

MAXI-LIFT



AGRICULTURAL ELEVATOR BUCKETS

UPGRADE TO THE TOUGHEST
ELEVATOR BUCKETS

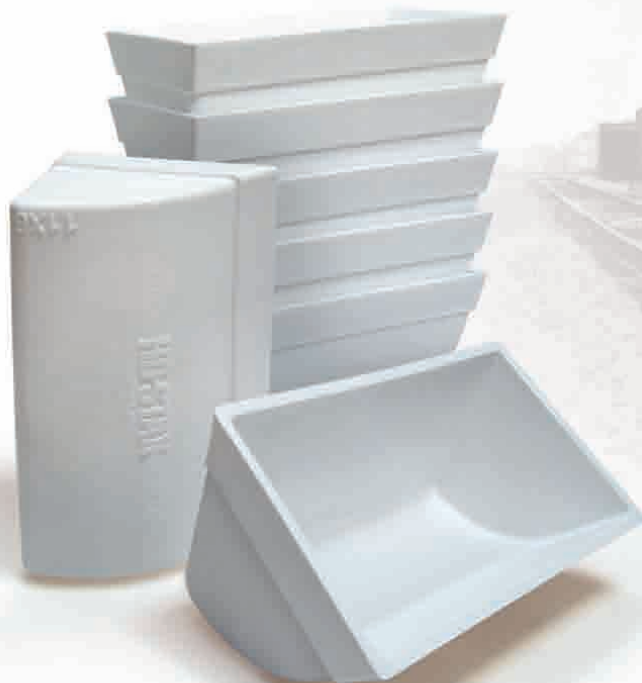
- **TIGER-TUFF**
MAXIMUM DUTY
- **TIGER-CC**
MAXIMUM DUTY
- **HD-MAX**
HEAVY DUTY
- **HD-STAX**
STACKABLE
- **CC-MAX**
HEAVY DUTY
- **DURA-BUKET**
STANDARD DUTY



NEW PRODUCTS

HD-STAX Line Grows, ULTRA Splice Released!

HD-STAX
STACKABLE HEAVY DUTY BUCKETS



STACKABLE HD-STAX

THE PERFECT BUCKET KEEPS GETTING BETTER

How do you improve on the perfect elevator bucket? You make more of them! Since its launch in 2105, the **HD-STAX** line has continued to expand, now featuring 24 sizes. This stackable bucket offers longer life, increased capacity and better reliability. The **HD-STAX's** patented design allows nearly 3X as many buckets per skid / box... saving you space & money!

See Pages 32-35 for Details.

MAXI-SPLICE
SUPER

MAXI-SPLICE
ULTRA



ULTRA & SUPER SPLICES

SUPER STRENGTH & ULTRA COMPACT DESIGNS

The next generation of belt splices has arrived! With its larger, heavy duty twin-bolt design, the **MAXI-SPLICE SUPER** is ideal for the higher capacities / larger loads. It's counterpart, the smaller, single-bolt **MAXI-SPLICE ULTRA** is engineered to give you all of the **MAXI-SPLICE SUPER** advantages in a smaller package.

See Page 92-93 for Details.

NEW PRODUCTS

Continually Striving To Bring You Better Products

ML
NEW PRODUCTS

ELEVATOR BELTING

BUNDLES BUCKETS & BELT



MAXI-LIFT BELTING

RUBBER & PVC BELTING PUNCHED TO ORDER

Maxi-Lift is now proud to offer the highest quality **PVC** and **RUBBER ELEVATOR BELTING**. Our PVC Belting is heavy-duty interwoven-constructed and offers excellent service in applications requiring low stretch / good tear resistance properties. Our heavy-duty plied Rubber Belting is optimized for bucket elevators or conveyors handling oil-treated grain or natural fats where combustion properties are a concern.

See Page 90-91 for Details.

ELEVATOR BUNDLES!

BELTING, BUCKETS, SPLICES & BOLTS: ALL-IN-ONE BUNDLE

From Buckets to Belting, or Elevator Bolts to Splices, MAXI-LIFT is your Single Source for your elevator needs. MAXI-LIFT ELEVATOR BUCKET BUNDLES take the guess-work out of the process. You receive the right buckets, belt splices and hardware - all with a pre-cut, pre-drilled belt. Everything you need comes in a single bundle with a single invoice.

See Page 50-51 for Details.

TIGER-TUFF® MAXIMUM DUTY

High Speed Centrifugal Discharge 210 - 900 FPM

THE MAXI-LIFT TIGER-TUFF



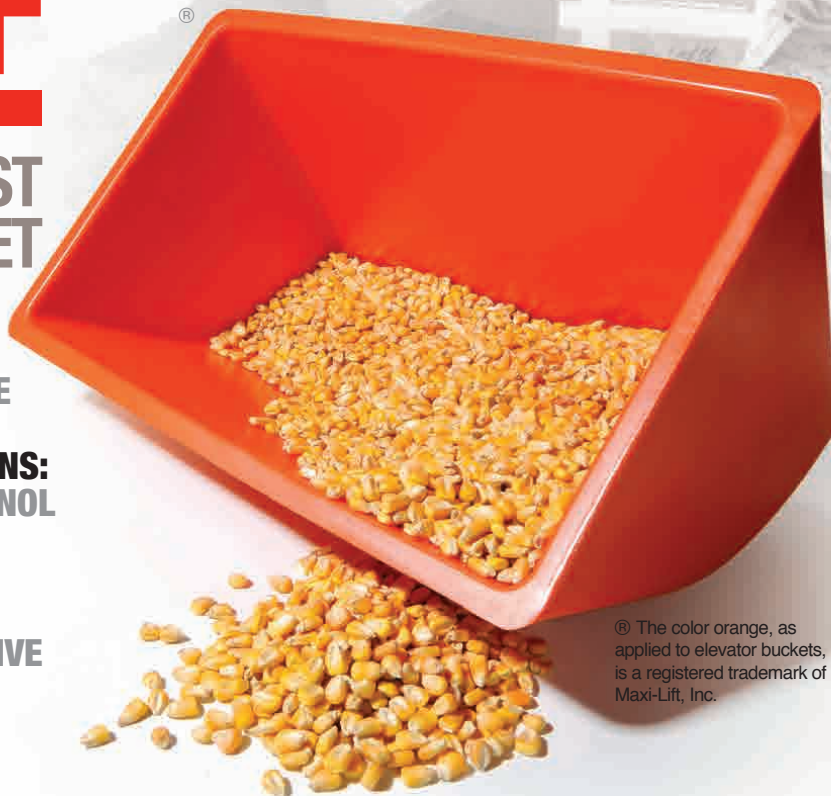
TIGER-TUFF
MAXIMUM DUTY ELEVATOR BUCKETS®

UPGRADE TO THE TOUGHEST ELEVATOR BUCKET

THICKER. TOUGHER. LASTS LONGER:
WHEN YOU DON'T HAVE TIME FOR DOWN-TIME

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

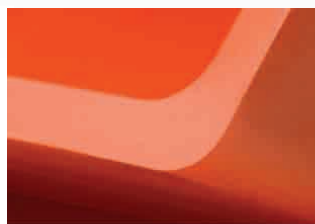
ENGINEERED FOR ULTIMATE RELIABILITY:
THE THICKEST FRONT LIP AND CORNERS GIVE
LONGEST BUCKET LIFE



® The color orange, as
applied to elevator 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

AG
TIGER-TUFF



TIGER-TUFF® MAXIMUM DUTY

High Speed Centrifugal Discharge 210 - 900 FPM



TIGER-TUFF

MAXIMUM DUTY ELEVATOR BUCKETS®

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	-120° 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.

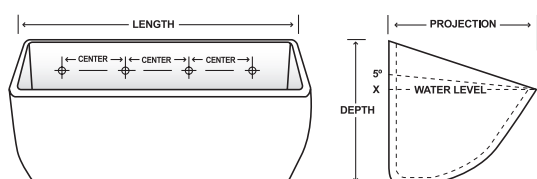
TIGER-TUFF®: PROFILES

Which Bucket is Right For You?



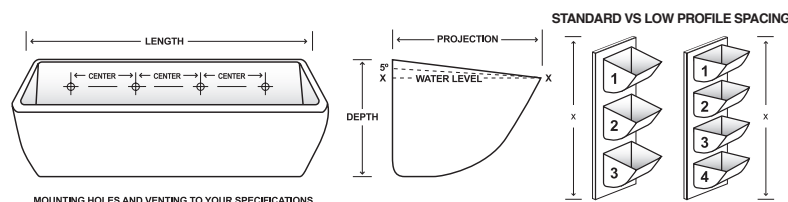
TIGER-TUFF® STANDARD PROFILE

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. The recommended belt width for a single row of buckets is actual bucket width 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.



OTHER CONSIDERATIONS

ENGINEERING: Please see Section 5 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.

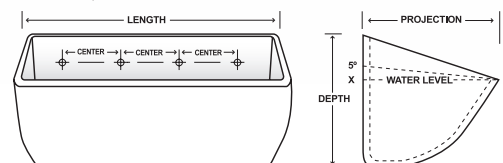
USABLE CAPACITY: Under normal usage, the Tiger-Tuff® elevator bucket will carry and deliver +5° of the water level cubic inch capacity.

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

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

TIGER-TUFF® MAXIMUM DUTY

Standard Profile: Polyethylene



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

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TIGER-TUFF® Maximum Duty: Polyethylene

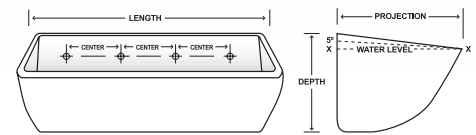
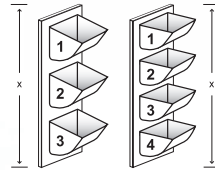
BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Water Level	Usable 5 Deg.	Std. Spacing
6 x 5	6-5/8	5-3/4	5	0.33	4-3/8	2	1/4	1-5/8	0.94	67.20	73.98	6
7 x 5	7-5/8	5-3/4	5	0.33	2-11/16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

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.
 ■ Indicates TIGER-TUFF punch pattern differs from HD-MAX. TIGER-TUFF and CC-MAX standard patterns are the same. **Reference Punching Chart on page 112.

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

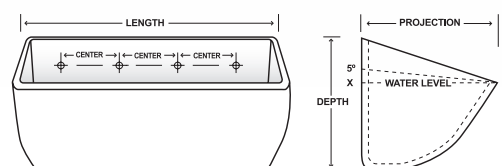
BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.			CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Nylon	Uret	Water Level	Usable 5 Deg.	Std. Spacing
6 x 5	6-5/8	5-3/4	4	0.33	4-3/8	2	1/4	1	0.84	0.96	1.05	67.20	73.98	4
7 x 5	7-5/8	5-3/4	4	0.33	2-11/16	3	1/4	1	0.98	1.12	1.22	79.72	89.24	4
8 x 5	8-5/8	5-3/4	4	0.33	3-1/16	3	1/4	1	1.11	1.27	1.39	88.54	97.98	4
9 x 5	9-5/8	5-3/4	4	0.33	3-5/8	3	1/4	1	1.25	1.43	1.56	107.37	121.27	4
10 x 5	10-5/8	5-3/4	4	0.33	4-1/8	3	1/4	1	1.40	1.61	1.75	121.30	138.89	4
11 x 5	11-5/8	5-3/4	4	0.33	3	4	1/4	1	1.53	1.75	1.91	140.70	153.16	4
12 x 5	12-5/8	5-3/4	4	0.33	3-3/8	4	1/4	1	1.67	1.92	2.08	159.87	167.14	4
8 x 6	8-5/8	6-7/8	5	0.40	3-1/16	3	1/4	1	1.64	1.88	2.05	135.56	150.85	5
9 x 6	9-5/8	6-7/8	5	0.40	3-5/8	3	1/4	1	1.77	2.03	2.21	150.26	165.87	5
10 x 6	10-5/8	6-7/8	5	0.40	4-1/8	3	1/4	1	1.92	2.20	2.40	170.69	185.62	5
11 x 6	11-5/8	6-7/8	5	0.40	3	4	1/4	1	2.06	2.36	2.57	185.18	200.36	5
12 x 6	12-5/8	6-7/8	5	0.40	3-3/8	4	1/4	1	2.20	2.52	2.75	200.37	220.58	5
13 x 6	13-5/8	6-7/8	5	0.40	3-5/8	4	1/4	1	2.34	2.68	2.92	220.78	240.48	5
12 x 7	12-7/8	7-7/8	5-3/4	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	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	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	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	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	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	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	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	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	0.50	2-7/8	6	5/16	1	4.82	5.68	6.96	512.57	566.39	7
18 x 8	19	9-1/4	6-3/4	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	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	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	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	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	0.75	3-1/8	6	5/16	1	9.83	10.17	-	101.00	1001.21	9
20 x 10	21	11-1/4	8-1/2	0.75	3-1/2	6	5/16	1	10.27	11.02	-	1032.50	1135.98	9

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High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-TUFF® MAXIMUM DUTY

Standard Profile: Nylon



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

TIGER-TUFF® Maximum Duty: Nylon

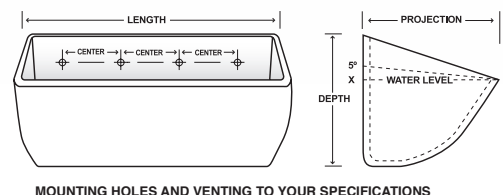
BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length**	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Nylon	Water Level	Usable 5 Deg.	Std. Spacing
6 x 5	6-5/8	5-3/4	5	0.33	4-3/8	2	1/4	1-5/8	1.08	67.20	73.98	6
7 x 5	7-5/8	5-3/4	5	0.33	2-11/16	3	1/4	1-5/8	1.26	79.72	89.24	6
8 x 5	8-5/8	5-3/4	5	0.33	3-1/16	3	1/4	1-5/8	1.44	88.54	97.98	6
9 x 5	9-5/8	5-3/4	5	0.33	3-5/8	3	1/4	1-5/8	1.60	107.37	121.27	6
10 x 5	10-5/8	5-3/4	5	0.33	4-1/8	3	1/4	1-5/8	1.80	121.30	138.89	6
11 x 5	11-5/8	5-3/4	5	0.33	3	4	1/4	1-5/8	1.98	140.70	153.16	6
12 x 5	12-5/8	5-3/4	5	0.33	3-3/8	4	1/4	1-5/8	2.16	159.87	167.14	6
8 x 6	8-5/8	6-7/8	6	0.40	3-1/16	3	1/4	1-5/8	2.09	135.56	150.85	7
9 x 6	9-5/8	6-7/8	6	0.40	3-5/8	3	1/4	1-5/8	2.26	150.26	165.87	7
10 x 6	10-5/8	6-7/8	6	0.40	4-1/8	3	1/4	1-5/8	2.40	170.69	185.62	7
11 x 6	11-5/8	6-7/8	6	0.40	3	4	1/4	1-5/8	2.63	185.18	200.36	7
12 x 6	12-5/8	6-7/8	6	0.40	3-3/8	4	1/4	1-5/8	2.81	200.37	220.58	7
13 x 6	13-5/8	6-7/8	6	0.40	3-5/8	4	1/4	1-5/8	2.99	220.78	240.48	7
12 x 7	12-7/8	7-7/8	7	0.42	3-3/8	4	5/16	2	4.00	269.24	298.12	8
13 x 7	13-7/8	7-7/8	7	0.42	3-5/8	4	5/16	2	4.44	292.51	323.22	8
14 x 7	14-7/8	7-7/8	7	0.42	3	5	5/16	2	4.75	315.77	350.58	8
15 x 7	15-7/8	7-7/8	7	0.42	3-1/4	5	5/16	2	5.00	346.64	383.38	8
16 x 7	16-7/8	7-7/8	7	0.42	2-7/8	6	5/16	2	5.50	377.41	415.14	8
11 x 8	11-7/8	8-7/8	8-1/4	0.50	3	4	5/16	2	5.16	340.02	374.70	9
12 x 8	12-7/8	8-7/8	8-1/4	0.50	3-3/8	4	5/16	2	5.10	373.00	411.05	9
13 x 8	13-7/8	8-7/8	8-1/4	0.50	3-5/8	4	5/16	2	5.20	404.85	446.15	9
14 x 8	14-7/8	8-7/8	8-1/4	0.50	3	5	5/16	2	5.40	436.80	481.35	9
16 x 8	17	9-1/4	8-1/4	0.50	2-7/8	6	5/16	2-1/2	6.25	512.57	566.39	9
18 x 8	19	9-1/4	8-1/4	0.50	3-1/8	6	5/16	2-1/2	6.95	567.49	627.08	9
20 x 8	21	9-1/4	8-1/4	0.50	3-1/2	6	5/16	2-1/2	7.40	646.81	714.73	9
22 x 8	23	9-1/4	8-1/4	0.50	4	6	5/16	2-1/2	9.00	701.90	757.40	9
24 x 8	25	9-1/4	8-1/4	0.50	3-1/2	7	5/16	2-1/2	10.15	763.40	831.08	9
16 x 10	17	11-1/4	10	0.75	2-7/8	6	5/16	2-1/2	10.75	795.70	875.37	11
18 x 10	19	11-1/4	10	0.75	3-1/8	6	5/16	2-1/2	11.20	910.00	1001.21	11
20 x 10	21	11-1/4	10	0.75	3-1/2	6	5/16	2-1/2	11.95	1032.50	1135.98	11

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.
 ■ Indicates TIGER-TUFF punch pattern differs from HD-MAX. TIGER-TUFF and CC-MAX standard patterns are the same. **Reference Punching Chart on page 112.

High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-TUFF® MAXIMUM DUTY

Standard Profile: Urethane



TIGER-TUFF® Maximum Duty: Urethane

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Uret	Water Level	Usable 5 Deg.	Std. Spacing
6 x 5	6-5/8	5-3/4	5	0.33	4-3/8	2	1/4	1-5/8	1.18	67.20	73.98	6
7 x 5	7-5/8	5-3/4	5	0.33	2-11/16	3	1/4	1-5/8	1.38	79.72	89.24	6
8 x 5	8-5/8	5-3/4	5	0.33	3-1/16	3	1/4	1-5/8	1.57	88.54	97.98	6
9 x 5	9-5/8	5-3/4	5	0.33	3-5/8	3	1/4	1-5/8	1.77	107.37	121.27	6
10 x 5	10-5/8	5-3/4	5	0.33	4-1/8	3	1/4	1-5/8	1.97	121.30	138.89	6
11 x 5	11-5/8	5-3/4	5	0.33	3	4	1/4	1-5/8	2.16	140.70	153.16	6
12 x 5	12-5/8	5-3/4	5	0.33	3-3/8	4	1/4	1-5/8	2.36	159.87	167.14	6
8 x 6	8-5/8	6-7/8	6	0.40	3-1/16	3	1/4	1-5/8	2.28	135.56	150.85	7
9 x 6	9-5/8	6-7/8	6	0.40	3-5/8	3	1/4	1-5/8	2.47	150.26	165.87	7
10 x 6	10-5/8	6-7/8	6	0.40	4-1/8	3	1/4	1-5/8	2.67	170.69	185.62	7
11 x 6	11-5/8	6-7/8	6	0.40	3	4	1/4	1-5/8	2.87	185.18	200.36	7
12 x 6	12-5/8	6-7/8	6	0.40	3-3/8	4	1/4	1-5/8	3.05	200.37	220.58	7
13 x 6	13-5/8	6-7/8	6	0.40	3-5/8	4	1/4	1-5/8	3.25	220.78	240.48	7
12 x 7	12-7/8	7-7/8	7	0.42	3-3/8	4	5/16	2	4.85	269.24	298.12	8
13 x 7	13-7/8	7-7/8	7	0.42	3-5/8	4	5/16	2	5.50	292.51	323.22	8
14 x 7	14-7/8	7-7/8	7	0.42	3	5	5/16	2	5.75	315.77	350.58	8
15 x 7	15-7/8	7-7/8	7	0.42	3-1/4	5	5/16	2	5.85	346.64	383.38	8
16 x 7	16-7/8	7-7/8	7	0.42	2-7/8	6	5/16	2	5.95	377.41	415.14	8
11 x 8	11-7/8	8-7/8	8-1/4	0.50	3	4	5/16	2	6.02	340.02	374.70	9
12 x 8	12-7/8	8-7/8	8-1/4	0.50	3-3/8	4	5/16	2	5.95	373.00	411.05	9
13 x 8	13-7/8	8-7/8	8-1/4	0.50	3-5/8	4	5/16	2	6.30	404.85	446.15	9
14 x 8	14-7/8	8-7/8	8-1/4	0.50	3	5	5/16	2	6.55	436.80	481.35	9
16 x 8	17	9-1/4	8-1/4	0.50	2-7/8	6	5/16	2-1/2	7.35	512.57	566.39	9
18 x 8												
20 x 8												
22 x 8												
24 x 8												
16 x 10												
18 x 10												
20 x 10												
Not Available in this Material.												

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

■ Indicates TIGER-TUFF punch pattern differs from HD-MAX. TIGER-TUFF and CC-MAX standard patterns are the same. **Reference Punching Chart on page 112.

High Speed Centrifugal Discharge 210 - 900 FPM

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

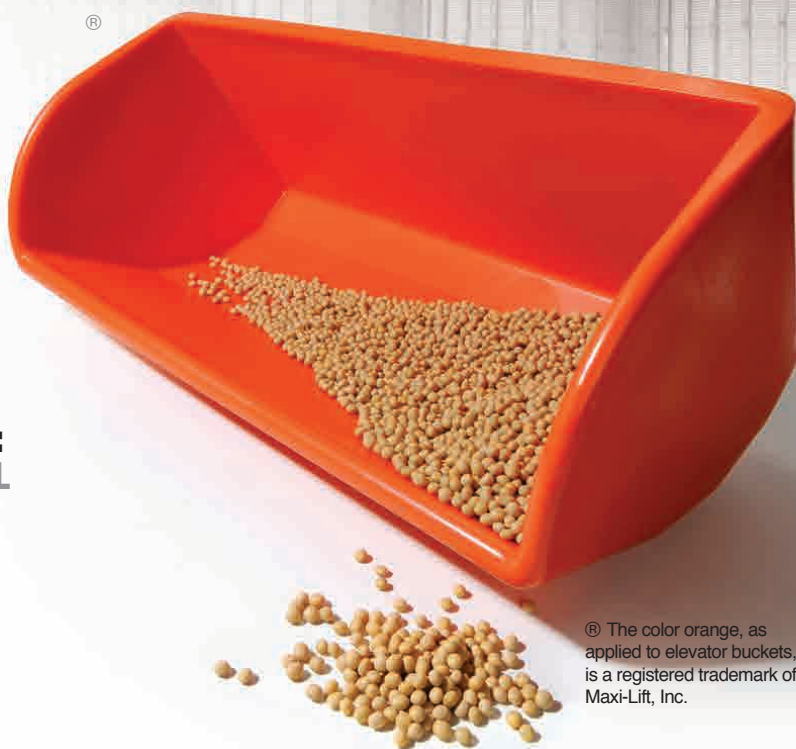
THICKER. TOUGHER. LASTS LONGER:
FOR THOSE WHO DON'T HAVE TIME TO BE DOWN

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



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



Reinforced Corners



Heavy Front Lip



Traditional CC Breaks



Thick Back Wall

TIGER-CC® MAXIMUM DUTY

High Speed Centrifugal Discharge 210 - 900 FPM



TIGER-CC
MAXIMUM DUTY ELEVATOR BUCKETS®

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	-120° 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.



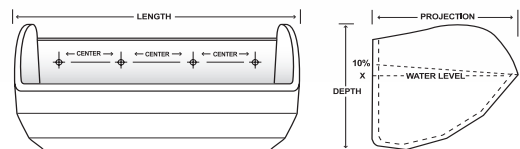
OTHER

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

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

TIGER-CC® MAXIMUM DUTY

Standard Profile: Polyethylene



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

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

TIGER-CC® Maximum Duty: Polyethylene

The **TIGER-CC** Maximum Duty Elevator Buckets was 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. The recommended belt width for a single row of buckets is actual bucket width plus 1".

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Water Level	Water Level +10%	Std. Spacing
10 x 7	10-7/8	8-1/8	6-7/8	0.50	4-1/8	3	5/16	2-3/16	3.60	217	239	8
11 x 7	11-7/8	8-1/8	6-7/8	0.50	3	4	5/16	2-3/16	3.85	236	260	8
12 x 7	12-7/8	8-1/8	6-7/8	0.50	3-3/8	4	5/16	2-3/16	4.04	258	284	8
13 x 7	13-7/8	8-1/8	6-7/8	0.50	3-5/8	4	5/16	2-3/16	4.30	300	330	8
14 x 7	14-7/8	8-1/8	6-7/8	0.50	3	5	5/16	2-3/16	4.54	313	344	8
15 x 7	15-7/8	8-1/8	6-7/8	0.50	3-1/4	5	5/16	2-3/16	4.78	339	373	8
16 x 7	16-7/8	8-1/8	6-7/8	0.50	2-7/8	6	5/16	2-3/16	4.99	352	387	8
12 x 8	12-7/8	9-1/4	8-7/8	0.55	3-3/8	4	5/16	2	4.90	366	403	9
14 x 8	14-7/8	9-1/4	8-7/8	0.55	3	5	5/16	2	5.40	430	473	9
16 x 8	16-7/8	9-1/4	8-7/8	0.55	2-7/8	6	5/16	2	5.90	510	561	9
18 x 8	18-7/8	9-1/4	8-7/8	0.55	3-1/8	6	5/16	2	6.60	560	616	9
20 x 8	20-7/8	9-1/4	8-7/8	0.55	3-1/2	6	5/16	2	7.20	655	720	9
18 x 10	19	11-1/2	10-3/8	0.70	3-1/8	6	3/8	2-1/4	11.56	915	1005	11
20 x 10	21	11-1/2	10-3/8	0.70	3-1/2	6	3/8	2-1/4	12.20	1005	1106	11
21 x 10	22	11-1/2	10-3/8	0.70	3-5/8	6	3/8	2-1/4	12.60	1055	1161	11
22 x 10	23	11-1/2	10-3/8	0.70	4	6	3/8	2-1/4	13.00	1105	1216	11
23 x 10	24	11-1/2	10-3/8	0.70	3-3/8	7	3/8	2-1/4	13.50	1155	1271	11
24 x 10	25	11-1/2	10-3/8	0.70	3-1/2	7	3/8	2-1/4	14.00	1206	1327	11
25 x 10	26	11-1/2	10-3/8	0.70	3-5/8	7	3/8	2-1/4	14.40	1256	1381	11
26 x 10	27	11-1/2	10-3/8	0.70	3-7/8	7	3/8	2-1/4	14.80	1306	1437	11
27 x 10	28	11-1/2	10-3/8	0.70	3-3/8	8	3/8	2-1/4	15.30	1356	1492	11
28 x 10	29	11-1/2	10-3/8	0.70	3-5/8	8	3/8	2-1/4	15.80	1400	1540	11

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

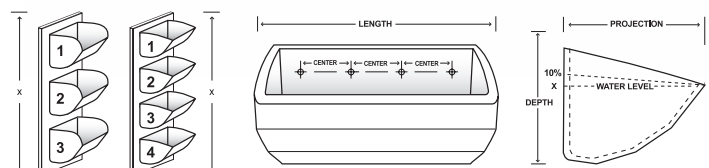
■ Indicates Available upon request - extended lead time required **Reference Punching Chart on page 112.

High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-CC® MAXIMUM DUTY

Low Profile: Polyethylene, Nylon, Urethane

NEW SIZES!
ENHANCED
DESIGNS



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

STANDARD VS LOW PROFILE SPACING

MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

TIGER-CC® Maximum Duty 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.

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.			CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Nylon	Uret	Water Level	Water Level + 5%	Std. Spacing
10 x 7	10-7/8	8-1/8	5-3/4	0.50	4-1/8	3	5/16	1	3.08	3.49	3.85	217	228	6
11 x 7	11-7/8	8-1/8	5-3/4	0.50	3	4	5/16	1	3.35	3.79	4.19	236	248	6
12 x 7	12-7/8	8-1/8	5-3/4	0.50	3-3/8	4	5/16	1	3.56	4.03	4.45	258	271	6
13 x 7	13-7/8	8-1/8	5-3/4	0.50	3-5/8	4	5/16	1	3.75	4.25	4.69	300	315	6
14 x 7	14-7/8	8-1/8	5-3/4	0.50	3	5	5/16	1	4.02	4.55	5.03	313	329	6
15 x 7	15-7/8	8-1/8	5-3/4	0.50	3-1/4	5	5/16	1	4.22	4.78	5.28	339	356	6
16 x 7	16-7/8	8-1/8	5-3/4	0.50	2-7/8	6	5/16	1	4.43	5.01	5.54	352	370	6
12 x 8	12-7/8	9-1/4	6-3/4	0.55	3-3/8	4	5/16	1	4.20	4.75	5.25	366	384	7
14 x 8	14-7/8	9-1/4	6-3/4	0.55	3	5	5/16	1	4.80	5.43	6.00	430	452	7
16 x 8	16-7/8	9-1/4	6-3/4	0.55	2-7/8	6	5/16	1	5.20	5.89	6.50	510	536	7
18 x 8	18-7/8	9-1/4	6-3/4	0.55	3-1/8	6	5/16	1	5.70	6.45	-	560	588	7
20 x 8	20-7/8	9-1/4	6-3/4	0.55	3-1/2	6	5/16	1	6.30	7.13	-	655	688	7
18 x 10	19	11-1/2	8-3/4	0.7	3-1/8	6	3/8	1-1/4	10.59	11.99	-	915	960	9
20 x 10	21	11-1/2	8-3/4	0.70	3-1/2	6	3/8	1-1/4	11.10	12.57	-	1005	1055	9
21 x 10	22	11-1/2	8-3/4	0.70	3-5/8	6	3/8	1-1/4	11.60	13.13	-	1055	1108	9
22 x 10	23	11-1/2	8-3/4	0.70	4	6	3/8	1-1/4	12.00	13.58	-	1105	1160	9
23 x 10	24	11-1/2	8-3/4	0.70	3-3/8	7	3/8	1-1/4	12.40	14.04	-	1155	1213	9
24 x 10	25	11-1/2	8-3/4	0.70	3-1/2	7	3/8	1-1/4	12.80	14.49	-	1206	1266	9
25 x 10	26	11-1/2	8-3/4	0.70	3-5/8	7	3/8	1-1/4	13.20	14.94	-	1256	1318	9
26 x 10	27	11-1/2	8-3/4	0.70	3-7/8	7	3/8	1-1/4	13.60	15.40	-	1306	1371	9
27 x 10	28	11-1/2	8-3/4	0.70	3-3/8	8	3/8	1-1/4	14.00	15.85	-	1356	1424	9
28 x 10	29	11-1/2	8-3/4	0.70	3-5/8	8	3/8	1-1/4	14.40	16.30	-	1400	1470	9

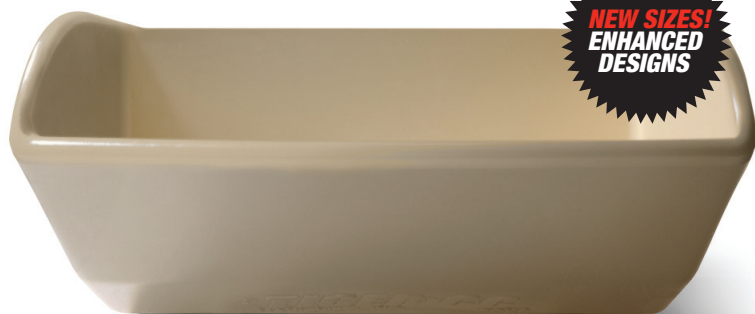
*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

■ Indicates Available upon request - extended lead time required **Reference Punching Chart on page 112.

High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-CC® MAXIMUM DUTY

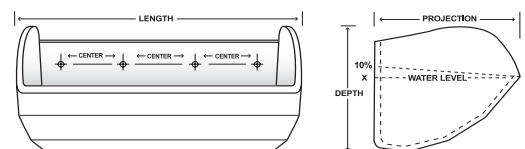
Standard Profile: Nylon



**NEW SIZES!
ENHANCED
DESIGNS**



TIGER-CC
MAXIMUM DUTY ELEVATOR BUCKETS®



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

TIGER-CC® Maximum Duty: Nylon

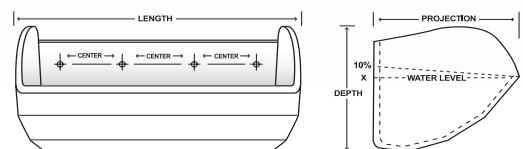
BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length**	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Nylon	Water Level	Water Level +10%	Std. Spacing
10 x 7	10-7/8	8-1/8	6-7/8	0.50	4-1/8	3	5/16	2-3/16	4.18	217	239	8
11 x 7	11-7/8	8-1/8	6-7/8	0.50	3	4	5/16	2-3/16	4.47	236	260	8
12 x 7	12-7/8	8-1/8	6-7/8	0.50	3-3/8	4	5/16	2-3/16	4.69	258	284	8
13 x 7	13-7/8	8-1/8	6-7/8	0.50	3-5/8	4	5/16	2-3/16	4.99	300	330	8
14 x 7	14-7/8	8-1/8	6-7/8	0.50	3	5	5/16	2-3/16	5.27	313	344	8
15 x 7	15-7/8	8-1/8	6-7/8	0.50	3-1/4	5	5/16	2-3/16	5.54	339	373	8
16 x 7	16-7/8	8-1/8	6-7/8	0.50	2-7/8	6	5/16	2-3/16	5.79	352	387	8
12 x 8	12-7/8	9-1/4	8-7/8	0.55	3-3/8	4	5/16	2	5.68	366	403	9
14 x 8	14-7/8	9-1/4	8-7/8	0.55	3	5	5/16	2	6.26	430	473	9
16 x 8	16-7/8	9-1/4	8-7/8	0.55	2-7/8	6	5/16	2	6.84	510	561	9
18 x 8	18-7/8	9-1/4	8-7/8	0.55	3-1/8	6	5/16	2	7.66	560	616	9
20 x 8	20-7/8	9-1/4	8-7/8	0.55	3-1/2	6	5/16	2	8.35	655	720	9
18 x 10	19	11-1/2	10-3/8	0.70	3-1/8	6	3/8	2-1/4	13.41	915	1005	11
20 x 10	21	11-1/2	10-3/8	0.70	3-1/2	6	3/8	2-1/4	14.20	1005	1106	11
21 x 10	22	11-1/2	10-3/8	0.70	3-5/8	6	3/8	2-1/4	14.62	1055	1161	11
22 x 10	23	11-1/2	10-3/8	0.70	4	6	3/8	2-1/4	15.08	1105	1216	11
23 x 10	24	11-1/2	10-3/8	0.70	3-3/8	7	3/8	2-1/4	15.66	1155	1271	11
24 x 10	25	11-1/2	10-3/8	0.70	3-1/2	7	3/8	2-1/4	16.23	1206	1327	11
25 x 10	26	11-1/2	10-3/8	0.70	3-5/8	7	3/8	2-1/4	16.70	1256	1381	11
26 x 10	27	11-1/2	10-3/8	0.70	3-7/8	7	3/8	2-1/4	17.17	1306	1437	11
27 x 10	28	11-1/2	10-3/8	0.70	3-3/8	8	3/8	2-1/4	17.75	1356	1492	11
28 x 10	29	11-1/2	10-3/8	0.70	3-5/8	8	3/8	2-1/4	18.13	1400	1540	11

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.
 Indicates Available upon request - extended lead time required **Reference Punching Chart on page 112.

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, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length**	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Uret	Water Level	Water Level +10%	Std. Spacing
10 x 7	10-7/8	8-1/8	6-7/8	0.50	4-1/8	3	5/16	2-3/16	4.48	217	239	8
11 x 7	11-7/8	8-1/8	6-7/8	0.50	3	4	5/16	2-3/16	4.79	236	260	8
12 x 7	12-7/8	8-1/8	6-7/8	0.50	3-3/8	4	5/16	2-3/16	5.03	258	284	8
13 x 7	13-7/8	8-1/8	6-7/8	0.50	3-5/8	4	5/16	2-3/16	5.35	300	330	8
14 x 7	14-7/8	8-1/8	6-7/8	0.50	3	5	5/16	2-3/16	5.65	313	344	8
15 x 7	15-7/8	8-1/8	6-7/8	0.50	3-1/4	5	5/16	2-3/16	5.95	339	373	8
16 x 7	16-7/8	8-1/8	6-7/8	0.50	2-7/8	6	5/16	2-3/16	6.21	352	387	8
12 x 8	12-7/8	9-1/4	8-7/8	0.55	3-3/8	4	5/16	2	6.10	366	403	9
14 x 8	14-7/8	9-1/4	8-7/8	0.55	3	5	5/16	2	6.72	430	473	9
16 x 8	16-7/8	9-1/4	8-7/8	0.55	2-7/8	6	5/16	2	7.34	510	561	9
18 x 8												
20 x 8												
18 x 10												
20 x 10												
21 x 10												
22 x 10												
23 x 10												
24 x 10												
25 x 10												
26 x 10												
27 x 10												
28 x 10												

Not Available in this Material.

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

**Reference Punching Chart on page 112.

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.

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.

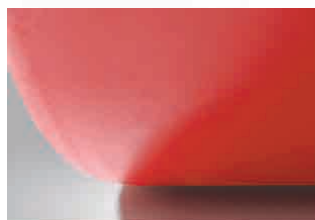
PERFORMANCE BY DESIGN:
LOW SIDES AND SMOOTH BOTTOM GIVE
EXCELLENT CUP FILL & DISCHARGE.

FEATURES & BENEFITS

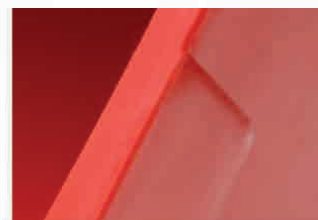
- Thicker Walls, Heavy Front Lip for Digging
- High Impact & Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Extends Bucket Life
- Increases Elevator Capacity
- Cleaner Discharge
- Lowers Elevator Maintenance
- Decreases Elevator Down Time



® 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

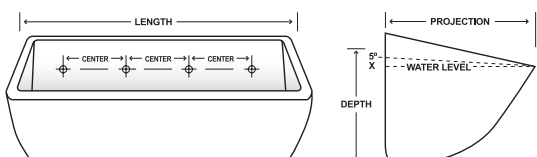
HD-MAX® HEAVY DUTY

High Speed Centrifugal Discharge 210 - 900 FPM



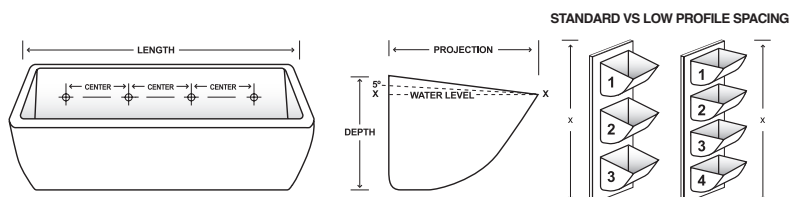
HD-MAX® HEAVY DUTY: STANDARD PROFILE

The **HD-MAX** Heavy Duty elevator bucket is engineered to exceed the performance requirements of the 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. The **HD-MAX** bucket stands second to the **TIGER-TUFF** in strength and thickness. Standard spacing is nominal projection plus 1". The recommended belt width for a single row of buckets is actual bucket width 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.



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	-120° 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

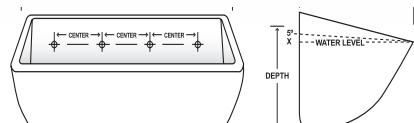
Seeds, Grass Seed, Fertilizer, Perlite, Potash, Sawdust, Minerals, etc.

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, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# Of Holes	Bolt Size	Top Down	HDPE	Water Level	Usable 5 Deg.	Std. Spacing
3 x 2	3-1/4	2-5/16	2 1/4	0.17	1-3/4	2	1/4	7/8	0.12	6.71	7.93	3
4 x 3	4-3/8	3-1/4	3	0.17	2-1/4	2	1/4	7/8	0.22	15.26	17.70	4
5 x 4	5-1/4	4-1/2	4	0.30	3-3/16	2	1/4	1-1/8	0.47	36.20	39.82	5
6 x 4	6-1/4	4-1/2	4	0.30	4-3/8	2	1/4	1-1/8	0.56	44.20	49.58	5
7 x 4	7-1/4	4-1/2	4	0.30	2-5/8	3	1/4	1-1/8	0.66	51.31	57.01	5
6 x 5	6-3/8	5-5/8	5	0.30	4-3/8	2	1/4	1-5/8	0.88	67.20	73.98	6
7 x 5	7-3/8	5-5/8	5	0.30	2-5/8	3	1/4	1-5/8	0.98	79.72	89.24	6
8 x 5	8-3/8	5-5/8	5	0.30	3-1/16	3	1/4	1-5/8	1.15	102.85	115.85	6
9 x 5	9-3/8	5-5/8	5	0.30	3-1/2	3	1/4	1-5/8	1.20	107.37	121.27	6
10 x 5	10-1/4	5-5/8	5	0.30	4	3	1/4	1-5/8	1.26	121.30	138.89	6
11 x 5	11-1/4	5-5/8	5	0.30	3-1/8	4	1/4	1-5/8	1.37	140.70	153.16	6
12 x 5	12-1/4	5-5/8	5	0.30	3-3/8	4	1/4	1-5/8	1.55	159.87	167.14	6
8 x 6	8-3/8	6-5/8	6	0.30	3-1/16	3	1/4	1-5/8	1.35	135.56	150.85	7
9 x 6	9-3/8	6-5/8	6	0.30	3-1/2	3	1/4	1-5/8	1.53	150.26	165.87	7
10 x 6	10-3/8	6-5/8	6	0.30	4	3	1/4	1-5/8	1.64	170.69	185.62	7
11 x 6	11-3/8	6-5/8	6	0.30	3	4	1/4	1-5/8	1.82	185.18	200.36	7
12 x 6	12-3/8	6-5/8	6	0.30	3-3/8	4	1/4	1-5/8	1.89	200.37	220.58	7
13 x 6	13-3/8	6-5/8	6	0.30	3-5/8	4	1/4	1-5/8	2.04	220.78	240.48	7
10 x 7	10-1/2	7-3/4	7 1/8	0.33	4	3	5/16	1-7/8	2.35	240.91	264.59	8
11 x 7	11-1/2	7-3/4	7 1/8	0.33	3	4	5/16	1-7/8	2.55	269.32	292.41	8
12 x 7	12-1/2	7-3/4	7 1/8	0.33	3-3/8	4	5/16	1-7/8	2.73	292.41	319.63	8
13 x 7	13-1/2	7-3/4	7 1/8	0.33	3-5/8	4	5/16	1-7/8	2.89	344.20	356.40	8
14 x 7	14-1/2	7-3/4	7 1/8	0.33	3	5	5/16	1-7/8	3.10	356.40	389.90	8
15 x 7	15-1/2	7-3/4	7 1/8	0.33	3-1/4	5	5/16	1-7/8	3.23	379.50	408.20	8
16 x 7	16-1/2	7-3/4	7 1/8	0.33	3-1/2	5	5/16	1-7/8	3.37	406.40	432.00	8
10 x 8	10-1/2	8-3/4	8	0.40	4-1/8	3	5/16	2	2.89	328.52	353.97	9
11 x 8	11-1/2	8-3/4	8	0.40	3-1/8	4	5/16	2	3.17	358.11	388.30	9
12 x 8	12-1/2	8-3/4	8	0.40	3-3/8	4	5/16	2	3.46	390.67	423.22	9
14 x 8	14-1/2	8-3/4	8	0.40	3	5	5/16	2	3.86	465.00	502.80	9
15 x 8	15-1/2	8-3/4	8	0.40	3-1/4	5	5/16	2	4.06	511.30	541.90	9
16 x 8	16-1/2	8-3/4	8	0.40	3-1/2	5	5/16	2	4.26	543.10	571.10	9
18 x 8	18-1/2	8-3/4	8	0.40	3-1/8	6	5/16	2	4.66	610.20	648.00	9

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.
 ■ Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

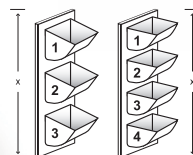
High Speed Centrifugal Discharge 210 - 900 FPM

HD-MAX® HEAVY DUTY

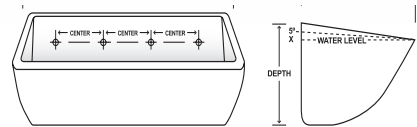
Low Profile: Polyethylene, Nylon, Urethane



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



STANDARD VS LOW PROFILE SPACING



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

HD-MAX® Heavy Duty Low Profile

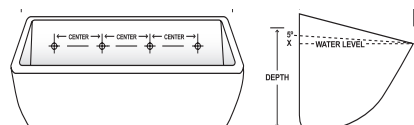
BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.			CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# Of Holes	Bolt Size	Top Down	HDPE	Nylon	Uret	Water Level	Usable 5 Deg.	Std. Spacing
3 x 2	3-1/4	2-5/16	2-1/4	0.17	1-3/4	2	1/4	1	0.11	0.13	0.15	6.71	7.93	2-1/4
4 x 3	4-3/8	3-1/4	2-3/4	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	4-1/2	3-1/4	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	4-1/2	3-1/2	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	4-1/2	3-1/2	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	5-5/8	4	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	5-5/8	4	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	5-5/8	4	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	5-5/8	4	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	5-5/8	4-1/2	0.30	4	3	1/4	1	1.18	1.37	1.70	121.30	138.89	4-1/2
11 x 5	11-1/4	5-5/8	4-1/2	0.30	3-1/8	4	1/4	1	1.24	1.44	1.82	140.70	153.16	4-1/2
12 x 5	12-1/4	5-5/8	4-1/2	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	6-5/8	5	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	6-5/8	5	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	6-5/8	5	0.30	4	3	1/4	1	1.48	1.68	2.02	170.69	185.62	5
11 x 6	11-3/8	6-5/8	5	0.30	3	4	1/4	1	1.66	1.89	2.28	185.18	200.36	5
12 x 6	12-3/8	6-5/8	5	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	6-5/8	5	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	7-3/4	6	0.33	4	3	5/16	1	2.17	2.47	2.97	240.91	264.59	6
11 x 7	11-1/2	7-3/4	6	0.33	3	4	5/16	1	2.32	2.64	3.18	269.32	292.41	6
12 x 7	12-1/2	7-3/4	6	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	7-3/4	6	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	7-3/4	6	0.33	3	5	5/16	1	2.85	3.28	3.85	356.40	389.90	6
15 x 7	15-1/2	7-3/4	6	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	7-3/4	6	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	8-3/4	6	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	8-3/4	6-3/4	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	8-3/4	6-3/4	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	8-3/4	6-3/4	0.40	3	5	5/16	1	3.51	4.04	4.74	465.00	502.80	7
15 x 8	15-1/2	8-3/4	6-3/4	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	8-3/4	6-3/4	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	8-3/4	6-3/4	0.40	3-1/8	6	5/16	1	4.24	4.88	-	610.20	648.00	7

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.
 ■ Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

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, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# Of Holes	Bolt Size	Top Down	Nylon	Water Level	Usable 5 Deg.	Std. Spacing
3 x 2	3-1/4	2-5/16	2 1/4	0.17	1-3/4	2	1/4	7/8	0.15	6.71	7.93	3
4 x 3	4-3/8	3-1/4	3	0.17	2-1/4	2	1/4	7/8	0.25	15.26	17.70	4
5 x 4	5-1/4	4-1/2	4	0.30	3-3/16	2	1/4	1-1/8	0.60	36.20	39.82	5
6 x 4	6-1/4	4-1/2	4	0.30	4-3/8	2	1/4	1-1/8	0.70	44.20	49.58	5
7 x 4	7-1/4	4-1/2	4	0.30	2-5/8	3	1/4	1-1/8	0.80	51.31	57.01	5
6 x 5	6-3/8	5-5/8	5	0.30	4-3/8	2	1/4	1-5/8	0.85	67.20	73.98	6
7 x 5	7-3/8	5-5/8	5	0.30	2-5/8	3	1/4	1-5/8	0.95	79.72	89.24	6
8 x 5	8-3/8	5-5/8	5	0.30	3-1/16	3	1/4	1-5/8	1.30	102.85	115.85	6
9 x 5	9-3/8	5-5/8	5	0.30	3-1/2	3	1/4	1-5/8	1.20	107.37	121.27	6
10 x 5	10-1/4	5-5/8	5	0.30	4	3	1/4	1-5/8	1.40	121.30	138.89	6
11 x 5	11-1/4	5-5/8	5	0.30	3-1/8	4	1/4	1-5/8	1.55	140.70	153.16	6
12 x 5	12-1/4	5-5/8	5	0.30	3-3/8	4	1/4	1-5/8	1.70	159.87	167.14	6
8 x 6	8-3/8	6-5/8	6	0.30	3-1/16	3	1/4	1-5/8	1.65	135.56	150.85	7
9 x 6	9-3/8	6-5/8	6	0.30	3-1/2	3	1/4	1-5/8	1.75	150.26	165.87	7
10 x 6	10-3/8	6-5/8	6	0.30	4	3	1/4	1-5/8	1.85	170.69	185.62	7
11 x 6	11-3/8	6-5/8	6	0.30	3	4	1/4	1-5/8	2.05	185.18	200.36	7
12 x 6	12-3/8	6-5/8	6	0.30	3-3/8	4	1/4	1-5/8	2.15	200.37	220.58	7
13 x 6	13-3/8	6-5/8	6	0.30	3-5/8	4	1/4	1-5/8	2.35	220.78	240.48	7
10 x 7	10-1/2	7-3/4	7 1/8	0.33	4	3	5/16	1-7/8	2.68	240.91	264.59	8
11 x 7	11-1/2	7-3/4	7 1/8	0.33	3	4	5/16	1-7/8	2.85	269.32	292.41	8
12 x 7	12-1/2	7-3/4	7 1/8	0.33	3-3/8	4	5/16	1-7/8	3.20	292.41	319.63	8
13 x 7	13-1/2	7-3/4	7 1/8	0.33	3-5/8	4	5/16	1-7/8	3.25	344.20	356.40	8
14 x 7	14-1/2	7-3/4	7 1/8	0.33	3	5	5/16	1-7/8	3.45	356.40	389.90	8
15 x 7	15-1/2	7-3/4	7 1/8	0.33	3-1/4	5	5/16	1-7/8	3.71	379.50	408.20	8
16 x 7	16-1/2	7-3/4	7 1/8	0.33	3-1/2	5	5/16	1-7/8	3.90	406.40	432.00	8
10 x 8	10-1/2	8-3/4	8	0.40	4-1/8	3	5/16	2	3.29	328.52	353.97	9
11 x 8	11-1/2	8-3/4	8	0.40	3-1/8	4	5/16	2	3.55	358.11	388.30	9
12 x 8	12-1/2	8-3/4	8	0.40	3-3/8	4	5/16	2	4.00	390.67	423.22	9
14 x 8	14-1/2	8-3/4	8	0.40	3	5	5/16	2	4.35	465.00	502.80	9
15 x 8	15-1/2	8-3/4	8	0.40	3-1/4	5	5/16	2	4.67	511.30	541.90	9
16 x 8	16-1/2	8-3/4	8	0.40	3-1/2	5	5/16	2	4.70	543.10	571.10	9
18 x 8	18-1/2	8-3/4	8	0.40	3-1/8	6	5/16	2	5.10	610.20	648.00	9

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.
 ■ Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

OTHER CONSIDERATIONS

ENGINEERING: Please see Section 5 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.

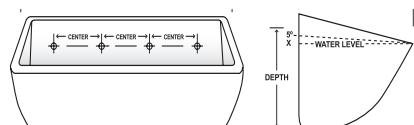
*Mounting Holes drilled 1/32 to 1/16 over bolt diameter for easier installation.

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.

HD-MAX® HEAVY DUTY

Standard Profile: Urethane



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

HD-MAX® Heavy Duty: Urethane

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# Of Holes	Bolt Size	Top Down	Uret	Water Level	Usable 5 Deg.	Std. Spacing
3 x 2	3-1/4	2-5/16	2 1/4	0.17	1-3/4	2	1/4	7/8	0.20	6.71	7.93	3
4 x 3	4-3/8	3-1/4	3	0.17	2-1/4	2	1/4	7/8	0.30	15.26	17.70	4
5 x 4	5-1/4	4-1/2	4	0.30	3-3/16	2	1/4	1-1/8	0.75	36.20	39.82	5
6 x 4	6-1/4	4-1/2	4	0.30	4-3/8	2	1/4	1-1/8	0.85	44.20	49.58	5
7 x 4	7-1/4	4-1/2	4	0.30	2-5/8	3	1/4	1-1/8	0.88	51.31	57.01	5
6 x 5	6-3/8	5-5/8	5	0.30	4-3/8	2	1/4	1-5/8	1.00	67.20	73.98	6
7 x 5	7-3/8	5-5/8	5	0.30	2-5/8	3	1/4	1-5/8	1.15	79.72	89.24	6
8 x 5	8-3/8	5-5/8	5	0.30	3-1/16	3	1/4	1-5/8	1.55	102.85	115.85	6
9 x 5	9-3/8	5-5/8	5	0.30	3-1/2	3	1/4	1-5/8	1.40	107.37	121.27	6
10 x 5	10-1/4	5-5/8	5	0.30	4	3	1/4	1-5/8	1.70	121.30	138.89	6
11 x 5	11-1/4	5-5/8	5	0.30	3-1/8	4	1/4	1-5/8	1.85	140.70	153.16	6
12 x 5	12-1/4	5-5/8	5	0.30	3-3/8	4	1/4	1-5/8	2.12	159.87	167.14	6
8 x 6	8-3/8	6-5/8	6	0.30	3-1/16	3	1/4	1-5/8	1.95	135.56	150.85	7
9 x 6	9-3/8	6-5/8	6	0.30	3-1/2	3	1/4	1-5/8	2.10	150.26	165.87	7
10 x 6	10-3/8	6-5/8	6	0.30	4	3	1/4	1-5/8	2.30	170.69	185.62	7
11 x 6	11-3/8	6-5/8	6	0.30	3	4	1/4	1-5/8	2.45	185.18	200.36	7
12 x 6	12-3/8	6-5/8	6	0.30	3-3/8	4	1/4	1-5/8	2.65	200.37	220.58	7
13 x 6	13-3/8	6-5/8	6	0.30	3-5/8	4	1/4	1-5/8	2.85	220.78	240.48	7
10 x 7	10-1/2	7-3/4	7 1/8	0.33	4	3	5/16	1-7/8	3.25	240.91	264.59	8
11 x 7	11-1/2	7-3/4	7 1/8	0.33	3	4	5/16	1-7/8	3.45	269.32	292.41	8
12 x 7	12-1/2	7-3/4	7 1/8	0.33	3-3/8	4	5/16	1-7/8	3.80	292.41	319.63	8
13 x 7	13-1/2	7-3/4	7 1/8	0.33	3-5/8	4	5/16	1-7/8	3.85	344.20	356.40	8
14 x 7	14-1/2	7-3/4	7 1/8	0.33	3	5	5/16	1-7/8	4.25	356.40	389.90	8
15 x 7	15-1/2	7-3/4	7 1/8	0.33	3-1/4	5	5/16	1-7/8	4.36	379.50	408.20	8
16 x 7	16-1/2	7-3/4	7 1/8	0.33	3-1/2	5	5/16	1-7/8	4.60	406.40	432.00	8
10 x 8	10-1/2	8-3/4	8	0.40	4-1/8	3	5/16	2	4.10	328.52	353.97	9
11 x 8	11-1/2	8-3/4	8	0.40	3-1/8	4	5/16	2	4.34	358.11	388.30	9
12 x 8	12-1/2	8-3/4	8	0.40	3-3/8	4	5/16	2	4.65	390.67	423.22	9
14 x 8	14-1/2	8-3/4	8	0.40	3	5	5/16	2	5.30	465.00	502.80	9
15 x 8	15-1/2	8-3/4	8	0.40	3-1/4	5	5/16	2	5.55	511.30	541.90	9
16 x 8	16-1/2	8-3/4	8	0.40	3-1/2	5	5/16	2	5.60	543.10	571.10	9
18 x 8					Not Available in this Material.							

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.
■ Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

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.

HD-STAX® STACKABLE

High Speed Centrifugal Discharge 210 - 900 FPM

U.S. Patent D748157

THE MAXI-LIFT HD-STAX

THE PERFECT BUCKET
KEEPS GETTING BETTER!

BETTER STACKING:

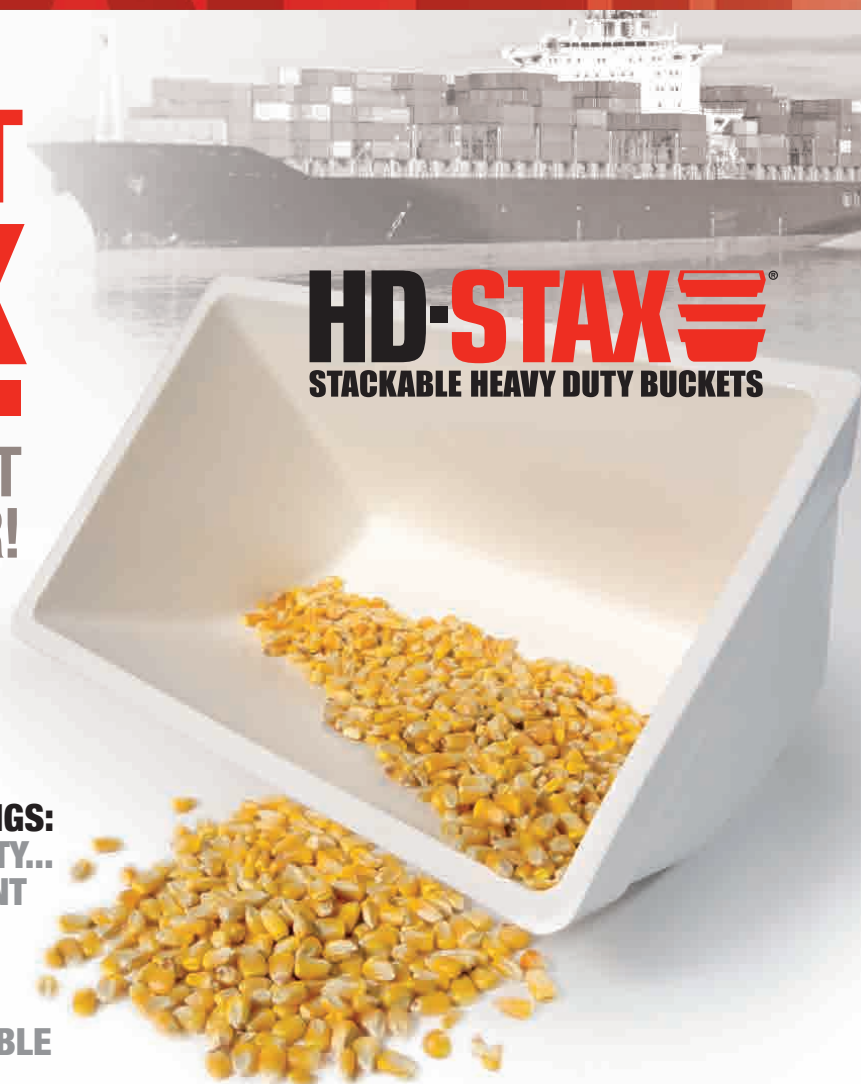
NESTED STACKS OF BUCKETS ARE
SEALED IN SHRINK-WRAPPED SLEEVES
FOR MORE EFFICIENT SHIPPING & STORAGE

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

FEATURES & BENEFITS

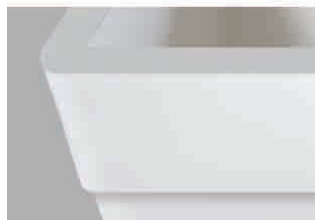
- 3 Sided Reinforced Front Lip for Digging, Longer Life, More Reliability
- Stackable: Efficient Shipping, Reduced Storage
- High Impact & Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Extends Bucket Life
- Increases Elevator Capacity
- Cleaner Discharge
- Lowers Elevator Maintenance
- Decreases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

U.S. Patent D748157



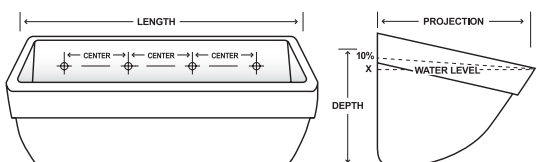
HD-STAX®
STACKABLE HEAVY DUTY BUCKETS



HD-STAX®
STACKABLE HEAVY DUTY BUCKETS

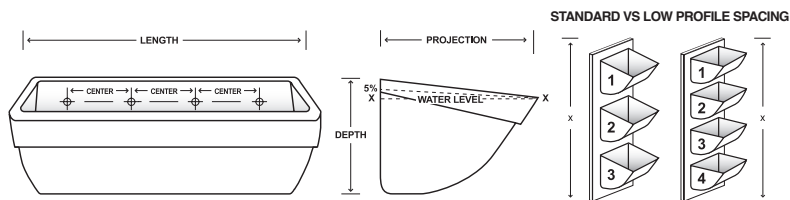
HD-STAX® STACKABLE: STANDARD PROFILE

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. The recommended belt width for a single row of buckets is actual bucket width 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.



AVAILABLE MATERIALS

	POLYETHYLENE
Color	White
Application	Grain & Food Products
Temperature Range	-120° F to + 180° F (210° F Intermittent)
FDA Approved Material	Yes
Comments	Economical, high density polyethylene. FDA approved material for handling food grade products.

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.



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-STAX® STACKABLE

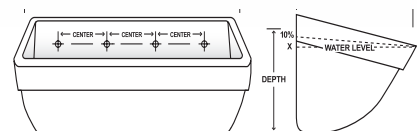
High Speed Centrifugal Discharge 210 - 900 FPM

U.S. Patent D748157



HD-STAX®

STACKABLE HEAVY DUTY BUCKETS



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

HD-STAX® Heavy Duty: Polyethylene

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# Of Holes	Bolt Size	Top Down	HDPE	Water Level	Usable + 10%	Std. Spacing
4 x 3	4-1/4	3-5/8	2-7/8	0.25	2-1/4	2	1/4	7/8	0.22	16	17	4
5 x 4	5-5/8	4-5/8	4	0.32	3-3/16	2	1/4	1-1/8	0.47	38	42	5
6 x 4	6-5/8	4-5/8	4	0.32	4-3/8	2	1/4	1-1/8	0.55	46	51	5
7 x 4	7-5/8	4-5/8	4	0.32	2-5/8	3	1/4	1-1/8	0.61	52	57	5
6 x 5	6-3/4	5-3/4	5	0.35	4-3/8	2	1/4	1-5/8	0.81	72	79	6
7 x 5	7-3/4	5-3/4	5	0.35	2-5/8	3	1/4	1-5/8	0.92	85	94	6
8 x 5	8-3/4	5-3/4	5	0.35	3-1/16	3	1/4	1-5/8	1.00	103	113	6
9 x 5	9-3/4	5-3/4	5	0.35	3-1/2	3	1/4	1-5/8	1.10	110	121	6
8 x 6	8-11/16	6-7/8	6-1/8	0.36	3-1/16	3	1/4	1-5/8	1.39	140	154	7
9 x 6	9-11/16	6-7/8	6-1/8	0.36	3-1/2	3	1/4	1-5/8	1.51	158	173	7
10 x 6	10-11/16	6-7/8	6-1/8	0.36	4	3	1/4	1-5/8	1.63	176	193	7
11 x 6	11-11/16	6-7/8	6-1/8	0.36	3	4	1/4	1-5/8	1.75	194	213	7
12 x 6	12-11/16	6-7/8	6-1/8	0.36	3-3/8	4	1/4	1-5/8	1.88	212	233	7
13 x 6	13-11/16	6-7/8	6-1/8	0.36	3-5/8	4	1/4	1-5/8	1.99	230	253	7
10 x 7	10-15/16	7-15/16	7-1/8	0.38	4	3	5/16	1-7/8	2.30	246	271	8
11 x 7	11-15/16	7-15/16	7-1/8	0.38	3	4	5/16	1-7/8	2.51	272	299	8
12 x 7	12-15/16	7-15/16	7-1/8	0.38	3-3/8	4	5/16	1-7/8	2.68	296	325	8
13 x 7	13-15/16	7-15/16	7-1/8	0.38	3-5/8	4	5/16	1-7/8	2.83	320	352	8
14 x 7	14-15/16	7-15/16	7-1/8	0.38	3	5	5/16	1-7/8	2.98	345	380	8
16 x 7	16-15/16	7-15/16	7-1/8	0.38	3-1/2	5	5/16	1-7/8	3.34	400	440	8
12 x 8	13-1/8	8-15/16	8-1/8	0.40	3-3/8	4	5/16	2	3.69	395	435	9
14 x 8	15-1/8	8-15/16	8-1/8	0.40	3	5	5/16	2	4.14	470	517	9
16 x 8	16-1/8	8-15/16	8-1/8	0.40	3-1/2	5	5/16	2	4.58	550	578	9
18 x 8	19-1/8	8-15/16	8-1/8	0.40	3-1/8	6	5/16	2	5.04	615	650	9

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order. ■ Indicates HD-STAX punch pattern differs from TIGER-TUFF & CC-MAX. **Reference Punching Chart on page 112. Special punching available upon request.

High Speed Centrifugal Discharge 210 - 900 FPM

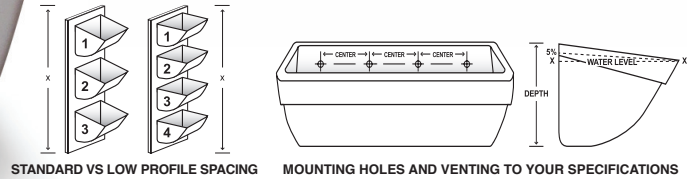
HD-STAX® STACKABLE

High Speed Centrifugal Discharge 210 - 900 FPM

U.S. Patent D748157



HD-STAX®
STACKABLE HEAVY DUTY BUCKETS



HD-STAX® Heavy Duty Low Profile

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Centers	# Of Holes	Bolt Size	Top Down	HDPE	Water Level	Usable +5%	Std. Spacing
4 x 3	4-1/4	3-5/8	2-3/4	0.25	2-1/4	2	1/4	7/8	0.19	16	17	2-3/4
5 x 4	5-5/8	4-5/8	3-1/2	0.32	3-3/16	2	1/4	1-1/8	0.41	38	40	3-1/2
6 x 4	6-5/8	4-5/8	3-1/2	0.32	4-3/8	2	1/4	1-1/8	0.48	46	48	3-1/2
7 x 4	7-5/8	4-5/8	3-1/2	0.32	2-5/8	3	1/4	1-1/8	0.54	52	55	3-1/2
6 x 5	6-3/4	5-3/4	4	0.35	4-3/8	2	1/4	1-5/8	0.69	72	76	4
7 x 5	7-3/4	5-3/4	4	0.35	2-5/8	3	1/4	1-5/8	0.75	85	89	4
8 x 5	8-3/4	5-3/4	4	0.35	3-1/16	3	1/4	1-5/8	0.82	103	108	4
9 x 5	9-3/4	5-3/4	4	0.35	3-1/2	3	1/4	1-5/8	0.90	110	116	4
8 x 6	8-11/16	6-7/8	4-7/8	0.36	3-1/16	3	1/4	1-5/8	1.26	140	147	5
9 x 6	9-11/16	6-7/8	4-7/8	0.36	3-1/2	3	1/4	1-5/8	1.37	158	165	5
10 x 6	10-11/16	6-7/8	4-7/8	0.36	4	3	1/4	1-5/8	1.45	176	184	5
11 x 6	11-11/16	6-7/8	4-7/8	0.36	3	4	1/4	1-5/8	1.61	194	203	5
12 x 6	12-11/16	6-7/8	4-7/8	0.36	3-3/8	4	1/4	1-5/8	1.72	212	222	5
13 x 6	13-11/16	6-7/8	4-7/8	0.36	3-5/8	4	1/4	1-5/8	1.82	230	241	5
10 x 7	10-15/16	7-15/16	6	0.38	4	3	5/16	1-7/8	2.17	246	258	6
11 x 7	11-15/16	7-15/16	6	0.38	3	4	5/16	1-7/8	2.29	272	286	6
12 x 7	12-15/16	7-15/16	6	0.38	3-3/8	4	5/16	1-7/8	2.50	296	311	6
13 x 7	13-15/16	7-15/16	6	0.38	3-5/8	4	5/16	1-7/8	2.63	320	336	6
14 x 7	14-15/16	7-15/16	6	0.38	3	5	5/16	1-7/8	2.76	345	362	6
16 x 7	16-15/16	7-15/16	6	0.38	3-1/2	5	5/16	1-7/8	3.06	400	420	6
12 x 8	13-1/8	8-15/16	6-3/4	0.40	3-3/8	4	5/16	2	3.41	395	414	7
14 x 8	15-1/8	8-15/16	6-3/4	0.40	3	5	5/16	2	3.81	470	493	7
16 x 8	16-1/8	8-15/16	6-3/4	0.40	3-1/2	5	5/16	2	4.23	550	578	7
18 x 8	19-1/8	8-15/16	6-3/4	0.40	3-1/8	6	5/16	2	4.64	615	650	7

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NEW SIZES

High Speed Centrifugal Discharge 210 - 900 FPM

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.



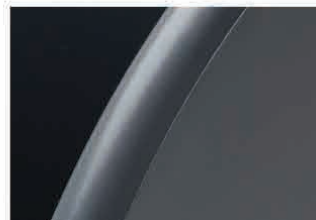
Reinforced Construction



Heavy Front Lip



Traditional CC Breaks



Traditional CC Style Ears

CC-MAX® HEAVY DUTY

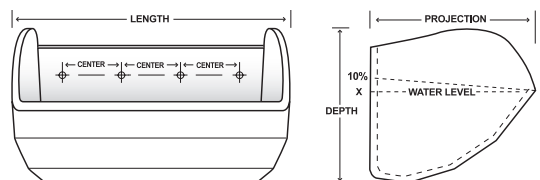
High Speed Centrifugal Discharge 210 - 900 FPM

U.S. Patent 8,240,070



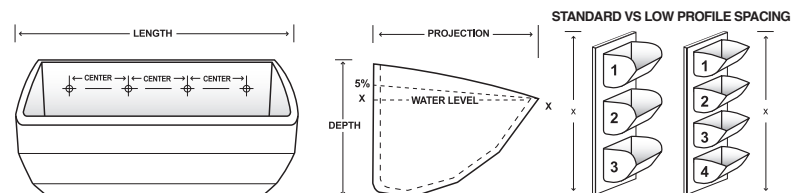
CC-MAX® STANDARD PROFILE

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, and provide exceptional performance in most agricultural applications. Standard spacing is nominal projection plus 1". The recommended belt width for a single row of buckets is actual bucket width 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.



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	-120° 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.



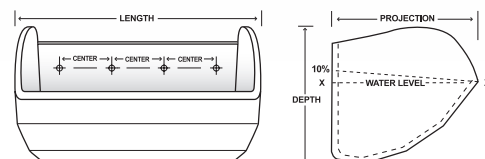
OTHER

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, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZES	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Water Level	Water Level + 10%	Std. Spacing
5 x 4	5-1/2	4-1/2	4-1/4	0.21	3-3/16	2	1/4	1-7/16	0.53	38.30	42.13	5
6 x 4	6-1/2	4-1/2	4-1/4	0.21	4-3/8	2	1/4	1-7/16	0.58	45.38	49.92	5
7 x 4	7-1/2	4-1/2	4-1/4	0.21	2-11/16	3	1/4	1-7/16	0.65	52.10	57.31	5
6 x 5	6-1/2	5-1/2	5	0.26	4-3/8	2	1/4	1-11/16	0.89	70.87	77.96	6
7 x 5	7-1/2	5-1/2	5	0.26	2-11/16	3	1/4	1-11/16	0.99	80.75	88.83	6
8 x 5	8-1/2	5-1/2	5	0.26	3-1/16	3	1/4	1-11/16	1.10	90.85	99.94	6
9 x 5	9-1/2	5-1/2	5	0.26	3-5/8	3	1/4	1-11/16	1.18	100.99	111.09	6
10 x 5	10-1/2	5-1/2	5	0.26	4-1/8	3	1/4	1-11/16	1.31	114.22	125.64	6
11 x 5	11-1/2	5-1/2	5	0.26	3	4	1/4	1-11/16	1.45	127.44	140.18	6
8 x 6	8-9/16	6-5/8	6	0.27	3-1/16	3	1/4	2	1.40	136.00	149.6	7
9 x 6	9-9/16	6-5/8	6	0.27	3-5/8	3	1/4	2	1.52	149.19	164.11	7
10 x 6	10-9/16	6-5/8	6	0.27	4-1/8	3	1/4	2	1.64	166.89	183.58	7
11 x 6	11-9/16	6-5/8	6	0.27	3	4	1/4	2	1.73	180.62	198.68	7
12 x 6	12-9/16	6-5/8	6	0.27	3-3/8	4	1/4	2	1.91	200.76	220.83	7
13 x 6	13-9/16	6-5/8	6	0.27	3-5/8	4	1/4	2	2.13	215.00	236.50	7
10 x 7	10-9/16	7-7/8	7	0.32	4-1/8	3	5/16	2-3/16	2.35	236.00	259.60	8
11 x 7	11-9/16	7-7/8	7	0.32	3	4	5/16	2-3/16	2.44	247.74	272.52	8
12 x 7	12-9/16	7-7/8	7	0.32	3-3/8	4	5/16	2-3/16	2.63	267.27	293.99	8
13 x 7	13-9/16	7-7/8	7	0.32	3-5/8	4	5/16	2-3/16	2.78	284.60	316.93	8
14 x 7	14-9/16	7-7/8	7	0.32	3	5	5/16	2-3/16	2.94	303.57	333.93	8
15 x 7	15-9/16	7-7/8	7	0.35	3-1/4	5	5/16	2-3/16	3.10	335.00	368.50	8
16 x 7	16-9/16	7-7/8	7	0.35	2-7/8	6	5/16	2-3/16	3.29	350.87	385.95	8
12 x 8	12-9/16	8-7/8	8-1/4	0.35	3-3/8	4	5/16	2	3.25	373.00	409.00	9
13 x 8	13-9/16	8-7/8	8-1/4	0.35	3-5/8	4	5/16	2	3.51	404.00	440.00	9
14 x 8	14-9/16	8-7/8	8-1/4	0.35	3	5	5/16	2	3.76	435.07	478.58	9
16 x 8	16-9/16	8-7/8	8-1/4	0.38	2-7/8	6	5/16	2	4.30	515.62	567.18	9
18 x 8	18-9/16	8-7/8	8-1/4	0.39	3-1/8	6	5/16	2	4.79	580.61	638.67	9
20 x 8	20-9/16	8-7/8	8-1/4	0.42	3-1/2	6	5/16	2	5.85	655.00	720.00	9

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

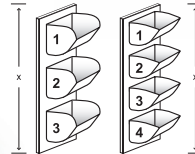
■ Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

High Speed Centrifugal Discharge 210 - 900 FPM

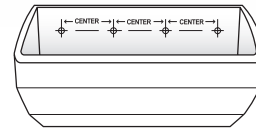
CC-MAX® HEAVY DUTY

Low Profile: Polyethylene, Nylon, Urethane

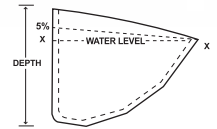
U.S. Patent 8,240,070



STANDARD VS LP SPACING



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS



CC-MAX® Heavy Duty Low Profile

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.			CAPACITY, CU. IN.		
BUCKET SIZES	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	HDPE	Nylon	Uret	Water Level	Water Level + 5%	Std. Spacing
5 x 4	5-1/2	4-1/2	2-3/4	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	4-1/2	2-3/4	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	4-1/2	2-3/4	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	5-1/2	3-3/4	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	5-1/2	3-3/4	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	5-1/2	3-3/4	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	5-1/2	3-3/4	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	5-1/2	3-3/4	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	5-1/2	3-3/4	0.26	3	4	1/4	1	1.24	1.43	1.67	127.44	133.81	4
8 x 6	8-9/16	6-5/8	4-3/4	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	6-5/8	4-3/4	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	6-5/8	4-3/4	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	6-5/8	4-3/4	0.27	3	4	1/4	1	1.50	1.73	2.03	180.62	189.65	5
12 x 6	12-9/16	6-5/8	4-3/4	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	6-5/8	4-3/4	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	7-7/8	5-3/4	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	7-7/8	5-3/4	0.32	3	4	5/16	1	2.14	2.46	2.89	247.74	260.13	6
12 x 7	12-9/16	7-7/8	5-3/4	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	7-7/8	5-3/4	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	7-7/8	5-3/4	0.32	3	5	5/16	1	2.54	2.92	3.43	303.57	318.75	6
15 x 7	15-9/16	7-7/8	5-3/4	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	7-7/8	5-3/4	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	8-7/8	6-3/4	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	8-7/8	6-3/4	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	8-7/8	6-3/4	0.35	3	5	5/16	1	3.30	4.36	5.12	435.07	456.83	7
16 x 8	16-9/16	8-7/8	6-3/4	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	8-7/8	6-3/4	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	8-7/8	6-3/4	0.42	3-1/2	6	5/16	1	5.24	6.73	7.90	655.00	688.00	7

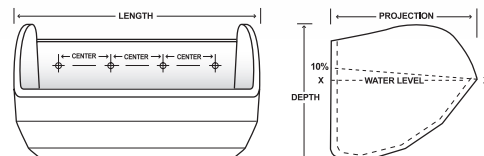
*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.
■ Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

High Speed Centrifugal Discharge 210 - 900 FPM

CC-MAX® HEAVY DUTY

Standard Profile: Nylon

U.S. Patent 8,240,070



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

CC-MAX® Heavy Duty: Nylon

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZES	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Nylon	Water Level	Water Level + 10%	Std. Spacing
5 x 4	5-1/2	4-1/2	4-1/4	0.21	3-3/16	2	1/4	1-7/16	0.61	38.30	42.13	5
6 x 4	6-1/2	4-1/2	4-1/4	0.21	4-3/8	2	1/4	1-7/16	0.70	45.38	49.92	5
7 x 4	7-1/2	4-1/2	4-1/4	0.21	2-11/16	3	1/4	1-7/16	0.80	52.10	57.31	5
6 x 5	6-1/2	5-1/2	5	0.26	4-3/8	2	1/4	1-11/16	1.02	70.87	77.96	6
7 x 5	7-1/2	5-1/2	5	0.26	2-11/16	3	1/4	1-11/16	1.15	80.75	88.83	6
8 x 5	8-1/2	5-1/2	5	0.26	3-1/16	3	1/4	1-11/16	1.25	90.85	99.94	6
9 x 5	9-1/2	5-1/2	5	0.26	3-5/8	3	1/4	1-11/16	1.35	100.99	111.09	6
10 x 5	10-1/2	5-1/2	5	0.26	4-1/8	3	1/4	1-11/16	1.51	114.22	125.64	6
11 x 5	11-1/2	5-1/2	5	0.26	3	4	1/4	1-11/16	1.67	127.44	140.18	6
8 x 6	8-9/16	6-5/8	6	0.27	3-1/16	3	1/4	2	1.61	136.00	149.6	7
9 x 6	9-9/16	6-5/8	6	0.27	3-5/8	3	1/4	2	1.75	149.19	164.11	7
10 x 6	10-9/16	6-5/8	6	0.27	4-1/8	3	1/4	2	1.89	166.89	183.58	7
11 x 6	11-9/16	6-5/8	6	0.27	3	4	1/4	2	1.95	180.62	198.68	7
12 x 6	12-9/16	6-5/8	6	0.27	3-3/8	4	1/4	2	2.20	200.76	220.83	7
13 x 6	13-9/16	6-5/8	6	0.27	3-5/8	4	1/4	2	2.45	215.00	236.50	7
10 x 7	10-9/16	7-7/8	7	0.32	4-1/8	3	5/16	2-3/16	2.70	236.00	259.60	8
11 x 7	11-9/16	7-7/8	7	0.32	3	4	5/16	2-3/16	2.81	247.74	272.52	8
12 x 7	12-9/16	7-7/8	7	0.32	3-3/8	4	5/16	2-3/16	3.02	267.27	293.99	8
13 x 7	13-9/16	7-7/8	7	0.32	3-5/8	4	5/16	2-3/16	3.20	284.60	316.93	8
14 x 7	14-9/16	7-7/8	7	0.32	3	5	5/16	2-3/16	3.40	303.57	333.93	8
15 x 7	15-9/16	7-7/8	7	0.35	3-1/4	5	5/16	2-3/16	3.57	335.00	368.50	8
16 x 7	16-9/16	7-7/8	7	0.35	2-7/8	6	5/16	2-3/16	3.78	350.87	385.95	8
12 x 8	12-9/16	8-7/8	8-1/4	0.35	3-3/8	4	5/16	2	3.74	373.00	409.00	9
13 x 8	13-9/16	8-7/8	8-1/4	0.35	3-5/8	4	5/16	2	4.03	404.00	443.79	9
14 x 8	14-9/16	8-7/8	8-1/4	0.35	3	5	5/16	2	4.32	435.07	478.58	9
16 x 8	16-9/16	8-7/8	8-1/4	0.38	2-7/8	6	5/16	2	4.85	515.62	567.18	9
18 x 8	18-9/16	8-7/8	8-1/4	0.39	3-1/8	6	5/16	2	5.30	580.61	638.67	9
20 x 8	20-9/16	8-7/8	8-1/4	0.42	3-1/2	6	5/16	2	6.73	655.00	720.00	9

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

■ Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

OTHER CONSIDERATIONS

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

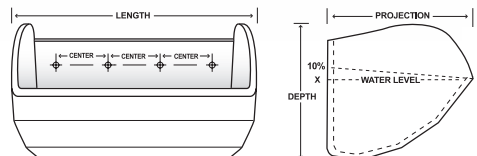
VENTING: Available as needed. See venting options in this catalog.

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



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

CC-MAX® Heavy Duty: Urethane

BUCKET SIZE, INCHES*					PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZES	Length	Proj.	Depth	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Uret	Water Level	Water Level + 10%	Std. Spacing
5 x 4	5-1/2	4-1/2	4-1/4	0.21	3-3/16	2	1/4	1-7/16	0.72	38.30	40.22	5
6 x 4	6-1/2	4-1/2	4-1/4	0.21	4-3/8	2	1/4	1-7/16	0.80	45.38	47.65	5
7 x 4	7-1/2	4-1/2	4-1/4	0.21	2-11/16	3	1/4	1-7/16	0.88	52.10	54.70	5
6 x 5	6-1/2	5-1/2	5	0.26	4-3/8	2	1/4	1-11/16	1.20	70.87	74.41	6
7 x 5	7-1/2	5-1/2	5	0.26	2-11/16	3	1/4	1-11/16	1.40	80.75	84.79	6
8 x 5	8-1/2	5-1/2	5	0.26	3-1/16	3	1/4	1-11/16	1.50	90.85	95.39	6
9 x 5	9-1/2	5-1/2	5	0.26	3-5/8	3	1/4	1-11/16	1.65	100.99	106.04	6
10 x 5	10-1/2	5-1/2	5	0.26	4-1/8	3	1/4	1-11/16	1.77	114.22	119.93	6
11 x 5	11-1/2	5-1/2	5	0.26	3	4	1/4	1-11/16	1.96	127.44	133.81	6
8 x 6	8-9/16	6-5/8	6	0.27	3-1/16	3	1/4	2	1.95	136.00	142.00	7
9 x 6	9-9/16	6-5/8	6	0.27	3-5/8	3	1/4	2	2.10	149.19	156.65	7
10 x 6	10-9/16	6-5/8	6	0.27	4-1/8	3	1/4	2	2.25	166.89	175.23	7
11 x 6	11-9/16	6-5/8	6	0.27	3	4	1/4	2	2.40	180.62	189.65	7
12 x 6	12-9/16	6-5/8	6	0.27	3-3/8	4	1/4	2	2.55	200.76	210.79	7
13 x 6	13-9/16	6-5/8	6	0.27	3-5/8	4	1/4	2	2.88	215.00	225.75	7
10 x 7	10-9/16	7-7/8	7	0.32	4-1/8	3	5/16	2-3/16	3.17	236.00	247.80	8
11 x 7	11-9/16	7-7/8	7	0.32	3	4	5/16	2-3/16	3.29	247.74	260.13	8
12 x 7	12-9/16	7-7/8	7	0.32	3-3/8	4	5/16	2-3/16	3.55	267.27	280.63	8
13 x 7	13-9/16	7-7/8	7	0.32	3-5/8	4	5/16	2-3/16	3.75	284.60	302.53	8
14 x 7	14-9/16	7-7/8	7	0.32	3	5	5/16	2-3/16	3.97	303.57	318.75	8
15 x 7	15-9/16	7-7/8	7	0.35	3-1/4	5	5/16	2-3/16	4.19	335.00	351.75	8
16 x 7	16-9/16	7-7/8	7	0.35	2-7/8	6	5/16	2-3/16	4.44	350.87	368.41	8
12 x 8	12-9/16	8-7/8	8-1/4	0.35	3-3/8	4	5/16	2	4.39	373.00	391.65	9
13 x 8	13-9/16	8-7/8	8-1/4	0.35	3-5/8	4	5/16	2	4.73	404.00	424.24	9
14 x 8	14-9/16	8-7/8	8-1/4	0.35	3	5	5/16	2	5.08	435.07	456.83	9
16 x 8	16-9/16	8-7/8	8-1/4	0.38	2-7/8	6	5/16	2	5.81	515.62	541.40	9
18 x 8	18-9/16	8-7/8	8-1/4	0.39	3-1/8	6	5/16	2	6.47	580.61	609.64	9
20 x 8	20-9/16	8-7/8	8-1/4	0.42	3-1/2	6	5/16	2	7.90	655.00	688.00	9

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.
 ■ Indicates HD-MAX and CC-MAX punch patterns differ. **Reference Punching Chart on page 112.

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.

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



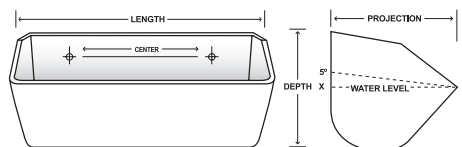
Dura-Buket



Dura-Buket

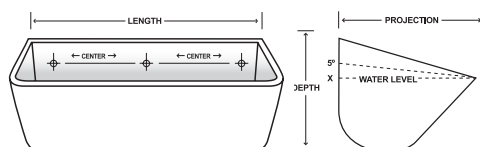
DURA-BUKET® SS SUPER STRENGTH

The **SS** or **SUPER STRENGTH DURA-BUKET** is the original plastic elevator bucket. The **SUPER STRENGTH** elevator bucket has been running for over 50 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 plus 1". The recommended belt width for a single row of buckets is actual bucket width plus 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.



AVAILABLE MATERIALS

	POLYETHYLENE	NYLON	URETHANE	FDA NYLON
Color	 White	 Tan (Special Run Buckets, Not Stock Item)	 Green (Special Run Buckets, Not Stock Item)	 White (Special Run Buckets, Not Stock Item)
Application	Grain & Food Products	Hot, high impact, abrasive dense products	Heavy abrasion, sticky materials	Hot, high impact, abrasive food grade products
Temperature Range	-120° 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.

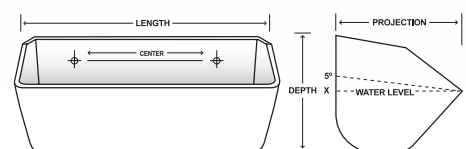


OTHER

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

DURA-BUKET® SS

Standard Profile: Polyethylene



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

DURA-BUKET SS: Polyethylene

BUCKET SIZE, INCHES*				PUNCHING, IN.**				LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Hole Centers	# of Holes	Bolt Size	Top Down	Poly H.D.P.E.	Water Level X-X	Usable 5° over X - 5°	Minimum Spacing
4 x 3	4-1/4	3-1/8	3	2-1/4	2	1/4	1	0.17	10.40	11.00	4
5 x 4	5-1/4	4-1/8	3-3/4	3-3/16	2	1/4	1	0.31	24.40	29.90	5
6 x 4	6-1/4	4-1/8	3-3/4	4-3/8	2	1/4	1	0.35	30.80	33.10	5
7 x 4	7-1/4	4-1/8	3-3/4	2-11/16	3	1/4	1	0.40	33.60	36.70	5
6 x 5	6-3/8	5-1/4	4-7/8	4-3/8	2	1/4	1-1/4	0.59	47.10	52.00	6
7 x 5 +	7-3/8	5-1/4	4-7/8	2-5/8	3	1/4	1-1/4	0.61	61.60	62.40	6
8 x 5	8-3/8	5-1/4	4-7/8	3-1/16	3	1/4	1-1/4	0.73	67.70	69.80	6
9 x 5	9-3/8	5-1/4	4-7/8	3-1/4	3	1/4	1-1/4	0.80	69.60	77.10	6
8 x 6	8-3/8	6-3/8	6-1/4	3-1/16	3	1/4	1-1/4	1.02	104.40	107.70	7
9 x 6 +	9-3/8	6-5/8	6-1/4	3-1/2	3	1/4	1-1/4	1.12	124.50	132.20	7
10 x 6	10-3/8	6-3/8	6-1/4	4	3	1/4	1-3/4	1.14	128.20	145.80	7
11 x 6	11-3/8	6-3/8	6-1/4	3	4	1/4	1-3/4	1.26	147.70	157.90	7
12 x 6 ° +	12-3/8	6-3/4	6-1/2	3-3/8	4	1/4	1-3/4	1.70	172.10	183.60	7
13 x 6 °	13-3/8	6-3/4	6-1/2	3-5/8	4	1/4	1-3/4	1.95	196.50	208.70	7
10 x 7	10-3/8	7-3/8	7-1/4	4	3	5/16	1-3/4	1.54	175.80	187.30	8
11 x 7	11-3/8	7-3/8	7-1/4	3	4	5/16	1-3/4	1.65	210.50	216.70	8
12 x 7 °	12-3/8	7-3/8	7-1/4	3-3/8	4	5/16	1-3/4	2.02	223.20	241.10	8
13 x 7 °	13-3/8	7-3/8	7-1/4	3-5/8	4	5/16	1-3/4	2.17	236.80	244.80	8
14 x 7 °	14-3/8	7-3/8	7-1/4	3	5	5/16	1-1/2	2.29	269.70	290.10	8
15 x 7 °	15-3/8	7-3/8	7-1/4	3-1/4	5	5/16	1-1/2	2.35	284.40	295.00	8
16 x 7 °	16-3/8	7-3/8	7-1/4	3-1/2	5	5/16	1-1/2	2.55	289.90	304.80	8
12 x 8 °	12-3/8	8-3/8	8-1/4	3-3/8	4	5/16	1-3/4	2.33	272.50	299.90	9
14 x 8 °	14-3/8	8-3/8	8-1/4	3	5	5/16	1-1/2	2.58	324.70	364.80	9
16 x 8 °	16-3/8	8-3/8	8-1/4	3-1/2	5	5/16	2	3.33	362.50	407.60	9
18 x 8 °	18-3/8	8-3/8	8-1/4	3-1/8	6	5/16	2	3.75	404.90	440.60	9

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

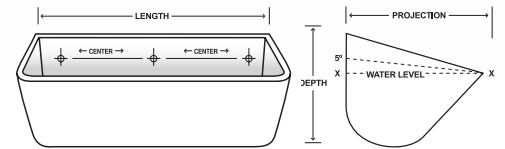
Indicates SS and LP punch patterns differ. **Reference Punching Chart on page 112.

° Buckets with 12" lengths and up have a center brace. + Buckets are designed without ears on the ends of the parts.

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, INCHES*				PUNCHING, IN.**				WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Hole Centers	# of Holes	Bolt Size	Top Down	Poly H.D.P.E.	Water Level X-X	Usable 5° over X - 5°	Minimum Spacing
4 x 3	4	3-1/8	3	2-1/4	2	1/4	1	0.15	10.4	11.0	3
5 x 4	5-1/8	4-1/8	3	3-3/16	2	1/4	1	0.25	24.4	29.9	3-1/4
6 x 4	6-1/8	4-1/8	3	4-1/4	2	1/4	1	0.29	30.8	33.1	3-1/4
7 x 4	7-1/8	4-1/8	3	2-5/8	3	1/4	1	0.34	33.6	36.7	3-1/4
6 x 5	6-1/8	5-1/4	3-3/4	4-1/4	2	1/4	1	0.47	47.1	52.0	3-3/4
7 x 5	7-1/8	5-1/4	3-3/4	2-5/8	3	1/4	1	0.51	61.6	62.4	3-3/4
8 x 5	8-1/8	5-1/4	3-3/4	3-1/16	3	1/4	1	0.52	67.7	69.8	3-3/4
9 x 5	9-1/8	5-1/4	3-3/4	3-1/4	3	1/4	1	0.64	69.6	77.1	3-3/4
8 x 6	8-1/8	6-3/8	4-1/2	2-11/16	3	5/16	1	0.80	104.4	107.7	4-3/8
9 x 6	9-1/8	6-5/8	4-1/2	3-1/2	3	5/16	1	0.93	124.5	132.2	4-3/8
10 x 6	10-1/8		4-1/2	4	3	5/16	1	0.87	128.2	145.8	4-3/8
11 x 6	11-1/8	6-3/8	4-1/2	2-7/8	4	5/16	1	0.98	147.7	157.9	4-3/8
12 x 6°	12-1/8	6-3/4	5	3-1/4	4	5/16	1	1.43	172.1	183.6	5
13 x 6°	13-1/8	6-3/4	5	3-5/8	4	5/16	1	1.61	196.5	208.7	5
10 x 7	10-1/8	7-3/8	5-1/4	4	3	5/16	1	1.25	175.8	187.3	5
11 x 7	11-1/8	7-3/8	5-1/4	3	4	5/16	1	1.25	210.5	216.7	5
12 x 7°	12-1/8	7-3/8	5-1/4	3-1/4	4	5/16	1	1.64	223.2	241.1	5
13 x 7°	13-1/8	7-3/8	5-1/4	3-5/8	4	5/16	1	1.71	236.8	244.8	5
14 x 7°	14-3/8	7-3/8	5-1/4	4	4	5/16	1	1.83	269.7	290.1	5
15 x 7°	15-1/8	7-3/8	5-1/4	2-5/8	6	5/16	1	1.97	284.4	295.0	5
16 x 7°	16-1/8	7-3/8	5-1/4	2-5/8	6	5/16	1	2.06	289.9	304.8	5
12 x 8°	12-1/8	8-3/8	5-3/4	3-1/4	4	5/16	1-1/4	1.87	272.5	299.9	5-1/2
14 x 8°	14-1/8	8-3/8	5-3/4	4	4	5/16	1-1/4	2.05	324.7	364.8	5-1/2
16 x 8°	16-1/8	8-3/8	5-3/4	2-5/8	6	5/16	1-1/4	2.72	362.5	407.6	5-1/2
18 x 8°	18-1/4	8-3/8	5-3/4	3-1/8	6	5/16	1-1/4	3.00	404.9	440.6	5-1/2

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order.

■ Indicates SS and LP punch patterns differ. **Reference Punching Chart on page 112.

° Buckets with 12" lengths and up have a center brace.

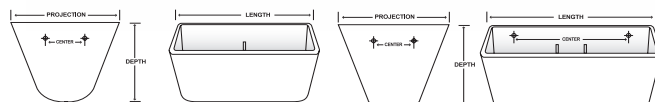
High Speed Centrifugal Discharge 220 - 900 FPM

DURA-BUKET® PEANUT BUCKET

No Ears - Style P: Polyethylene



Dura-Buket



NO EARS - STYLE P: PEANUT BUCKET

BUCKET SIZE, INCHES*				PUNCHING, INCHES					WEIGHT, LBS.	CAPACITY, CU. IN.
BUCKET SIZE	Length	Proj.	Depth	Hole Centers	# of Holes	Bolt Size	Top Down	Top Side to Center	H.D.P.E.	Water Level X-X
6 x 4	6-1/4	4-1/8	3	2	2 (Ends)	1/4	1	1	0.33	47.47
7 x 5	7-3/8	5-1/4	4	2	2 (Ends)	1/4	7/8	7/8	0.60	91.53
9 x 5	9-3/8	5-1/4	4	2	2 (Ends)	1/4	1	1	0.79	117.77
9 x 6	9-3/8	6-5/8	5-1/2	2	2 (Ends)	1/4	1	1	1.09	192.82
12 x 6	12-3/8	6-3/4	5-1/2	2	2 (Ends)	1/4	1	1	1.63	257.08
18 x 6	17-3/4	7-3/4	5-1/2	2	2 (Ends)	1/4	1	1	2.85	408.83
24 x 6	24-3/16	7-3/4	5-1/2	2	2 (Ends)	1/4	1	1	3.23	610.23
11 x 7	11-3/8	7-3/8	6	2	2 (Ends)	1/4	1	1	1.56	314.25
14 x 7	14-3/8	7-3/8	6-1/4	2	2 (Ends)	1/4	1	1	2.23	414.94
16 x 7	16-3/8	7-3/8	6	2	2 (Ends)	1/4	1	1	2.53	434.46
12 x 8	12-3/8	8-3/8	7	2	2 (Ends)	1/4	1	1	2.26	408.83
18 x 8	18-1/8	8-7/8	7-1/16	2	2 (Ends)	1/4	1	1	3.25	404.90
24 x 10	24	9-1/8	7-5/8	2-1/2	2 (Ends)	3/8	3-1/4	1	5.86	1067.85

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information.

OTHER CONSIDERATIONS

ENGINEERING: Please see Section 5 of catalog for detailed engineering, speed and capacity information.

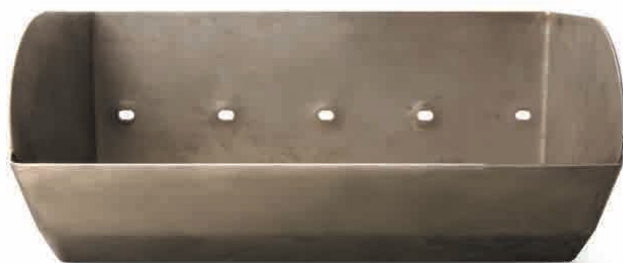
DRILLING: Elevator Buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.

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

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

CC STEEL, STEEL DIGGER BUCKETS

Fabricated Steel Buckets

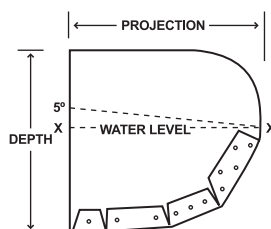


CC-STEEL ELEVATOR BUCKET

(See Chart on Pg 48)

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

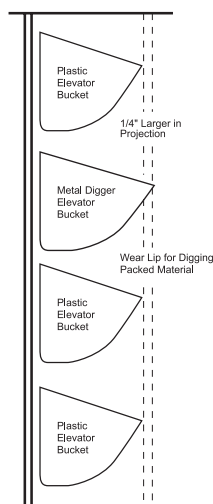
(CC-DIGGER SHOWN)

(See Chart on Pg 49)

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.

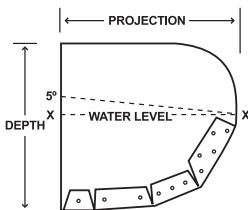


FEATURES & BENEFITS

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

CC-MAX® STEEL DIGGERS

BUCKET SIZE, INCHES			
BUCKET SIZE	Length	Proj.	Depth
5 x 4	6	4-3/4	4-1/4
6 x 4	7	4-3/4	4-1/4
7 x 4	8	4-3/4	4-1/4
6 x 5	7	5-3/4	5
7 x 5	8	5-3/4	5
8 x 5	9	5-3/4	5
9 x 5	10	5-3/4	5
10 x 5	11	5-3/4	5
11 x 5	11-13/16	5-3/4	5
8 x 6	8-13/16	7-1/8	6
9 x 6	9-13/16	7-1/8	6
10 x 6	10-13/16	7-1/8	6
11 x 6	11-13/16	7-1/8	6
12 x 6	12-13/16	7-1/8	6
13 x 6	13-13/16	7-1/8	6
10 x 7	10-13/16	8-1/8	7
11 x 7	11-13/16	8-1/8	7
12 x 7	12-13/16	8-1/8	7
13 x 7	13-13/16	8-1/8	7
14 x 7	14-13/16	8-1/8	7
15 x 7	15-13/16	8-1/8	7
16 x 7	16-13/16	8-1/8	7
12 x 8	12-13/16	9-1/8	8-1/4
13 x 8	13-13/16	9-1/8	8-1/4
14 x 8	14-13/16	9-1/8	8-1/4
16 x 8	16-13/16	9-1/8	8-1/4
18 x 8	18-13/16	9-1/8	8-1/4
20 x 8	20-13/16	9-1/8	8-1/4

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

BUCKET SIZE, INCHES				PUNCHING, IN.			LBS.	CAP., CU. IN.	
BUCKET SIZE	Length	Proj.	Depth	Hole Centers	# of Holes	Bolt Size	10 GA Carbon Steel	Water Level X-X	Usable 5° over X-5°
12 x 7	13-3/8	8-1/8	7	3-3/8	4	5/16	15.70	283.18	312.06
13 x 7	14-3/8	8-1/8	7	3-5/8	4	5/16	16.35	292.51	323.22
14 x 7	15-3/8	8-1/8	7	3	5	5/16	17.00	331.49	365.30
15 x 7	16-3/8	8-1/8	7	3-1/4	5	5/16	17.65	346.64	383.38
16 x 7	17-3/8	8-1/8	7	2-7/8	6	5/16	18.30	379.90	418.65
11 x 8	12-3/8	8-1/8	8-1/4	3	4	5/16	17.33	340.02	374.70
12 x 8	13-3/8	9-1/8	8-1/4	3-3/8	4	5/16	18.90	373.00	411.08
13 x 8	13-7/8	9-1/8	8-1/4	3-5/8	4	5/16	19.90	404.85	446.15
14 x 8	15-7/8	9-1/8	8-1/4	3	5	5/16	21.30	436.80	481.35
16 x 8	17-1/2	9-3/4	8-1/8	2-7/8	6	5/16	23.10	512.57	566.39
18 x 8	19-1/2	9-3/4	8-1/4	3-1/8	6	5/16	25.20	567.49	627.08
20 x 8	21-1/2	9-3/4	8-1/4	3-1/2	6	5/16	27.00	646.81	714.73
22 x 8	23-1/2	9-3/4	8-1/4	4	6	5/16	29.43	701.90	757.40
24 x 8	25-1/2	9-3/4	8-1/4	3-1/2	7	5/16	31.37	763.40	831.08
16 x 10	17-1/2	11-3/4	10	2-7/8	6	5/16	30.00	795.70	875.37
18 x 10	19-1/4	11-1/2	10	3-1/8	6	5/16	32.50	910.00	1001.21
20 x 10	21-1/2	11-1/2	10	3-1/2	6	5/16	35.60	1032.5	1135.98

ELEVATOR BUNDLES

The Ultimate Belt Splice

NEW! ELEVATOR BUNDLES

**ONE SOURCE, ONE SHIPMENT
AND ONE INVOICE!**

SAVINGS & CONVENIENCE FOR YOU
LESS PAPERWORK, PHONE CALLS,
AND WORRY... LOWER COSTS, FASTER
SHIPMENTS, AND LESS RISK

YOUR BENEFITS
NO HEADACHE OF RECEIVING
MULTIPLE SHIPMENTS...
LESS WORRY - BUCKET HOLES & BELT HOLES
MATCH EVERY TIME

SINGLE SOURCE: MAXI-LIFT
MAXI-LIFT STANDS BEHIND EVERY
COMPONENT OF YOUR ELEVATOR BUNDLE

MAXI-LIFT IS YOUR SINGLE SOURCE FOR...

- A Comprehensive Range of Agricultural & Industrial Duty Elevator Buckets
- A Complete Line of Elevator Belting, Available in Both Rubber & PVC
- A Full Array of Belt Splices / Belt Fastening Systems
- A Wide Scope of Elevator Bolts & Hardware Options...

*All Available in a Single Order &
Delivered in a Single Shipment!*

BUNDLES BUCKETS & BELT



Buckets



Belting



Belt Splices



Elevator Bolts

HOW TO ORDER BUNDLES

One Source, One Invoice, One Shipment

HOW TO ORDER MAXI-LIFT BUNDLES

Plastic elevator buckets, belting, and hardware all from one source? That's MAXI-LIFT, your One-Stop-Shop for all your elevator needs. You get the most reliable elevator buckets and all the other bucket elevator components.

STEP 1 Select Your Bucket

Bucket Style/Material: _____

Bucket Size: _____

Standard / Low Profile: _____

Punching: _____

Quantity: _____

STEP 2 Select Your Belting

Belt Type (Rubber / PVC): _____

Belt Thickness: _____

Belt Width: _____

Belt Length: _____

Drilling / Buckets Per Row (see Punching above): _____

For more information on selecting the correct belting, see pgs 90-91.

STEP 3 Select Your Splices

Splice Type: _____

Quantity: _____

For more information on selecting the correct splices, see pgs 92-94.

STEP 4 Select Your Elevator Bolts & Hardware

Bolt Type: _____

Bolt Size: _____

Quantity: _____

For more information on selecting the correct hardware, see pgs 96-97.

STEP 5 Select Other Items

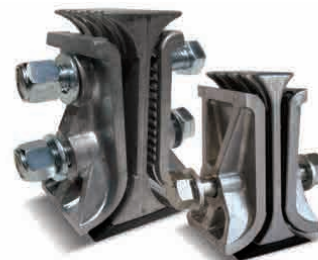
Lagging, Pulleys, Urethane Sheet or Other Items?: _____

For more information on other products, see pgs 98-104.

STEP 6 Contact Maxi-Lift For a Quote

Call Toll Free 1-800-527-0657, and speak to a Maxi-Lift Representative who will walk you through your order one step at a time!

BUNDLE COMPONENTS:



THREE FOR FREE ORDER FORM

Complete and Fax Back to: 972-735-8896

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-STAX**
STACKABLE HEAVY DUTY BUCKETS
STACKABLE



☐ **HD-MAX**
HEAVY DUTY BUCKETS
HEAVY DUTY



☐ **CC-MAX**
HEAVY DUTY



☐ **MAXI-TUFF AA**
ELEVATOR BUCKET
MAXIMUM DUTY INDUSTRIAL



☐ **MAXI-TUFF ME**
ELEVATOR BUCKET
MAXIMUM DUTY INDUSTRIAL



☐  **TIGER-TUFF**
INDUSTRIAL ELEVATOR BUCKETS.
MAXIMUM DUTY INDUSTRIAL



☐  **TIGER-CC**
INDUSTRIAL ELEVATOR BUCKETS.
MAXIMUM DUTY INDUSTRIAL



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