

Maxi-Tuff® AA/Tiger-Tuff® Industrial Elevator Buckets

Slow Speed Centrifugal Discharge 125-450 FPM



The **Maxi-Tuff AA** centrifugal elevator bucket has the traditional shape of a cast iron bucket. This bucket has a heavy reinforced lip and corners with a thickened back wall for mounting strength. Standard spacing is projection x 2. The most common applications include handling stone, sand, gravel, coal, fertilizer, clay, salt, limestone and concrete. The **Maxi-Tuff AA** bucket is the best bucket for tough, abrasive industrial applications.




The **Tiger-Tuff Industrial** is a maximum duty industrial elevator bucket, designed and engineered to maximize bucket life and elevated capacity. This will reduce down time and lower maintenance costs. The **Tiger-Tuff Industrial** bucket has the thickest lip, back wall and corners to maximize bucket life and maintain capacity. Standard spacing is projection x 2. The most common applications include aggregate, sand, gravel, coal, gypsum, limestone, clay, concrete and many, many more. The **Tiger-Tuff Industrial** is the maximum duty industrial bucket for your most demanding industrial applications.

Features

- Reduces weight on elevator up to 80%
- Up to 25% more capacity than cast iron buckets
- Cleaner discharge
- Non-corrosive, non-sparking
- Thicker walls, heavy front digging lip
- Heat, impact and abrasion resistant

Benefits

- Lowers elevator maintenance
- Reduces energy usage
- Extends bucket life
- Decreases elevator down-time
- Easier to install and replace
- Reduces build-up in bottom of buckets
- Saves money versus carbon steel

MATERIALS	NYLON	URETHANE	HD POLYETHYLENE	SPECIAL RESINS
COLOR	 TAN	 GREEN	 WHITE	As Available
APPLICATION	Hot, high impact, abrasive, dense products	Heavy abrasion, sticky materials	Food Products	Product conditions not suitable for "In Stock" bucket materials
TEMPERATURE RANGE	-60° F to + 300° F (350° F Intermittent)	-60° F to + 180° F (210° F Intermittent)	-120° F to + 180° F (210° F Intermittent)	As Required
FDA APPROVED MATERIAL	Available upon request	Yes	Yes	As Required
COMMENTS	Best for high heat applications, with tough impact and abrasion needs.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Economical, high density polyethylene. FDA approved material for handling food grade products.	For specific requirements, such as extreme temperature, abrasion, special color or product discharge.

Recommended Industrial Applications for the Maxi-Tuff® AA and Tiger-Tuff® Industrial

Recommended but not restricted to handling these specific products	• Aggregates	• Chemicals	• Fly Ash	• Minerals	• Sawdust
	• Alumina	• Clays	• Fullers Earth	• Ores	• Silica Sand
	• Asphalt	• Coal	• Gypsum	• Pellets	• Steel Shot
	• Bauxite	• Cullet	• Lime	• Phosphates	• Sugar
	• Cement	• Fertilizer	• Limestone	• Salt	• Wood Chips

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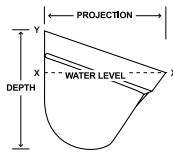
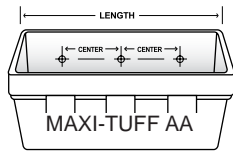
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Maxi-Tuff® AA / Tiger-Tuff® Industrial Elevator Buckets

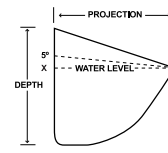
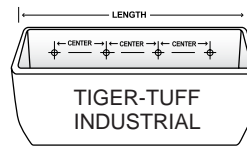
In Stock For Immediate Delivery!

#1 Selling Industrial Elevator Bucket in North America!

INDUSTRIAL BUCKETS: MAXI-TUFF® AA/TIGER-TUFF INDUSTRIAL



Ask about our
3 FOR FREE
Sample Program!



Maxi-Tuff® Industrial Duty AA Buckets

BUCKET SIZE, INCHES**				WEIGHT, LBS.			CAPACITY				
Bucket Size	Length	Proj.	Depth	(Poly) H.D.P.E.	Nylon	Urethane	Water Level Cu. Inches X-X	100% Gross Capacity Cu. Inches X-Y	Capacity Cu. Feet X-X	Standard Spacing	Carton Qty
4 x 3	4-1/4	3-1/8	3-1/8	0.18	0.20	0.24	13.40	15.90	0.008	6	24
5 x 4	5-1/4	4-1/8	4-1/8	0.44	0.51	0.60	34.80	45.20	0.020	8	24
6 x 4	6-1/4	4-1/8	4-1/8	0.49	0.56	0.69	41.50	54.30	0.024	8	24
7 x 4	7-1/4	4-1/8	4-1/8	0.56	0.65	0.78	51.30	65.30	0.030	8	24
7 x 5	7-1/8	5-1/8	5-1/4	0.82	0.93	1.14	76.60	94.60	0.044	10	24
8 x 5	8-1/8	5-1/8	5-1/4	1.02	1.17	1.40	89.70	111.70	0.052	10	28
9 x 5	9-1/8	5-1/8	5-1/4	1.02	1.17	1.41	101.30	122.00	0.059	10	28
9 x 6	9-3/8	6-1/8	6-1/8	1.23	1.45	1.72	132.40	170.90	0.077	12	42
10 x 6	10-3/8	6-1/8	6-1/8	1.39	1.54	1.88	148.30	191.60	0.086	12	35
11 x 6	11-3/8	6-1/8	6-1/8	1.43	1.63	1.99	163.50	209.30	0.095	12	35
12 x 6	12-3/8	6-1/8	6-1/8	1.95	2.21	2.62	186.10	248.10	0.108	12	16
12 x 7	12-3/8	7-1/8	7-1/8	2.21	2.47	3.00	244.10	320.40	0.141	14	12
14 x 7	14-3/8	7-1/8	7-1/8	2.57	2.91	3.50	298.40	384.40	0.173	14	12
14 x 8	14-3/8	8-1/8	8-1/8	3.64	4.12	4.93	351.50	463.80	0.204	16	12
16 x 8	16-3/8	8-1/8	8-1/8	4.12	4.62	5.58	406.40	540.10	0.235	16	10
18 x 8	18-1/8	8-1/8	8-1/8	4.52	5.24	6.09	467.40	619.40	0.271	16	10
18 x 10	18-1/2	10-1/8	10-1/8	6.83	7.80	9.40	692.60	915.30	0.401	20	7

Tiger-Tuff® Industrial Duty Buckets

BUCKET SIZE, INCHES**				WEIGHT, LBS.		CAPACITY				
Bucket Size	Length	Proj.	Depth	Nylon	Urethane	Water Level Cu. Inches X-X	100% Gross Capacity Cu. Inches X-Y	Capacity Cu. Feet X-X	Standard Spacing	Carton Qty
12 x 7	12-1/2	7-3/4	7	3.92	4.26	269.24	344.58	0.156	14	7
14 x 7	14-1/2	7-3/4	7	4.49	4.88	315.77	404.19	0.183	14	7
16 x 7	16-1/2	7-3/4	7	4.77	5.18	377.41	483.08	0.218	14	7
12 x 8	12-5/8	8-3/4	8-1/4	5.08	6.03	373.00	477.44	0.216	16	6
13 x 8	13-5/8	8-3/4	8-1/4	5.16	6.46	404.85	518.21	0.234	16	6
14 x 8	14-5/8	8-3/4	8-1/4	5.55	6.60	436.80	559.10	0.253	16	6
16 x 8	17	9-1/16	8-1/8	6.18	7.51	512.57	656.09	0.297	18	10
18 x 8	19	9-1/16	8-1/8	6.91	8.08	567.49	726.39	0.328	18	10
20 x 8	21	9-1/16	8-1/8	7.51	8.80	646.81	827.92	0.374	18	10
22 x 8	23	9-1/4	8-1/4	9.23	11.02	701.90	898.43	0.406	18	6
24 x 8	25	9-1/4	8-1/4	9.55	11.48	763.40	977.15	0.441	18	6
16 x 10	17	11	10	10.03	12.24	795.70	1018.50	0.461	20	6
18 x 10	19	11	10	11.13	13.58	910.00	1164.80	0.527	20	6
20 x 10	21	11	10	12.05	14.42	1032.50	1321.60	0.598	20	6

** Actual dimensions may vary slightly on all elevator buckets, depending on specified raw material.

Other Considerations

ENGINEERING: Please see Section 4 of the 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. Call for recommendations.

DIGGER BUCKETS: Use slightly larger metal digger 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.

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 a chain, use hex head bolts, nuts and washers. A locking device should always be used.

ADAPTER PLATES: Recommended for chain mounting applications.

FDA: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products. Special food grade nylon is also available for high heat applications.

SPACING: PROJECTION x 2 = STANDARD VERTICAL SPACING (depending on materials and speeds, smaller and larger spacing may be used).



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