88	5.72	610.20	648.00	7

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order. Low profile spacing is Projection minus (-) 1 inch.
 ■ - Indicates HD-MAX punch pattern differs from TIGER-TUFF & CC-MAX.

High Speed Centrifugal Discharge 210 - 900 FPM

HD-MAX® HEAVY DUTY

Standard Profile: Nylon



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

HD-MAX® Heavy Duty: Nylon

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Nylon	Water Level	Usable 5 Deg	Std Spacing
	in.	mm	in.	mm	in.	mm									
3 x 2	3-1/4	83	2-5/16	59	2-1/4	57	0.17	1-3/4	2	1/4	7/8	0.15	6.71	7.93	3
4 x 3	4-3/8	111	3-1/4	83	3	76	0.17	2-1/4	2	1/4	7/8	0.25	15.26	17.70	4
5 x 4	5-1/4	133	4-1/2	114	4	102	0.30	3-3/16	2	1/4	1-1/8	0.60	36.20	39.82	5
6 x 4	6-1/4	159	4-1/2	114	4	102	0.30	4-3/8	2	1/4	1-1/8	0.70	44.20	49.58	5
7 x 4	7-1/4	184	4-1/2	114	4	102	0.30	2-5/8	3	1/4	1-1/8	0.80	51.31	57.01	5
6 x 5	6-3/8	162	5-5/8	143	5	127	0.30	4-3/8	2	1/4	1-5/8	0.85	67.20	73.98	6
7 x 5	7-3/8	187	5-5/8	143	5	127	0.30	2-5/8	3	1/4	1-5/8	0.95	79.72	89.24	6
8 x 5	8-3/8	213	5-5/8	143	5	127	0.30	3-1/16	3	1/4	1-5/8	1.30	102.85	115.85	6
9 x 5	9-3/8	238	5-5/8	143	5	127	0.30	3-1/2	3	1/4	1-5/8	1.20	107.37	121.27	6
10 x 5	10-1/4	260	5-5/8	143	5	127	0.30	4	3	1/4	1-5/8	1.40	121.30	138.89	6
12 x 5	12-1/4	311	5-5/8	143	5	127	0.30	3-3/8	4	1/4	1-5/8	1.70	159.87	167.14	6
8 x 6	8-3/8	213	6-5/8	168	6	152	0.30	3-1/16	3	1/4	1-5/8	1.65	135.56	150.85	7
9 x 6	9-3/8	238	6-5/8	168	6	152	0.30	3-1/2	3	1/4	1-5/8	1.75	150.26	165.87	7
10 x 6	10-3/8	264	6-5/8	168	6	152	0.30	4	3	1/4	1-5/8	1.85	170.69	185.62	7
11 x 6	11-3/8	289	6-5/8	168	6	152	0.30	3	4	1/4	1-5/8	2.05	185.18	200.36	7
12 x 6	12-3/8	314	6-5/8	168	6	152	0.30	3-3/8	4	1/4	1-5/8	2.15	200.37	220.58	7
13 x 6	13-3/8	340	6-5/8	168	6	152	0.30	3-5/8	4	1/4	1-5/8	2.35	220.78	240.48	7
10 x 7	10-1/2	267	7-3/4	197	7-1/8	181	0.33	4	3	5/16	1-7/8	2.68	240.91	264.59	8
11 x 7	11-1/2	292	7-3/4	197	7-1/8	181	0.33	3	4	5/16	1-7/8	2.85	269.32	292.41	8
12 x 7	12-1/2	318	7-3/4	197	7-1/8	181	0.33	3-3/8	4	5/16	1-7/8	3.20	292.41	319.63	8
13 x 7	13-1/2	343	7-3/4	197	7-1/8	181	0.33	3-5/8	4	5/16	1-7/8	3.25	344.20	356.40	8
14 x 7	14-1/2	368	7-3/4	197	7-1/8	181	0.33	3	5	5/16	1-7/8	3.45	356.40	389.90	8
15 x 7	15-1/2	394	7-3/4	197	7-1/8	181	0.33	3-1/4	5	5/16	1-7/8	3.71	379.50	408.20	8
16 x 7	16-1/2	419	7-3/4	197	7-1/8	181	0.33	3-1/2	5	5/16	1-7/8	3.90	406.40	432.00	8
10 x 8	10-1/2	267	8-3/4	222	8	203	0.40	4-1/8	3	5/16	2	3.29	328.52	353.97	9
11 x 8	11-1/2	292	8-3/4	222	8	203	0.40	3-1/8	4	5/16	2	3.55	358.11	388.30	9
12 x 8	12-1/2	318	8-3/4	222	8	203	0.40	3-3/8	4	5/16	2	4.00	390.67	423.22	9
14 x 8	14-1/2	368	8-3/4	222	8	203	0.40	3	5	5/16	2	4.35	465.00	502.80	9
15 x 8	15-1/2	394	8-3/4	222	8	203	0.40	3-1/4	5	5/16	2	4.67	511.30	541.90	9
16 x 8	16-1/2	419	8-3/4	222	8	203	0.40	3-1/2	5	5/16	2	4.70	543.10	571.10	9
18 x 8	18-1/2	470	8-3/4	222	8	203	0.40	3-1/8	6	5/16	2	5.10	610.20	648.00	9

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order. Low profile spacing is Projection minus (-) 1 inch.
 ■ - Indicates HD-MAX punch pattern differs from TIGER-TUFF & CC-MAX.

OTHER CONSIDERATIONS

ENGINEERING: Please see Engineering section for detailed engineering, speed and capacity information.

DRILLING: Elevator Buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.

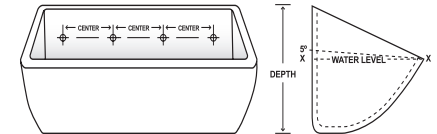
*Mounting Holes drilled 1/32 to 1/16 over bolt diameter for easier installation.

VENTING: Available as needed. See venting options in this catalog.

DIGGER BUCKETS: Use slightly larger metal digger elevator buckets to help loosen material in the elevator boot section that has set up or hardened thereby reducing abrasion on the plastic buckets. Call for details on Metal Digger elevator bucket options.

HD-MAX® HEAVY DUTY

Standard Profile: Urethane



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

HD-MAX® Heavy Duty: Urethane

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Uret	Water Level	Usable 5 Deg	Std Spacing
	in.	mm	in.	mm	in.	mm									
3 x 2	3-1/4	83	2-5/16	59	2-1/4	57	0.17	1-3/4	2	1/4	7/8	0.20	6.71	7.93	3
4 x 3	4-3/8	111	3-1/4	83	3	76	0.17	2-1/4	2	1/4	7/8	0.30	15.26	17.70	4
5 x 4	5-1/4	133	4-1/2	114	4	102	0.30	3-3/16	2	1/4	1-1/8	0.75	36.20	39.82	5
6 x 4	6-1/4	159	4-1/2	114	4	102	0.30	4-3/8	2	1/4	1-1/8	0.85	44.20	49.58	5
7 x 4	7-1/4	184	4-1/2	114	4	102	0.30	2-5/8	3	1/4	1-1/8	0.88	51.31	57.01	5
6 x 5	6-3/8	162	5-5/8	143	5	127	0.30	4-3/8	2	1/4	1-5/8	1.00	67.20	73.98	6
7 x 5	7-3/8	187	5-5/8	143	5	127	0.30	2-5/8	3	1/4	1-5/8	1.15	79.72	89.24	6
8 x 5	8-3/8	213	5-5/8	143	5	127	0.30	3-1/16	3	1/4	1-5/8	1.55	102.85	115.85	6
9 x 5	9-3/8	238	5-5/8	143	5	127	0.30	3-1/2	3	1/4	1-5/8	1.40	107.37	121.27	6
10 x 5	10-1/4	260	5-5/8	143	5	127	0.30	4	3	1/4	1-5/8	1.70	121.30	138.89	6
12 x 5	12-1/4	311	5-5/8	143	5	127	0.30	3-3/8	4	1/4	1-5/8	2.12	159.87	167.14	6
8 x 6	8-3/8	213	6-5/8	168	6	152	0.30	3-1/16	3	1/4	1-5/8	1.95	135.56	150.85	7
9 x 6	9-3/8	238	6-5/8	168	6	152	0.30	3-1/2	3	1/4	1-5/8	2.10	150.26	165.87	7
10 x 6	10-3/8	264	6-5/8	168	6	152	0.30	4	3	1/4	1-5/8	2.30	170.69	185.62	7
11 x 6	11-3/8	289	6-5/8	168	6	152	0.30	3	4	1/4	1-5/8	2.45	185.18	200.36	7
12 x 6	12-3/8	314	6-5/8	168	6	152	0.30	3-3/8	4	1/4	1-5/8	2.65	200.37	220.58	7
13 x 6	13-3/8	340	6-5/8	168	6	152	0.30	3-5/8	4	1/4	1-5/8	2.85	220.78	240.48	7
10 x 7	10-1/2	267	7-3/4	197	7-1/8	181	0.33	4	3	5/16	1-7/8	3.25	240.91	264.59	8
11 x 7	11-1/2	292	7-3/4	197	7-1/8	181	0.33	3	4	5/16	1-7/8	3.45	269.32	292.41	8
12 x 7	12-1/2	318	7-3/4	197	7-1/8	181	0.33	3-3/8	4	5/16	1-7/8	3.80	292.41	319.63	8
13 x 7	13-1/2	343	7-3/4	197	7-1/8	181	0.33	3-5/8	4	5/16	1-7/8	3.85	344.20	356.40	8
14 x 7	14-1/2	368	7-3/4	197	7-1/8	181	0.33	3	5	5/16	1-7/8	4.25	356.40	389.90	8
15 x 7	15-1/2	394	7-3/4	197	7-1/8	181	0.33	3-1/4	5	5/16	1-7/8	4.36	379.50	408.20	8
16 x 7	16-1/2	419	7-3/4	197	7-1/8	181	0.33	3-1/2	5	5/16	1-7/8	4.60	406.40	432.00	8
10 x 8	10-1/2	267	8-3/4	222	8	203	0.40	4-1/8	3	5/16	2	4.10	328.52	353.97	9
11 x 8	11-1/2	292	8-3/4	222	8	203	0.40	3-1/8	4	5/16	2	4.34	358.11	388.30	9
12 x 8	12-1/2	318	8-3/4	222	8	203	0.40	3-3/8	4	5/16	2	4.65	390.67	423.22	9
14 x 8	14-1/2	368	8-3/4	222	8	203	0.40	3	5	5/16	2	5.30	465.00	502.80	9
15 x 8	15-1/2	394	8-3/4	222	8	203	0.40	3-1/4	5	5/16	2	5.55	511.30	541.90	9
16 x 8	16-1/2	419	8-3/4	222	8	203	0.40	3-1/2	5	5/16	2	5.60	543.10	571.10	9
18 x 8	18-1/2	470	8-3/4	222	8	203	0.40	3-1/8	6	5/16	2	-	610.20	648.00	9

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order. Low profile spacing is Projection minus (-) 1 inch.

■ - Indicates HD-MAX punch pattern differs from TIGER-TUFF & CC-MAX.

OTHER CONSIDERATIONS (Cont).

SPACING: See elevator bucket spacing details in the HD-MAX chart (depending on materials and speeds, smaller and larger spacing may be used).

INSTALLATION: Use a #1 standard elevator bolt or Sabre-Tooth elevator bolt for installation. Designed to be used with fender or flat and lock washers and hex or locking nuts. If buckets are being installed on chain, use hex head bolts, nuts and washers. A locking device should always be used.

FDA: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products.

USABLE CAPACITY: Under normal usage, the HD-MAX plastic elevator bucket will carry and deliver +5° of the water level cubic inch capacity.

Maxi-Lift recommends that water level capacity be used for design and engineering purposes.

AVAILABILITY: Some sizes may not be stocked in nylon or urethane and will only be available by special order. Minimum quantities will apply.

CC-MAX® HEAVY DUTY

High Speed Centrifugal Discharge 210 - 900 FPM

U.S. Patent 8,240,070

THE MAXI-LIFT CC-MAX

UPGRADE TO THE ULTIMATE CC STYLE BUCKET

**TODAY'S ELEVATORS DEMAND THE
UPGRADED CC-MAX:**

**ALL THE ADVANTAGES OF THE TRADITIONAL CC STYLE
WITH THICKER WEAR POINTS**

PATENTED DESIGN:

**HIGH ROUNDED SIDES, BREAKS IN THE BOTTOM
AND A HEAVIER, THICKER FRONT LIP**

UPGRADE FROM BLUE* TO GRAY:

SET THEM SIDE BY SIDE AND DECIDE FOR YOURSELF



FEATURES & BENEFITS

- Thicker Lip - Up to 20%
- Thicker Corners - Up to 20%
- More Capacity - Up to 5%
- Clean Discharge
- High Impact & Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Extends Bucket Life
- Increase & Maintain Capacity Longer
- Decreases Elevator Down Time
- Resists Hang-Ups

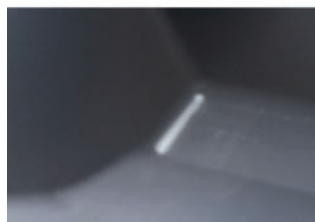
* The color blue, when used in connection with elevator buckets, is a U.S. registered trademark owned by Tapco Inc.



Reinforced Construction



Heavy Front Lip



Traditional CC Breaks



Traditional CC Style Ears

CC-MAX® HEAVY DUTY

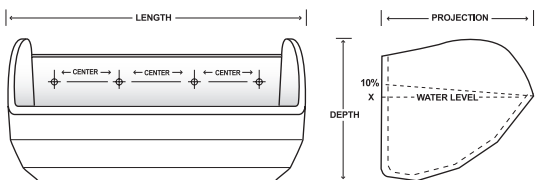
High Speed Centrifugal Discharge 210 - 900 FPM

U.S. Patent 8,240,070



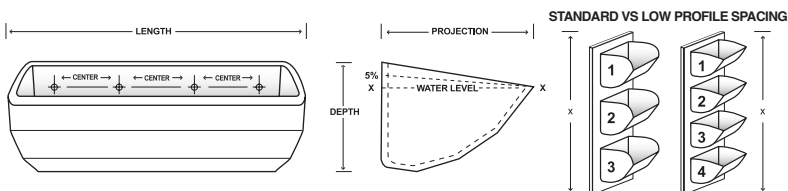
CC-MAX® STANDARD PROFILE

The **CC-MAX Heavy Duty** elevator bucket is a grade above older CC style buckets. It has the traditional shape, fill and discharge characteristics, with the thicker wear surfaces our buckets are famous for. The result is longer life and greater performance. **CC-MAX** buckets are direct replacements for CC and other standard bucket styles. The most common applications include grain, fertilizer, pellets, corn, wheat, soybeans and other agricultural applications. Minimum spacing is nominal projection plus (+) 1".



CC-MAX® LOW PROFILE

The **CC-MAX Low-Profile** bucket has a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to **CC-MAX Heavy Duty Low Profile** buckets, horsepower requirements must be evaluated due to increased capacity. Low profile spacing is projection minus (-) 1".



AVAILABLE MATERIALS

	POLYETHYLENE	NYLON	URETHANE	FDA NYLON
Color	 Gray, White	 Tan	 Green	 White
Application	Grain & Food Products	Hot, high impact, abrasive dense products	Heavy abrasion, sticky materials	Hot, high impact, abrasive food grade products
Temperature Range	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F (350° F Intermittent)	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F
FDA Approved Material	Yes	No	Yes	Yes
Comments	Economical, high density polyethylene. FDA approved material for handling food grade products.	Best for high heat applications, with tough impact and abrasion needs.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Best for high heat food grade applications, with tough impact and abrasion needs.

APPLICATIONS



FOOD

Barley, Beans, Corn, Cotton Seed, Coffee, Flour, Grains, Nuts, Rice, Sunflower, Oats, Salt, Sugar, Wheat, etc.



FEED

Bone Meal, Pellets, Meat Scrap, etc.



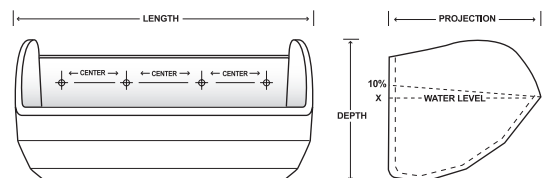
OTHER

Seeds, Grass Seed, Fertilizer, Perlite, Potash, Sawdust, Minerals, etc.

CC-MAX® HEAVY DUTY

Standard Profile: Polyethylene

U.S. Patent 8,240,070



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

CC-MAX® Heavy Duty: Polyethylene

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Water Level	Water Level +10%	Std Spacing
	in.	mm	in.	mm	in.	mm									
5 x 4	5-1/2	140	4-1/2	114	4-1/4	108	0.21	3-3/16	2	1/4	1-7/16	0.53	38.30	42.13	5
6 x 4	6-1/2	165	4-1/2	114	4-1/4	108	0.21	4-3/8	2	1/4	1-7/16	0.58	45.38	49.92	5
7 x 4	7-1/2	191	4-1/2	114	4-1/4	108	0.21	2-11/16	3	1/4	1-7/16	0.65	52.10	57.31	5
6 x 5	6-1/2	165	5-1/2	140	5	127	0.26	4-3/8	2	1/4	1-11/16	0.89	70.87	77.96	6
7 x 5	7-1/2	191	5-1/2	140	5	127	0.26	2-11/16	3	1/4	1-11/16	0.99	80.75	88.83	6
8 x 5	8-1/2	216	5-1/2	140	5	127	0.26	3-1/16	3	1/4	1-11/16	1.10	90.85	99.94	6
9 x 5	9-1/2	241	5-1/2	140	5	127	0.26	3-5/8	3	1/4	1-11/16	1.18	100.99	111.09	6
10 x 5	10-1/2	267	5-1/2	140	5	127	0.26	4-1/8	3	1/4	1-11/16	1.31	114.22	125.64	6
11 x 5	11-1/2	292	5-1/2	140	5	127	0.26	3	4	1/4	1-11/16	1.45	127.44	140.18	6
8 x 6	8-9/16	205	6-5/8	168	6	152	0.27	3-1/16	3	1/4	2	1.40	136.00	149.60	7
9 x 6	9-9/16	243	6-5/8	168	6	152	0.27	3-5/8	3	1/4	2	1.52	149.19	164.11	7
10 x 6	10-9/16	268	6-5/8	168	6	152	0.27	4-1/8	3	1/4	2	1.64	166.89	183.58	7
11 x 6	11-9/16	294	6-5/8	168	6	152	0.27	3	4	1/4	2	1.73	180.62	198.68	7
12 x 6	12-9/16	319	6-5/8	168	6	152	0.27	3-3/8	4	1/4	2	1.91	200.76	220.83	7
13 x 6	13-9/16	345	6-5/8	168	6	152	0.27	3-5/8	4	1/4	2	2.13	215.00	236.50	7
10 x 7	10-9/16	268	7-7/8	200	7	178	0.32	4-1/8	3	5/16	2-3/16	2.35	236.00	259.60	8
11 x 7	11-9/16	294	7-7/8	200	7	178	0.32	3	4	5/16	2-3/16	2.44	247.74	272.52	8
12 x 7	12-9/16	319	7-7/8	200	7	178	0.32	3-3/8	4	5/16	2-3/16	2.63	267.27	293.99	8
13 x 7	13-9/16	344	7-7/8	200	7	178	0.32	3-5/8	4	5/16	2-3/16	2.78	284.60	316.93	8
14 x 7	14-9/16	370	7-7/8	200	7	178	0.32	3	5	5/16	2-3/16	2.94	303.57	333.93	8
15 x 7	15-9/16	395	7-7/8	200	7	178	0.35	3-1/4	5	5/16	2-3/16	3.10	335.00	368.50	8
16 x 7	16-9/16	421	7-7/8	200	7	178	0.35	2-7/8	6	5/16	2-3/16	3.29	350.87	385.95	8
12 x 8	12-9/16	319	8-7/8	225	8-1/4	210	0.35	3-3/8	4	5/16	2	3.25	373.00	409.00	9
13 x 8	13-9/16	344	8-7/8	225	8-1/4	210	0.35	3-5/8	4	5/16	2	3.51	404.00	440.00	9
14 x 8	14-9/16	370	8-7/8	225	8-1/4	210	0.35	3	5	5/16	2	3.76	435.07	478.58	9
16 x 8	16-9/16	421	8-7/8	225	8-1/4	210	0.38	2-7/8	6	5/16	2	4.30	515.62	567.18	9
18 x 8	18-9/16	471	8-7/8	225	8-1/4	210	0.39	3-1/8	6	5/16	2	4.79	580.61	638.67	9
20 x 8	20-9/16	522	8-7/8	225	8-1/4	210	0.42	3-1/2	6	5/16	2	5.85	655.00	720.00	9

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order.

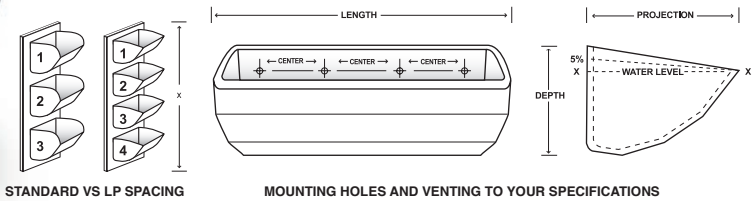
■ - Indicates CC-MAX punch pattern differs from HD-MAX.

High Speed Centrifugal Discharge 210 - 900 FPM

CC-MAX® HEAVY DUTY

Low Profile: Polyethylene, Nylon, Urethane

U.S. Patent 8,240,070



CC-MAX® Heavy Duty Low Profile

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.			CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Nylon	Uret	Water Level	Water Level +5%	Std Spacing
	in.	mm	in.	mm	in.	mm											
5 x 4	5-1/2	140	4-1/2	114	2-3/4	70	0.21	3-3/16	2	1/4	1	0.43	0.49	0.58	38.30	40.22	3
6 x 4	6-1/2	165	4-1/2	114	2-3/4	70	0.21	4-3/8	2	1/4	1	0.50	0.58	0.68	45.38	47.65	3
7 x 4	7-1/2	191	4-1/2	114	2-3/4	70	0.21	2-11/16	3	1/4	1	0.56	0.64	0.76	52.10	54.70	3
6 x 5	6-1/2	165	5-1/2	140	3-3/4	95	0.26	4-3/8	2	1/4	1	0.74	0.85	1	70.87	74.41	4
7 x 5	7-1/2	191	5-1/2	140	3-3/4	95	0.26	2-11/16	3	1/4	1	0.85	0.98	1.15	80.75	84.79	4
8 x 5	8-1/2	216	5-1/2	140	3-3/4	95	0.26	3-1/16	3	1/4	1	0.95	1.09	1.28	90.85	95.39	4
9 x 5	9-1/2	241	5-1/2	140	3-3/4	95	0.26	3-5/8	3	1/4	1	1.01	1.16	1.36	100.99	106.04	4
10 x 5	10-1/2	267	5-1/2	140	3-3/4	95	0.26	4-1/8	3	1/4	1	1.13	1.3	1.53	114.22	119.93	4
11 x 5	11-1/2	292	5-1/2	140	3-3/4	95	0.26	3	4	1/4	1	1.24	1.43	1.67	127.44	133.81	4
8 x 6	8-9/16	205	6-5/8	168	4-3/4	121	0.27	3-1/16	3	1/4	1	1.16	1.33	1.57	136.00	142.00	5
9 x 6	9-9/16	243	6-5/8	168	4-3/4	121	0.27	3-5/8	3	1/4	1	1.28	1.47	1.73	149.19	156.65	5
10 x 6	10-9/16	268	6-5/8	168	4-3/4	121	0.27	4-1/8	3	1/4	1	1.38	1.59	1.86	166.89	175.23	5
11 x 6	11-9/16	294	6-5/8	168	4-3/4	121	0.27	3	4	1/4	1	1.50	1.73	2.03	180.62	189.65	5
12 x 6	12-9/16	319	6-5/8	168	4-3/4	121	0.27	3-3/8	4	1/4	1	1.65	1.9	2.23	200.76	210.79	5
13 x 6	13-9/16	345	6-5/8	168	4-3/4	121	0.27	3-5/8	4	1/4	1	1.77	2.04	2.39	215.00	225.75	5
10 x 7	10-9/16	268	7-7/8	200	5-3/4	146	0.32	4-1/8	3	5/16	1	2.05	2.36	2.77	236.00	247.80	6
11 x 7	11-9/16	294	7-7/8	200	5-3/4	146	0.32	3	4	5/16	1	2.14	2.46	2.89	247.74	260.13	6
12 x 7	12-9/16	319	7-7/8	200	5-3/4	146	0.32	3-3/8	4	5/16	1	2.30	2.65	3.11	267.27	280.63	6
13 x 7	13-9/16	344	7-7/8	200	5-3/4	146	0.32	3-5/8	4	5/16	1	2.42	2.78	3.27	284.60	302.53	6
14 x 7	14-9/16	370	7-7/8	200	5-3/4	146	0.32	3	5	5/16	1	2.54	2.92	3.43	303.57	318.75	6
15 x 7	15-9/16	395	7-7/8	200	5-3/4	146	0.35	3-1/4	5	5/16	1	2.74	3.15	3.7	335.00	351.75	6
16 x 7	16-9/16	421	7-7/8	200	5-3/4	146	0.35	2-7/8	6	5/16	1	2.93	3.37	3.96	350.87	368.41	6
12 x 8	12-9/16	319	8-7/8	225	6-3/4	171	0.35	3-3/8	4	5/16	1	2.96	3.4	4	373.00	391.65	7
13 x 8	13-9/16	344	8-7/8	225	6-3/4	171	0.35	3-5/8	4	5/16	1	3.51	3.8	4.46	404.00	424.20	7
14 x 8	14-9/16	370	8-7/8	225	6-3/4	171	0.35	3	5	5/16	1	3.30	4.36	5.12	435.07	456.83	7
16 x 8	16-9/16	421	8-7/8	225	6-3/4	171	0.38	2-7/8	6	5/16	1	3.79	4.82	5.66	515.62	541.40	7
18 x 8	18-9/16	471	8-7/8	225	6-3/4	171	0.39	3-1/8	6	5/16	1	4.19	6.03	7.07	580.61	609.64	7
20 x 8	20-9/16	522	8-7/8	225	6-3/4	171	0.42	3-1/2	6	5/16	1	5.24	6.73	7.90	655.00	688.00	7

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order. Low profile spacing is Projection minus (-) 1 inch.

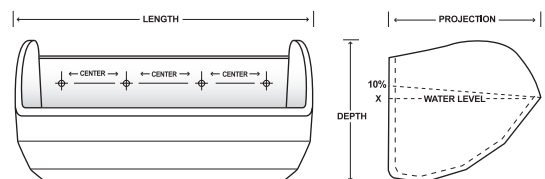
■ - Indicates CC-MAX punch pattern differs from HD-MAX.

High Speed Centrifugal Discharge 210 - 900 FPM

CC-MAX® HEAVY DUTY

Standard Profile: Nylon

U.S. Patent 8,240,070



CC-MAX® Heavy Duty: Nylon

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Nylon	Water Level	Water Level +10%	Std Spacing
	in.	mm	in.	mm	in.	mm									
5 x 4	5-1/2	140	4-1/2	114	4-1/4	108	0.21	3-3/16	2	1/4	1-7/16	0.61	38.30	42.13	5
6 x 4	6-1/2	165	4-1/2	114	4-1/4	108	0.21	4-3/8	2	1/4	1-7/16	0.70	45.38	49.92	5
7 x 4	7-1/2	191	4-1/2	114	4-1/4	108	0.21	2-11/16	3	1/4	1-7/16	0.80	52.10	57.31	5
6 x 5	6-1/2	165	5-1/2	140	5	127	0.26	4-3/8	2	1/4	1-11/16	1.02	70.87	77.96	6
7 x 5	7-1/2	191	5-1/2	140	5	127	0.26	2-11/16	3	1/4	1-11/16	1.15	80.75	88.83	6
8 x 5	8-1/2	216	5-1/2	140	5	127	0.26	3-1/16	3	1/4	1-11/16	1.25	90.85	99.94	6
9 x 5	9-1/2	241	5-1/2	140	5	127	0.26	3-5/8	3	1/4	1-11/16	1.35	100.99	111.09	6
10 x 5	10-1/2	267	5-1/2	140	5	127	0.26	4-1/8	3	1/4	1-11/16	1.51	114.22	125.64	6
11 x 5	11-1/2	292	5-1/2	140	5	127	0.26	3	4	1/4	1-11/16	1.67	127.44	140.18	6
8 x 6	8-9/16	205	6-5/8	168	6	152	0.27	3-1/16	3	1/4	2	1.61	136.00	149.60	7
9 x 6	9-9/16	243	6-5/8	168	6	152	0.27	3-5/8	3	1/4	2	1.75	149.19	164.11	7
10 x 6	10-9/16	268	6-5/8	168	6	152	0.27	4-1/8	3	1/4	2	1.89	166.89	183.58	7
11 x 6	11-9/16	294	6-5/8	168	6	152	0.27	3	4	1/4	2	1.95	180.62	198.68	7
12 x 6	12-9/16	319	6-5/8	168	6	152	0.27	3-3/8	4	1/4	2	2.20	200.76	220.83	7
13 x 6	13-9/16	345	6-5/8	168	6	152	0.27	3-5/8	4	1/4	2	2.45	215.00	236.50	7
10 x 7	10-9/16	268	7-7/8	200	7	178	0.32	4-1/8	3	5/16	2-3/16	2.70	236.00	259.60	8
11 x 7	11-9/16	294	7-7/8	200	7	178	0.32	3	4	5/16	2-3/16	2.81	247.74	272.52	8
12 x 7	12-9/16	319	7-7/8	200	7	178	0.32	3-3/8	4	5/16	2-3/16	3.02	267.27	293.99	8
13 x 7	13-9/16	344	7-7/8	200	7	178	0.32	3-5/8	4	5/16	2-3/16	3.20	284.60	316.93	8
14 x 7	14-9/16	370	7-7/8	200	7	178	0.32	3	5	5/16	2-3/16	3.40	303.57	333.93	8
15 x 7	15-9/16	395	7-7/8	200	7	178	0.35	3-1/4	5	5/16	2-3/16	3.57	335.00	368.50	8
16 x 7	16-9/16	421	7-7/8	200	7	178	0.35	2-7/8	6	5/16	2-3/16	3.78	350.87	385.95	8
12 x 8	12-9/16	319	8-7/8	225	8-1/4	210	0.35	3-3/8	4	5/16	2	3.74	373.00	409.00	9
13 x 8	13-9/16	344	8-7/8	225	8-1/4	210	0.35	3-5/8	4	5/16	2	4.03	404.00	440.00	9
14 x 8	14-9/16	370	8-7/8	225	8-1/4	210	0.35	3	5	5/16	2	4.32	435.07	478.58	9
16 x 8	16-9/16	421	8-7/8	225	8-1/4	210	0.38	2-7/8	6	5/16	2	4.85	515.62	567.18	9
18 x 8	18-9/16	471	8-7/8	225	8-1/4	210	0.39	3-1/8	6	5/16	2	5.30	580.61	638.67	9
20 x 8	20-9/16	522	8-7/8	225	8-1/4	210	0.42	3-1/2	6	5/16	2	6.73	655.00	720.00	9

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order.

■ - Indicates CC-MAX punch pattern differs from HD-MAX.

OTHER CONSIDERATIONS

DRILLING: Elevator buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.

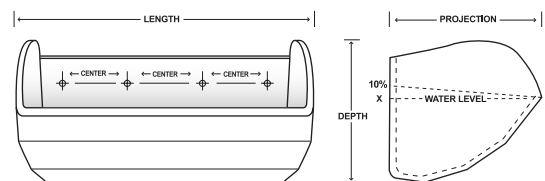
VENTING: Available as needed. See venting options in this catalog.

DIGGER BUCKETS: Use slightly larger metal digger elevator buckets to help loosen material in the elevator boot section that has set up or hardened, thereby reducing abrasion on the plastic buckets. Call for details on Metal Digger elevator bucket options.

CC-MAX® HEAVY DUTY

Standard Profile: Urethane

U.S. Patent 8,240,070



CC-MAX® Heavy Duty: Urethane

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Uret	Water Level	Water Level +10%	Std Spacing
	in.	mm	in.	mm	in.	mm									
5 x 4	5-1/2	140	4-1/2	114	4-1/4	108	0.21	3-3/16	2	1/4	1-7/16	0.72	38.30	42.13	5
6 x 4	6-1/2	165	4-1/2	114	4-1/4	108	0.21	4-3/8	2	1/4	1-7/16	0.80	45.38	49.92	5
7 x 4	7-1/2	191	4-1/2	114	4-1/4	108	0.21	2-11/16	3	1/4	1-7/16	0.88	52.10	57.31	5
6 x 5	6-1/2	165	5-1/2	140	5	127	0.26	4-3/8	2	1/4	1-11/16	1.20	70.87	77.96	6
7 x 5	7-1/2	191	5-1/2	140	5	127	0.26	2-11/16	3	1/4	1-11/16	1.40	80.75	88.83	6
8 x 5	8-1/2	216	5-1/2	140	5	127	0.26	3-1/16	3	1/4	1-11/16	1.50	90.85	99.94	6
9 x 5	9-1/2	241	5-1/2	140	5	127	0.26	3-5/8	3	1/4	1-11/16	1.65	100.99	111.09	6
10 x 5	10-1/2	267	5-1/2	140	5	127	0.26	4-1/8	3	1/4	1-11/16	1.77	114.22	125.64	6
11 x 5	11-1/2	292	5-1/2	140	5	127	0.26	3	4	1/4	1-11/16	1.96	127.44	140.18	6
8 x 6	8-9/16	205	6-5/8	168	6	152	0.27	3-1/16	3	1/4	2	1.95	136.00	149.60	7
9 x 6	9-9/16	243	6-5/8	168	6	152	0.27	3-5/8	3	1/4	2	2.10	149.19	164.11	7
10 x 6	10-9/16	268	6-5/8	168	6	152	0.27	4-1/8	3	1/4	2	2.25	166.89	183.58	7
11 x 6	11-9/16	294	6-5/8	168	6	152	0.27	3	4	1/4	2	2.40	180.62	198.68	7
12 x 6	12-9/16	319	6-5/8	168	6	152	0.27	3-3/8	4	1/4	2	2.55	200.76	220.83	7
13 x 6	13-9/16	345	6-5/8	168	6	152	0.27	3-5/8	4	1/4	2	2.88	215.00	236.50	7
10 x 7	10-9/16	268	7-7/8	200	7	178	0.32	4-1/8	3	5/16	2-3/16	3.17	236.00	259.60	8
11 x 7	11-9/16	294	7-7/8	200	7	178	0.32	3	4	5/16	2-3/16	3.29	247.74	272.52	8
12 x 7	12-9/16	319	7-7/8	200	7	178	0.32	3-3/8	4	5/16	2-3/16	3.55	267.27	293.99	8
13 x 7	13-9/16	344	7-7/8	200	7	178	0.32	3-5/8	4	5/16	2-3/16	3.75	284.60	316.93	8
14 x 7	14-9/16	370	7-7/8	200	7	178	0.32	3	5	5/16	2-3/16	3.97	303.57	333.93	8
15 x 7	15-9/16	395	7-7/8	200	7	178	0.35	3-1/4	5	5/16	2-3/16	4.19	335.00	368.50	8
16 x 7	16-9/16	421	7-7/8	200	7	178	0.35	2-7/8	6	5/16	2-3/16	4.44	350.87	385.95	8
12 x 8	12-9/16	319	8-7/8	225	8-1/4	210	0.35	3-3/8	4	5/16	2	4.39	373.00	409.00	9
13 x 8	13-9/16	344	8-7/8	225	8-1/4	210	0.35	3-5/8	4	5/16	2	4.73	404.00	440.00	9
14 x 8	14-9/16	370	8-7/8	225	8-1/4	210	0.35	3	5	5/16	2	5.08	435.07	478.58	9
16 x 8	16-9/16	421	8-7/8	225	8-1/4	210	0.38	2-7/8	6	5/16	2	5.81	515.62	567.18	9
18 x 8	18-9/16	471	8-7/8	225	8-1/4	210	0.39	3-1/8	6	5/16	2	6.47	580.61	638.67	9
20 x 8	20-9/16	522	8-7/8	225	8-1/4	210	0.42	3-1/2	6	5/16	2	7.90	655.00	720.00	9

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order.

■ - Indicates CC-MAX punch pattern differs from HD-MAX.

OTHER CONSIDERATIONS (Cont.)

SPACING: See elevator bucket spacing details in the size chart (depending on materials and speeds, smaller and larger spacing may be used).

INSTALLATION: Use a #1 standard elevator bolt or Sabre-Tooth elevator bolt for installation. Designed to be used with fender or flat and lock washers and hex or locking nuts. If buckets are being installed on chain, use hex head bolts, nuts and washers.

FDA: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products.

AVAILABILITY: Some sizes may not be stocked in nylon or urethane and will only be available by special order. Minimum quantities will apply.

HD-STAX® STACKABLE

High Speed Centrifugal Discharge 210 - 900 FPM

THE MAXI-LIFT HD-STAX

THE PERFECT BUCKET
KEEPS GETTING BETTER!

BETTER STACKING:

NESTED STACKS OF BUCKETS ARE
SEALED IN SHRINK-WRAPPED SLEEVES
FOR MORE EFFICIENT SHIPPING & STORAGE

MAXIMUM STACKABILITY = MAXIMUM SAVINGS:

MORE LIFE, MORE EFFICIENT, MORE CAPACITY...
LESS COST, LESS SPACE, LESS REPLACEMENT

23 SIZES (AND COUNTING) AVAILABLE:

FROM 3" TO 8" PROJECTIONS, WITH
MULTIPLE WIDTHS FOR EACH DEPTH AVAILABLE



HD-STAX®
STACKABLE HEAVY DUTY BUCKETS

U.S. Patent
D748157

FEATURES & BENEFITS

- 3 Sided Reinforced Front Lip for Digging, Longer Life, More Reliability
- Stackable: Efficient Shipping, Reduced Storage
- High Impact & Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Extends Bucket Life
- Increases Elevator Capacity
- Cleaner Discharge
- Lowers Elevator Maintenance
- Decreases Elevator Down Time



Stackable / Nesting Buckets



Reinforced 3-Sided Lip



Reinforced Front Lip



Compact Shipping / Storage

HD-STAX® STACKABLE

High Speed Centrifugal Discharge 210 - 900 FPM



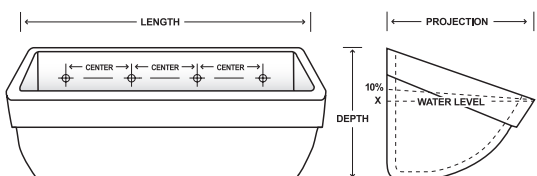
HD-STAX®
STACKABLE HEAVY DUTY BUCKETS



HD-STAX®
STACKABLE HEAVY DUTY BUCKETS

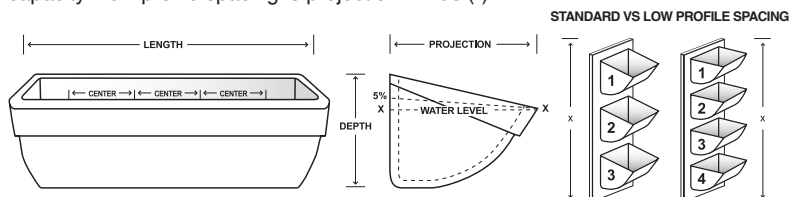
HD-STAX® STACKABLE: STANDARD PROFILE

The **HD-STAX** is a patented **stackable** elevator bucket, designed to give long life, more capacity, better reliability, and will optimize your shipping and storing costs. Designed to stack (nest) together, the **HD-STAX** gives you up to 3 times more buckets per box, skid and container. The **HD-STAX** bucket simply slides together to provide more savings in storage and shipping costs. The **HD-STAX** also features a thicker, heavier wear lip, molded across the front and sides of the bucket, for a tougher, stronger and longer lasting design. The wear lip is thicker in the corners to give you sustainable life when digging in tough agricultural applications. Minimum spacing is nominal projection plus (+) 1".



HD-STAX® STACKABLE: LOW PROFILE

The **HD-STAX Low Profile** bucket has a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to **HD-STAX Heavy Duty Low Profile** buckets, horsepower requirements must be evaluated due to increased capacity. Low profile spacing is projection minus (-) 1".



AVAILABLE MATERIALS

	POLYETHYLENE
Color	White
Application	Grain & Food Products
Temperature Range	-60° F to + 180° F (210° F Intermittent)
FDA Approved Material	Yes
Comments	Economical, high density polyethylene. FDA approved material for handling food grade products.

APPLICATIONS



FOOD

Barley, Beans, Corn, Cotton Seed, Coffee, Flour, Grains, Nuts, Rice, Sunflower, Oats, Salt, Sugar, Wheat, etc.



FEED

Bone Meal, Pellets, Meat Scrap, etc.



OTHER

Seeds, Grass Seed, Fertilizer, Perlite, Potash, Sawdust, Minerals, etc.

BETTER STACKING, SHIPPING & STORAGE

The **HD-STAX** is designed to nest inside adjacent buckets for better stacking, shipping and storage. Saving up to 3 times the space while shipping saves you money.

HD-STAX's stackability combined with Maxi-Lift's shrink-wrapped shipping system provides the most compact, economical freight solution of any comparable bucket.



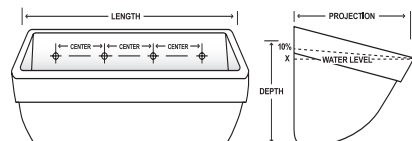
HD-STAX® STACKABLE

High Speed Centrifugal Discharge 210 - 900 FPM



HD-STAX®

STACKABLE HEAVY DUTY BUCKETS



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

HD-STAX® Heavy Duty: Polyethylene

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Water Level	Usable 5 Deg.	Std Spacing
	in.	mm	in.	mm	in.	mm									
4 x 3	4-1/4	108	3-5/8	92	2-7/8	73	0.25	2-1/4	2	1/4	7/8	0.22	16	18	4
5 x 4	5-5/8	143	4-5/8	118	4	102	0.32	3-3/16	2	1/4	1-1/8	0.47	38	42	5
6 x 4	6-5/8	168	4-5/8	118	4	102	0.32	4-3/8	2	1/4	1-1/8	0.55	46	51	5
7 x 4	7-5/8	194	4-5/8	118	4	102	0.32	2-5/8	3	1/4	1-1/8	0.61	52	57	5
6 x 5	6-3/4	172	5-3/4	146	5	127	0.35	4-3/8	2	1/4	1-5/8	0.81	72	79	6
7 x 5	7-3/4	197	5-3/4	146	5	127	0.35	2-5/8	3	1/4	1-5/8	0.92	85	94	6
8 x 5	8-3/4	222	5-3/4	146	5	127	0.35	3-1/16	3	1/4	1-5/8	1.00	103	113	6
9 x 5	9-3/4	248	5-3/4	146	5	127	0.35	3-1/2	3	1/4	1-5/8	1.10	110	121	6
8 x 6	8-11/16	221	6-7/8	175	6-1/8	156	0.36	3-1/16	3	1/4	1-5/8	1.39	140	154	7
9 x 6	9-11/16	246	6-7/8	175	6-1/8	156	0.36	3-1/2	3	1/4	1-5/8	1.51	158	174	7
10 x 6	10-11/16	271	6-7/8	175	6-1/8	156	0.36	4	3	1/4	1-5/8	1.63	176	194	7
11 x 6	11-11/16	297	6-7/8	175	6-1/8	156	0.36	3	4	1/4	1-5/8	1.75	194	213	7
12 x 6	12-11/16	322	6-7/8	175	6-1/8	156	0.36	3-3/8	4	1/4	1-5/8	1.88	212	233	7
13 x 6	13-11/16	348	6-7/8	175	6-1/8	156	0.36	3-5/8	4	1/4	1-5/8	1.99	230	253	7
10 x 7	10-15/16	278	7-15/16	202	7-1/8	181	0.38	4	3	5/16	1-7/8	2.30	246	271	8
11 x 7	11-15/16	303	7-15/16	202	7-1/8	181	0.38	3	4	5/16	1-7/8	2.51	272	299	8
12 x 7	12-15/16	329	7-15/16	202	7-1/8	181	0.38	3-3/8	4	5/16	1-7/8	2.68	296	326	8
13 x 7	13-15/16	354	7-15/16	202	7-1/8	181	0.38	3-5/8	4	5/16	1-7/8	2.83	320	352	8
14 x 7	14-15/16	379	7-15/16	202	7-1/8	181	0.38	3	5	5/16	1-7/8	2.98	345	380	8
16 x 7	16-15/16	430	7-15/16	202	7-1/8	181	0.38	3-1/2	5	5/16	1-7/8	3.34	400	440	8
12 x 8	13-1/8	333	8-15/16	227	8-1/8	206	0.40	3-3/8	4	5/16	2	3.69	395	435	9
14 x 8	15-1/8	384	8-15/16	227	8-1/8	206	0.40	3	5	5/16	2	4.14	470	517	9
16 x 8	16-1/8	435	8-15/16	227	8-1/8	206	0.40	3-1/2	5	5/16	2	4.58	550	605	9
18 x 8	19-1/8	486	8-15/16	227	8-1/8	206	0.40	3-1/8	6	5/16	2	5.04	615	677	9

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order. Special punching available upon request.

■ - Indicates HD-STAX punch pattern differs from TIGER-TUFF & CC-MAX.

OTHER CONSIDERATIONS

DRILLING: Elevator buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.

VENTING: Available as needed. See venting options in this catalog.

DIGGER BUCKETS: Use slightly larger metal digger elevator buckets to help loosen material in the elevator boot section that has set up or hardened, thereby reducing abrasion on the plastic buckets. Call for details on Metal Digger elevator bucket options.

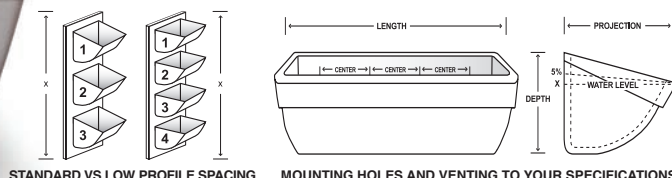
High Speed Centrifugal Discharge 210 - 900 FPM

HD-STAX® STACKABLE

High Speed Centrifugal Discharge 210 - 900 FPM



HD-STAX®
STACKABLE HEAVY DUTY BUCKETS



HD-STAX® Heavy Duty Low Profile

BUCKET SIZE								PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Water Level	Usable 5 Deg.	Std Spacing
	in.	mm	in.	mm	in.	mm									
5 x 4	5-5/8	143	4-5/8	118	3-1/2	89	0.32	3-3/16	2	1/4	1	0.41	38	40	3-1/2
6 x 4	6-5/8	168	4-5/8	118	3-1/2	89	0.32	4-3/8	2	1/4	1	0.48	46	48	3-1/2
7 x 4	7-5/8	194	4-5/8	118	3-1/2	89	0.32	2-5/8	3	1/4	1	0.54	52	55	3-1/2
6 x 5	6-3/4	172	5-3/4	146	4	102	0.35	4-3/8	2	1/4	1	0.69	72	76	4
7 x 5	7-3/4	197	5-3/4	146	4	102	0.35	2-5/8	3	1/4	1	0.75	85	89	4
8 x 5	8-3/4	222	5-3/4	146	4	102	0.35	3-1/16	3	1/4	1	0.82	103	108	4
9 x 5	9-3/4	248	5-3/4	146	4	102	0.35	3-1/2	3	1/4	1	0.90	110	116	4
8 x 6	8-11/16	221	6-7/8	175	4-7/8	124	0.36	3-1/16	3	1/4	1	1.26	140	147	5
9 x 6	9-11/16	246	6-7/8	175	4-7/8	124	0.36	3-1/2	3	1/4	1	1.37	158	166	5
10 x 6	10-11/16	271	6-7/8	175	4-7/8	124	0.36	4	3	1/4	1	1.45	176	185	5
11 x 6	11-11/16	297	6-7/8	175	4-7/8	124	0.36	3	4	1/4	1	1.61	194	204	5
12 x 6	12-11/16	322	6-7/8	175	4-7/8	124	0.36	3-3/8	4	1/4	1	1.72	212	223	5
13 x 6	13-11/16	348	6-7/8	175	4-7/8	124	0.36	3-5/8	4	1/4	1	1.82	230	242	5
10 x 7	10-15/16	278	7-15/16	202	6	152	0.38	4	3	5/16	1	2.17	246	258	6
11 x 7	11-15/16	303	7-15/16	202	6	152	0.38	3	4	5/16	1	2.29	272	286	6
12 x 7	12-15/16	329	7-15/16	202	6	152	0.38	3-3/8	4	5/16	1	2.50	296	311	6
13 x 7	13-15/16	354	7-15/16	202	6	152	0.38	3-5/8	4	5/16	1	2.63	320	336	6
14 x 7	14-15/16	379	7-15/16	202	6	152	0.38	3	5	5/16	1	2.76	345	362	6
16 x 7	16-15/16	430	7-15/16	202	6	152	0.38	3-1/2	5	5/16	1	3.06	400	420	6
12 x 8	13-1/8	333	8-15/16	227	6-3/4	171	0.40	3-3/8	4	5/16	1	3.41	395	415	7
14 x 8	15-1/8	384	8-15/16	227	6-3/4	171	0.40	3	5	5/16	1	3.81	470	494	7
16 x 8	16-1/8	435	8-15/16	227	6-3/4	171	0.40	3-1/2	5	5/16	1	4.23	550	578	7
18 x 8	19-1/8	486	8-15/16	227	6-3/4	171	0.40	3-1/8	6	5/16	1	4.64	615	646	7

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order. Low profile spacing is Projection minus (-) 1 inch. Special punching available upon request.

■ - Indicates HD-STAX punch pattern differs from TIGER-TUFF & CC-MAX.

OTHER CONSIDERATIONS (Cont.)

SPACING: See elevator bucket spacing details in the size chart (depending on materials and speeds, smaller and larger spacing may be used).

INSTALLATION: Use a #1 standard elevator bolt or Sabre-Tooth elevator bolt for installation. Designed to be used with fender or flat and lock washers and hex or locking nuts. If buckets are being installed on chain, use hex head bolts, nuts and washers.

FDA: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products.

AVAILABILITY: Some sizes may not be stocked in nylon or urethane and will only be available by special order. Minimum quantities will apply.

High Speed Centrifugal Discharge 210 - 900 FPM

DURA-BUKET® SS SUPER STRENGTH

High Speed Centrifugal Discharge 220 - 900 FPM

THE MAXI-LIFT DURA-BUKET

THE ORIGINAL PLASTIC ELEVATOR BUCKET

THE BUCKET THAT STARTED IT ALL:
ELEVATING GRAINS, FERTILIZERS
AND FEED FOR OVER 60 YEARS.

BETTER DISCHARGE:
THE SS DISCHARGES EARLIER, GIVING MORE
TIME FOR MATERIAL TO FLOW OUT OF BUCKET.

DURABLE. IT'S IN THE NAME:
DURABLE-BUCKET: AFTER HALF A CENTURY,
NOT MUCH REMAINS TO BE SAID.



FEATURES & BENEFITS

- Lightweight
- Shape Memory
- Cleaner Discharge
- Tapered End Cap Design
- Non-Corrosive, Non-Sparking
- Resists Hang-Ups



Traditional Raised Ears



Front Lip



Center Brace



Corners

DURA-BUKET® SS

High Speed Centrifugal Discharge 220 - 900 FPM



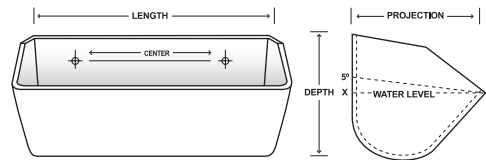
Dura-Buket



Dura-Buket

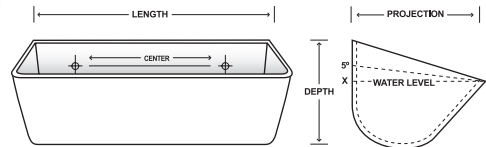
DURA-BUKET® SS SUPER STRENGTH

The **SS** or **SUPER STRENGTH DURA-BUKET** is the original plastic elevator bucket. The **SUPER STRENGTH** elevator bucket has been running for over 60 years. It is designed at a 45-degree discharge angle and can be spaced closer on a belt giving a clean superior discharge. This bucket is lightweight and tapered for easy shipping and storage. The most common applications include grain, wheat, corn, flour, sugar and other agricultural applications. The **SS** has the most versatile design of any grain bucket and performs well in a broad range of speeds and applications. Standard spacing is nominal projection + 1".



DURA-BUKET® LP LOW PROFILE

The **LP** or **LOW PROFILE DURA-BUKET** is a modification to the original plastic elevator bucket, the **SS**. It is designed at a 45-degree discharge angle and can be spaced closer on a belt giving a clean superior discharge. The most common applications include grain, wheat, corn, flour, sugar and other agricultural applications. This bucket has a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to Low Profile buckets horsepower requirements must be evaluated due to increased capacity. Low profile spacing is projection minus (-) 1".



AVAILABLE MATERIALS

	POLYETHYLENE
Color	White
Application	Grain & Food Products
Temperature Range	-60° F to + 180° F (210° F Intermittent)
FDA Approved Material	Yes
Comments	Economical, high density polyethylene. FDA approved material for handling food grade products.

OTHER CONSIDERATIONS

ENGINEERING: Please see Engineering section of catalog for detailed engineering, speed and capacity information.

DRILLING: Elevator Buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.

*Mounting Holes drilled 1/32 to 1/16 over bolt diameter for easier application.

VENTING: Available as needed. See venting options in this catalog.

AVAILABILITY: Some sizes may not be stocked in nylon or urethane and will only be available by special order. Minimum quantities will apply.

APPLICATIONS



FOOD

Barley, Beans, Corn, Cotton Seed, Coffee, Flour, Grains, Nuts, Rice, Sunflower, Oats, Salt, Sugar, Wheat, etc.



FEED

Bone Meal, Pellets, Meat Scrap, etc.

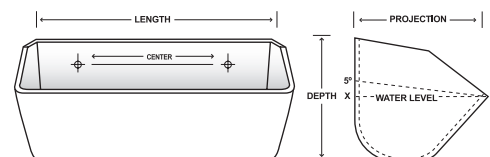


OTHER

Seeds, Grass Seed, Fertilizer, Perlite, Potash, Sawdust, Minerals, etc.

DURA-BUKET® SS

Standard Profile: Polyethylene



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

DURA-BUKET SS: Polyethylene

BUCKET SIZE	BUCKET SIZE						PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
	Length		Projection		Depth		Centers	# of Holes	Bolt Size	Top Down	HDPE	Water Level	Usable 5 Deg.	Minimum Spacing
4 x 3	4-1/4	108	3-1/8	79	3	76	2-1/4	2	1/4	1	0.94	10.4	11.0	4
5 x 4	5-1/4	133	4-1/8	105	3-3/4	95	3-3/16	2	1/4	1	1.10	24.4	29.9	5
6 x 4	6-1/4	159	4-1/8	105	3-3/4	95	4-3/8	2	1/4	1	1.25	30.8	33.1	5
7 x 4	7-1/4	184	4-1/8	105	3-3/4	95	2-11/16	3	1/4	1	1.41	33.6	36.7	5
6 x 5	6-3/8	162	5-1/4	133	4-7/8	124	4-3/8	2	1/4	1-1/4	1.57	47.1	52.0	6
7 x 5 +	7-3/8	187	5-1/4	133	4-7/8	124	2-5/8	3	1/4	1-1/4	1.72	61.6	62.4	6
8 x 5	8-3/8	213	5-1/4	133	4-7/8	124	3-1/16	3	1/4	1-1/4	1.88	67.7	69.8	6
9 x 5	9-3/8	238	5-1/4	133	4-7/8	124	3-1/4	3	1/4	1-1/4	1.82	69.6	77.1	6
8 x 6	8-3/8	213	6-3/8	162	6-1/4	159	3-1/16	3	1/4	1-1/4	1.97	104.4	107.7	7
9 x 6 +	9-3/8	238	6-5/8	162	6-1/4	159	3-1/2	3	1/4	1-1/4	2.13	124.5	132.2	7
10 x 6	10-3/8	264	6-3/8	162	6-1/4	159	4	3	1/4	1-3/4	2.29	128.2	145.8	7
11 x 6	11-3/8	289	6-3/8	162	6-1/4	159	3	4	1/4	1-3/4	2.44	147.7	157.9	7
12 x 6** +	12	305	6-3/4	171	6-1/2	165	3-3/8	4	1/4	1-3/4	2.60	172.1	183.6	7
13 x 6**	13-3/8	340	6-3/4	171	6-1/2	165	3-5/8	4	1/4	1-3/4	3.60	196.5	208.7	7
10 x 7	10-3/8	264	7-3/8	187	7-1/4	184	4	3	5/16	1-3/4	3.86	175.8	187.3	8
11 x 7	11-3/8	289	7-3/8	187	7-1/4	184	3	4	5/16	1-3/4	4.14	210.5	216.7	8
12 x 7**	12-3/8	314	7-3/8	187	7-1/4	184	3-3/8	4	5/16	1-3/4	4.47	223.2	241.1	8
13 x 7**	13-3/8	340	7-3/8	187	7-1/4	184	3-5/8	4	5/16	1-3/4	4.68	236.8	244.8	8
14 x 7**	14-3/8	365	7-3/8	187	7-1/4	184	3	5	5/16	1-1/2	4.45	269.7	290.1	8
15 x 7**	15-3/8	391	7-3/8	187	7-1/4	184	3-1/4	5	5/16	1-1/2	4.71	284.4	295.0	8
16 x 7**	16-3/8	416	7-3/8	187	7-1/4	184	3-1/2	5	5/16	1-1/2	4.92	289.9	304.8	8
12 x 8**	12-3/8	314	8-3/8	213	8-1/4	210	3-3/8	4	5/16	1-3/4	5.30	272.5	299.9	9
14 x 8**	14-3/8	365	8-3/8	213	8-1/4	210	3	5	5/16	1-1/2	5.35	324.7	364.8	9
16 x 8**	16-3/8	416	8-3/8	213	8-1/4	210	3-1/2	5	5/16	2	5.89	362.5	407.6	9
18 x 8**	18-3/8	467	8-3/8	213	8-1/4	210	3-1/8	6	5/16	2	6.62	404.9	440.6	9

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order. *Buckets with 12" lengths and up have a center brace. + Buckets are designed without ears on the ends of the parts.

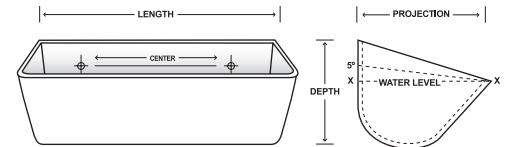
Low profile spacing is Projection minus (-) 1 inch.

■ - Indicates SS and LP punch patterns differ.

High Speed Centrifugal Discharge 220 - 900 FPM

DURA-BUKET® LP

Low Profile: Polyethylene



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

DURA-BUKET LP: LOW PROFILE

BUCKET SIZE	BUCKET SIZE						PUNCHING, IN.				WEIGHT, LBS.	CAPACITY, CU. IN.		
	Length		Projection		Depth		Centers	# of Holes	Bolt Size	Top Down	HDPE	Water Level X-X	Usable 5° over X - 5°	Minimum Spacing
4 x 3	4-1/4	108	3-1/8	79	3	76	2-1/4	2	1/4	1	0.15	10.4	11.0	3
5 x 4	5-1/4	133	4-1/8	105	3	76	3-3/16	2	1/4	1	0.25	24.4	29.9	3-1/4
6 x 4	6-1/4	159	4-1/8	105	3	76	4-1/4	2	1/4	1	0.29	30.8	33.1	3-1/4
7 x 4	7-1/4	184	4-1/8	105	3	76	2-5/8	3	1/4	1	0.34	33.6	36.7	3-1/4
6 x 5	6-3/8	162	5-1/4	133	3-3/4	95	4-1/4	2	1/4	1	0.47	47.1	52.0	3-3/4
7 x 5 +	7-3/8	187	5-1/4	133	3-3/4	95	2-5/8	3	1/4	1	0.51	61.6	62.4	3-3/4
8 x 5	8-3/8	213	5-1/4	133	3-3/4	95	3-1/16	3	1/4	1	0.52	67.7	69.8	3-3/4
9 x 5	9-3/8	238	5-1/4	133	3-3/4	95	3-1/4	3	1/4	1	0.64	69.6	77.1	3-3/4
8 x 6	8-3/8	213	6-3/8	162	4-1/2	114	2-11/16	3	5/16	1	0.80	104.4	107.7	4-3/8
9 x 6 +	9-3/8	238	6-5/8	162	4-1/2	114	3-1/2	3	5/16	1	0.93	124.5	132.2	4-3/8
10 x 6	10-3/8	264	6-3/8	162	4-1/2	114	4	3	5/16	1	0.87	128.2	145.8	4-3/8
11 x 6	11-3/8	289	6-3/8	162	4-1/2	114	2-7/8	4	5/16	1	0.98	147.7	157.9	4-3/8
12 x 6** +	12	305	6-3/4	171	5	127	3-1/4	4	5/16	1	1.43	172.1	183.6	5
13 x 6**	13-3/8	340	6-3/4	171	5	127	3-5/8	4	5/16	1	1.61	196.5	208.7	5
10 x 7	10-3/8	264	7-3/8	187	5-1/4	133	4	3	5/16	1	1.25	175.8	187.3	5
11 x 7	11-3/8	289	7-3/8	187	5-1/4	133	3	4	5/16	1	1.25	210.5	216.7	5
12 x 7**	12-3/8	314	7-3/8	187	5-1/4	133	3-1/4	4	5/16	1	1.64	223.2	241.1	5
13 x 7**	13-3/8	340	7-3/8	187	5-1/4	133	3-5/8	4	5/16	1	1.71	236.8	244.8	5
14 x 7**	14-3/8	365	7-3/8	187	5-1/4	133	4	4	5/16	1	1.83	269.7	290.1	5
15 x 7**	15-3/8	391	7-3/8	187	5-1/4	133	2-5/8	6	5/16	1	1.97	284.4	295.0	5
16 x 7**	16-3/8	416	7-3/8	187	5-1/4	133	2-5/8	6	5/16	1	2.06	289.9	304.8	5
12 x 8**	12-3/8	314	8-3/8	213	5-3/4	146	3-1/4	4	5/16	1-1/4	1.87	272.5	299.9	5-1/2
14 x 8**	14-3/8	365	8-3/8	213	5-3/4	146	4	4	5/16	1-1/4	2.05	324.7	364.8	5-1/2
16 x 8**	16-3/8	416	8-3/8	213	5-3/4	146	2-5/8	6	5/16	1-1/4	2.72	362.5	407.6	5-1/2
18 x 8**	18-3/8	467	8-3/8	213	5-3/4	146	3-1/8	6	5/16	1-1/4	3.00	404.9	440.6	5-1/2

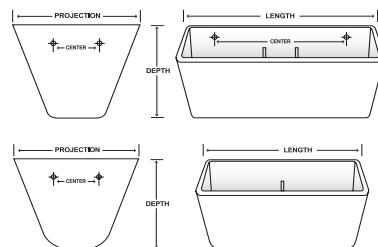
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■ - Indicates SS and LP punch patterns differ.

High Speed Centrifugal Discharge 220 - 900 FPM

DURA-BUKET® PEANUT BUCKET

No Ears - Style P: Polyethylene



NO EARS - STYLE P: PEANUT BUCKET

BUCKET SIZE							PUNCHING, IN.					WEIGHT, LBS.	CAPACITY CU. IN.
BUCKET SIZE	Length		Projection		Depth		Centers	# of Holes	Bolt Size	Top Down	Top Side to Center	HDPE	Water Level
	in.	mm	in.	mm	in.	mm							
6 x 4	6-1/8	155.58	4-3/8	111.13	3-1/8	79.38	2	2 (Ends)	1/4	1	1	0.33	47.47
7 x 5	7-1/8	180.98	5-3/4	146.05	4-1/8	104.78	2	2 (Ends)	1/4	1	7/8	0.60	91.53
9 x 5	9-1/8	231.78	5-3/4	146.05	4-1/8	104.78	2	2 (Ends)	1/4	1	1	0.79	117.77
9 x 6	9-1/8	231.78	7	177.80	5-1/2	139.70	2	2 (Ends)	1/4	1	1	1.09	192.82
12 x 6	12	304.80	6-3/4	171.45	5-1/2	139.70	2	2 (Ends)	1/4	1	1	1.63	257.08
18 x 6	18	457.20	7-3/4	196.85	5-1/2	139.70	2	2 (Ends)	1/4	1	1	2.85	408.83
24 x 6	24-3/8	619.13	7-3/4	196.85	5-3/8	136.53	2	2 (Ends)	1/4	1	1	3.23	610.23
11 x 7	11-1/8	282.58	8-1/8	206.38	6	152.40	2	2 (Ends)	1/4	1	1	1.56	314.25
14 x 7	14-3/8	365.13	7-3/8	187.33	6 -1/4	158.75	2	2 (Ends)	1/4	1	1	2.23	414.94
16 x 7	16-1/8	409.58	7-3/8	187.33	6	152.40	2	2 (Ends)	1/4	1	1	2.53	434.46
12 x 8	12-1/8	307.98	8-3/8	212.73	7	177.80	2	2 (Ends)	1/4	1	1	2.26	408.83
18 x 8	18-1/4	463.55	8-7/8	225.43	7-1/16	179.39	2	2 (Ends)	1/4	1	1	3.25	404.90
24 x 10	24-1/8	612.78	9-1/8	231.78	7-5/8	193.68	2-1/2	2 (Ends)	3/8	3-1/2	1	5.86	1067.85

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Some sizes are made to order.

CC STEEL, STEEL DIGGER BUCKETS

Fabricated Steel Buckets

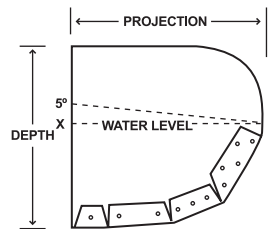


CC-STEEL ELEVATOR BUCKET

(See Chart on Pg 50)

STANDARD DUTY CC-STEEL

The **CC STEEL** Elevator Buckets is made of mild steel for mounting on belt or chain. Traditional agriculture style bucket can also be transformed into a heavier gauge steel for lighter weight industrial duty applications. Elevator buckets can be made from 18GA to 1/4" thick carbon steel and stainless steel. Buckets are vented as #3 standard. Buckets are spot welded.



FEATURES & BENEFITS

- Traditional CC Shape
- High Speed
- High Capacity
- High Wear Resistance



STEEL DIGGER ELEVATOR BUCKETS

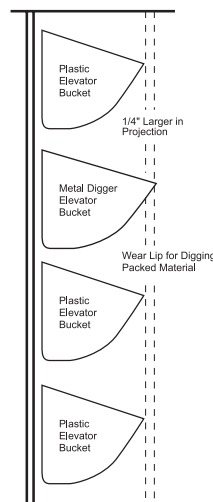
(CC-DIGGER SHOWN)

(See Chart on Pg 51)

CUSTOM SIZES OF STEEL DIGGER
ELEVATOR BUCKETS
AVAILABLE UPON REQUEST

STEEL DIGGER BUCKETS

Maxi-Lift **DIGGER** buckets aid in breaking up material in the boot section of a bucket elevator. Diggers extend 1/4" further than plastic elevator buckets. Weights and dimensions will vary. Tolerance is a 1/4" on all bucket dimensions except bolt hole diameter which is 1/16". Capacity is based off of plastic elevator buckets of similar style. Buckets available in carbon or stainless steel. Additional AR wear lips, back plates and venting available upon request. Buckets available in other gauges including 14GA, 12GA, 10GA, 7GA, 1/4" thick.

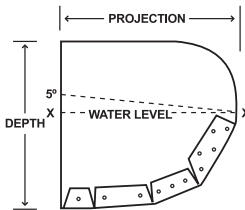


FEATURES & BENEFITS

- Thicker Walls, Heavy Front Lip for Digging
- Increase Plastic Bucket Life
- Breaks Packed Materials
- Easy to Install

STANDARD DUTY CC STEEL

Other Sizes Available Upon Request



CC-STEEL ELEVATOR BUCKET

STANDARD DUTY CC METAL

BUCKET SIZE	BUCKET SIZE, INCHES				PUNCHING, INCHES			WEIGHT, LBS.		CAPACITY, CU. IN.		
	Projection		Depth		Centers	# of Holes	Bolt Size	Standard Gauge	Approx. Weight - LBS.	Gross Capacity Cu. In.	Minimum Spacing	Number Per Carton
	in.	mm	in.	mm								
4 x 3	3-3/16	81	2-11/16	68	2-1/2	2	1/4	16	.62	22	5	84
4 x 4	4-3/16	106	4	101	2-1/2	2	1/4	18	.90	39	6	84
5 x 4	4-3/16	106	4	101	3-3/16	2	1/4	18	.95	52	6	84
6 x 4	4-3/16	106	4	101	4-3/8	2	1/4	18	1.10	62	6	84
7 x 4	4-3/16	106	4	101	2-11/16	3	1/4	18	1.25	70	6	84
8 x 4	4-3/16	106	4	101	3-1/16	3	1/4	18	1.50	79	6	84
9 x 4	4-3/16	106	4	101	3-5/8	3	1/4	18	1.70	90	6	56
6 x 5	5-1/4	133	5	127	4-3/8	2	1/4	16	1.60	94	7	54
7 x 5	5-1/4	133	5	127	2-11/16	3	1/4	16	1.75	110	7	54
8 x 5	5-1/4	133	5	127	3-1/16	3	1/4	16	2.00	125	7	54
9 x 5	5-1/4	133	5	127	3-5/8	3	1/4	16	2.50	140	7	36
10 x 5	5-1/4	133	5	127	4-1/8	3	1/4	16	2.70	155	7	36
11 x 5	5-1/4	133	5	127	3	4	1/4	16	2.90	170	7	36
12 x 5	5-1/4	133	5	127	3-3/8	4	1/4	16	3.00	185	7	36
7 x 6	6-5/16	160	6	152	2-11/16	3	1/4	16	2.85	155	8	36
8 x 6	6-5/16	160	6	152	3-1/16	3	1/4	16	3.10	178	8	36
9 x 6	6-5/16	160	6	152	3-5/8	3	1/4	16	3.40	202	8	24
10 x 6	6-5/16	160	6	152	4-1/8	3	1/4	16	3.50	222	8	24
11 x 6	6-5/16	160	6	152	3	4	1/4	16	3.75	244	8	24
12 x 6	6-5/16	160	6	152	3-3/8	4	1/4	16	4.00	267	8	24
13 x 6	6-5/16	160	6	152	3-5/8	4	1/4	16	4.50	289	8	24
14 x 6	6-5/16	160	6	152	3	5	1/4	16	4.75	312	8	24
8 x 7	7-3/16	183	7	178	3-1/16	3	5/16	14	4.60	242	9	24
9 x 7	7-3/16	183	7	178	3-5/8	3	5/16	14	4.80	276	9	24
10 x 7	7-3/16	183	7	178	4-1/8	3	5/16	14	5.00	302	9	16
11 x 7	7-3/16	183	7	178	3	4	5/16	14	5.25	333	9	16
12 x 7	7-3/16	183	7	178	3-3/8	4	5/16	14	6.25	362	9	16
13 x 7	7-3/16	183	7	178	3-5/8	4	5/16	14	6.75	393	9	16
14 x 7	7-3/16	183	7	178	3	5	5/16	14	7.00	424	9	16
15 x 7	7-3/16	183	7	178	3-1/4	5	5/16	14	7.50	454	9	8
16 x 7*	7-3/16	183	7	178	2-7/8	6	5/16	14	8.00	486	9	8
18 x 7*	7-3/16	183	7	178	3-1/8	6	5/16	14	8.50	544	9	8
20 x 7*	7-3/16	183	7	178	3-1/2	6	5/16	14	9.25	605	9	8
22 x 7*	7-3/16	183	7	178	4	6	5/16	14	10.00	664	9	8
24 x 7*	7-3/16	183	7	178	3-1/2	7	5/16	14	10.75	725	9	8
9 x 8	8-1/8	206	8	203	3-5/8	3	5/16	14	5.60	349	10	16
10 x 8	8-1/8	206	8	203	4-1/8	3	5/16	14	6.10	388	10	16
11 x 8	8-1/8	206	8	203	3	4	5/16	14	6.75	427	10	16
12 x 8	8-1/8	206	8	203	3-3/8	4	5/16	14	7.50	466	10	16
13 x 8	8-1/8	206	8	203	3-5/8	4	5/16	14	7.75	505	10	16
14 x 8	8-1/8	206	8	203	3	5	5/16	14	8.25	543	10	16
15 x 8	8-1/8	206	8	203	3-1/4	5	5/16	14	8.50	582	10	8
16 x 8*	8-1/8	206	8	203	2-7/8	6	5/16	14	9.00	621	10	8
17 x 8*	8-1/8	206	8	203	3	6	5/16	14	9.50	660	10	8
18 x 8*	8-1/8	206	8	203	3-1/8	6	5/16	14	9.75	698	10	8
20 x 8*	8-1/8	206	8	203	3-1/2	6	5/16	14	10.75	776	10	8
22 x 8*	8-1/8	206	8	203	4	6	5/16	14	11.50	854	10	8
24 x 8*	8-1/8	206	8	203	3-1/2	7	5/16	14	12.00	931	10	8

* Supplied with lip brace. Lip brace is optional on other sizes at slightly higher cost. ** Other sizes available on request ***  indicates buckets are stocked vented and non-vented. #3 Vent pattern does not include holes on ends of elevator bucket. Usable capacity is based on 75% gross capacity.

STEEL DIGGER BUCKETS

HD-MAX®, CC-MAX® & TIGER-TUFF®

HD-MAX® STEEL DIGGERS

BUCKET SIZE, INCHES						
BUCKET SIZE	Length		Proj.		Depth	
	in.	mm	in.	mm	in.	mm
3 x 2	3-3/4	95	2-9/16	65	2-1/4	57
4 x 3	4-7/8	124	3-1/2	89	3	76
5 x 4	5-3/4	146	4-3/4	121	4	102
6 x 4	6-3/4	171	4-3/4	121	4	102
7 x 4	7-3/4	197	4-3/4	121	4	102
6 x 5	6-7/8	175	5-7/8	149	5	127
7 x 5	7-7/8	200	5-7/8	149	5	127
8 x 5	8-7/8	225	5-7/8	149	5	127
9 x 5	9-7/8	251	5-7/8	149	5	127
10 x 5	10-3/4	273	5-7/8	149	5	127
11 x 5	11-3/4	298	5-7/8	149	5	127
12 x 5	12-3/4	324	5-7/8	149	5	127
8 x 6	8-7/8	225	6-7/8	175	6	152
9 x 6	9-7/8	251	6-7/8	175	6	152
10 x 6	10-7/8	276	7-1/8	181	6	152
11 x 6	11-7/8	302	7-1/8	181	6	152
12 x 6	12-7/8	327	7-1/8	181	6	152
13 x 6	13-7/8	352	7-1/8	181	6	152
10 x 7	10-3/4	273	8	203	7-1/8	181
11 x 7	11-3/4	298	8	203	7-1/8	181
12 x 7	12-3/4	324	8	203	7-1/8	181
13 x 7	13-3/4	349	8	203	7-1/8	181
14 x 7	14-3/4	375	8	203	7-1/8	181
15 x 7	15-3/4	400	8	203	7-1/8	181
16 x 7	16-3/4	425	8	203	7-1/8	181
10 x 8	10-3/4	273	9	229	8	203
11 x 8	11-3/4	298	9	229	8	203
12 x 8	12-3/4	324	9	229	8	203
13 x 8	13-3/4	349	9	229	8	203
14 x 8	14-3/4	375	9	229	8	203
15 x 8	15-3/4	400	9	229	8	203
16 x 8	16-3/4	425	9	229	8	203
18 x 8	18-3/4	476	9	229	8	203

CC-MAX® STEEL DIGGERS

BUCKET SIZE, INCHES						
BUCKET SIZE	Length		Proj.		Depth	
	in.	mm	in.	mm	in.	mm
5 x 4	6	152	4-3/4	121	4-1/4	108
6 x 4	7	178	4-3/4	121	4-1/4	108
7 x 4	8	203	4-3/4	121	4-1/4	108
6 x 5	7	178	5-3/4	146	5	127
7 x 5	8	203	5-3/4	146	5	127
8 x 5	9	229	5-3/4	146	5	127
9 x 5	10	254	5-3/4	146	5	127
10 x 5	11	279	5-3/4	146	5	127
11 x 5	11-13/16	300	5-3/4	146	5	127
8 x 6	8-13/16	224	7-1/8	181	6	152
9 x 6	9-13/16	249	7-1/8	181	6	152
10 x 6	10-13/16	275	7-1/8	181	6	152
11 x 6	11-13/16	300	7-1/8	181	6	152
12 x 6	12-13/16	325	7-1/8	181	6	152
13 x 6	13-13/16	351	7-1/8	181	6	152
10 x 7	10-13/16	275	8-1/8	206	7	178
11 x 7	11-13/16	300	8-1/8	206	7	178
12 x 7	12-13/16	325	8-1/8	206	7	178
13 x 7	13-13/16	351	8-1/8	206	7	178
14 x 7	14-13/16	376	8-1/8	206	7	178
15 x 7	15-13/16	402	8-1/8	206	7	178
16 x 7	16-13/16	427	8-1/8	206	7	178
12 x 8	12-13/16	325	9-1/8	232	8-1/4	210
13 x 8	13-13/16	351	9-1/8	232	8-1/4	210
14 x 8	14-13/16	376	9-1/8	232	8-1/4	210
16 x 8	16-13/16	427	9-1/8	232	8-1/4	210
18 x 8	18-13/16	478	9-1/8	232	8-1/4	210
20 x 8	20-13/16	529	9-1/8	232	8-1/4	210

TIGER-TUFF® STEEL DIGGERS (Additional Sizes Available, Call for Details)

BUCKET SIZE, INCHES							PUNCHING, INCHES			WEIGHT, LBS.	CAPACITY, CU. IN.	
BUCKET SIZE	Length		Projection		Depth		Centers	# of Holes	Bolt Size	10 GA Carbon Steel	Water Level X-X	Usable 5° over X - 5°
	in.	mm	in.	mm	in.	mm						
12 x 7	13-3/8	340	8-1/8	206	7	178	3-3/8	4	5/16	15.70	283.18	312.06
13 x 7	14-3/8	365	8-1/8	206	7	178	3-5/8	4	5/16	16.35	292.51	323.22
14 x 7	15-3/8	390	8-1/8	206	7	178	3	5	5/16	17.00	331.49	365.30
15 x 7	16-3/8	416	8-1/8	206	7	178	3-1/4	5	5/16	17.65	346.64	383.38
16 x 7	17-3/8	441	8-1/8	206	7	178	2-7/8	6	5/16	18.30	379.90	418.65
11 x 8	12-3/8	314	8-1/8	206	8-1/4	210	3	4	5/16	17.33	340.02	374.70
12 x 8	13-3/8	340	9-1/8	232	8-1/4	210	3-3/8	4	5/16	18.90	373.00	411.08
13 x 8	13-7/8	352	9-1/8	232	8-1/4	210	3-5/8	4	5/16	19.90	404.85	446.15
14 x 8	15-7/8	403	9-1/8	232	8-1/4	210	3	5	5/16	21.30	436.80	481.35
16 x 8	17-1/2	445	9-3/4	248	8-1/8	206	2-7/8	6	5/16	23.10	512.57	566.39
18 x 8	19-1/2	495	9-3/4	248	8-1/4	210	3-1/8	6	5/16	25.20	567.49	627.08
20 x 8	21-1/2	546	9-3/4	248	8-1/4	210	3-1/2	6	5/16	27.00	646.81	714.73
22 x 8	23-1/2	597	9-3/4	248	8-1/4	210	4	6	5/16	29.43	701.90	757.40
24 x 8	25-1/2	648	9-3/4	248	8-1/4	210	3-1/2	7	5/16	31.37	763.40	831.08
16 x 10	17-1/2	445	11-3/4	298	10	254	2-7/8	6	5/16	30.00	795.70	875.37
18 x 10	19-1/4	489	11-1/2	292	10	254	3-1/8	6	5/16	32.50	910.00	1001.21
20 x 10	21-1/2	546	11-1/2	292	10	254	3-1/2	6	5/16	35.60	1032.5	1135.98

To begin seeing the unique advantages of our tougher, thicker, and longer lasting maximum duty elevator buckets, please complete the following information and fax this page to 972-735-8896. We will send you 3 FREE BUCKETS.

USER INFORMATION (Primary Bucket Contact)

Name Title

Company Name

Shipping Address

City State Zip

Phone Fax

Current Bucket Supplier

1. Average Bucket Life

2. Current Bucket Brand Name

3. Size & Style Now in Use

4. Current Bucket Problem

5. Material Being Elevated

6. Current Belt Spacing

7. Hole Punch Spacing

8. Belt Width

* We are unable to pay for shipping expenses on samples shipping outside the U.S.
Free samples limited to injection molded designs

SELECT BUCKET STYLE:

☐



TIGER-TUFF

MAXIMUM DUTY ELEVATOR BUCKETS.

MAXIMUM DUTY



☐



TIGER-CC

MAXIMUM DUTY ELEVATOR BUCKETS.

MAXIMUM DUTY



☐



HD-MAX

HEAVY DUTY BUCKETS

HEAVY DUTY



☐



CC-MAX

HEAVY DUTY



☐



HD-STAX

STACKABLE HEAVY DUTY BUCKETS

STACKABLE



☐



TIGER-TUFF

INDUSTRIAL ELEVATOR BUCKETS.

MAXIMUM DUTY INDUSTRIAL



☐



TIGER-CC

INDUSTRIAL ELEVATOR BUCKETS.

MAXIMUM DUTY INDUSTRIAL



☐



MAXI-TUFF AA

ELEVATOR BUCKET

MAXIMUM DUTY INDUSTRIAL



☐



MAXI-TUFF MF

ELEVATOR BUCKET

MAXIMUM DUTY INDUSTRIAL



AGRICULTURAL

INDUSTRIAL