MAXI-LIFT

SINGLE SOURCE FOR ELEVATOR BUCKETS

INDUSTRIAL ELEVATOR BUCKETS

UPGRADE TO THE TOUGHEST ELEVATOR BUCKETS

- **MAXI-TUFF AA & MF**
  MAXIMUM DUTY
- **TIGER-TUFF**
  INDUSTRIAL
- **TIGER-CC**
  INDUSTRIAL
- **DI-MAX AA & AC**
  DUCTILE IRON
- **DIGGER BUCKETS**
  WELDED STEEL
- **WELDED STEEL**

MAXI-LIFT

MAXI-TUFF® AA MAXIMUM DUTY

Slow Speed Centrifugal Discharge 125-450 FPM

THE MAXI-LIFT MAXI-TUFF AA

UPGRADE TO THE TOUGHEST INDUSTRIAL BUCKET

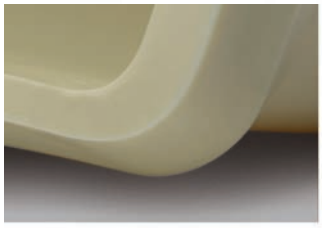
THE #1 SELLING PLASTIC INDUSTRIAL BUCKET IN NORTH AMERICA!
THE BEST BUCKET FOR TOUGH, ABRASIVE INDUSTRIAL APPLICATIONS.

DESIGNED AND ENGINEERED FOR THE TOUGHEST INDUSTRIAL MATERIALS
SAND, CEMENT, GLASS, AGGREGATE & MORE.

MAXI-TUFF® AA
ELEVATOR BUCKET

FEATURES & BENEFITS

- Reduces Weight on Elevator up to 80%
- Up to 25% More Capacity than Cast Iron Buckets
- Thicker Walls, Heavy Front Digging Lip
- Heat, Impact and Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Easier to Install and Replace
- Cleaner Discharge than Steel Buckets
- Reduces Energy Usage
- Extends Bucket Life
- Lowers Elevator Maintenance
- Decreases Elevator Down-Time
- Saves Money Versus Carbon Steel


Reinforced Corners


Heavy Front Lip


Front Ribs


Thick Back Wall

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MAXI-TUFF® AA MAXIMUM DUTY

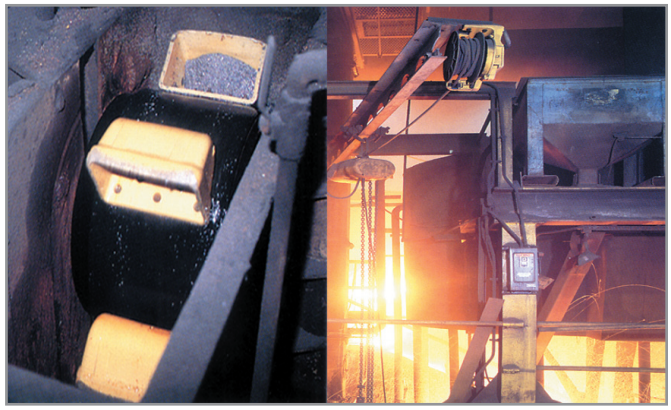
Slow Speed Centrifugal Discharge 125-450 FPM

SILICA SAND PLANT REDUCES DOWN-TIME, CUTS COST WITH MAXI-TUFF®

Osburn Materials operates ten hours a day, six days a week cleaning and processing silica sand for use in foundries, oil field applications and water filtration facilities. Annually, they process over 300,000 tons of silica sand. Initially, Osburn Materials used heavy chain and steel buckets to convey their sand. It only took one chain failure for Bob Tooke to look for a more efficient solution. "When all that steel came crashing down, there was just too much damage," said Tooke, President of Osburn Materials. They decided to switch to the **MAXI-TUFF** nylon elevator buckets and after 4 years of service, an inspection of the buckets revealed almost no wear. "Not only is there no wear, but we have never had a **MAXI-TUFF** crack or break," said Clay Tooke. Osburn fitted their expansion elevators with **MAXI-TUFF** nylon AA style buckets. "We never considered any other buckets for the new legs," said Tooke. For their tough silica sand operation, Osburn Materials will rely on the **MAXI-TUFF**.

LAFARGE CEMENT TERMINAL REDUCES WEAR & NOISE WITH MAXI-TUFF®

When heavy cast iron buckets were in use at the Lafarge cement distribution terminal in Carrollton, Michigan, wear on steel chain and the head and tail sprockets resulted in excessive maintenance and replacement costs. According to Gene Meyers, manager of the Lafarge terminal, chains had to be replaced at 5-year intervals. "After more than two years of operation with **MAXI-TUFF** buckets, we see almost no chain or sprocket wear and the drive components are holding up much better than they did with iron buckets," said Meyers. Quieter operation is another bonus with the **MAXI-TUFF** buckets. "This gives us a real improvement in working conditions," Meyers said. Lafarge's 80 ft. elevator uses a total of 180 **MAXI-TUFF** buckets to convey upwards of 600 tons of cement daily. The nylon buckets tip the scales at only 4.25 lbs. each, versus 23 lbs. for the old cast iron buckets. The total weight of the **MAXI-TUFF** buckets is only 765 lbs., compared with 4,140 lbs. for the cast iron, a weight savings of more than 3,300 lbs.! Built to handle the toughest applications, the **MAXI-TUFF** paves the way for more efficient operation at Lafarge.



'HOT SHOT' ABRASIVES PLANT RACKS UP SAVINGS WITH MAXI-TUFF®

At National Metal Abrasives Inc., Wadsworth, Ohio, **MAXI-TUFF** elevator buckets are racking up cost savings as they transport 300 tons of steel shot daily. The fully automated plant runs 24 hours a day, seven days a week. Its two 102-foot tall bucket elevators remove freshly-formed shot from quenching pits and deliver it to dryers. In the past, cast iron buckets used on the elevator wore out every six months. Also, the uneven wear of the cast iron buckets caused frequent shutdowns for replacements. "We're getting three times as much life out of each (**MAXI-TUFF**) bucket. **MAXI-TUFF** buckets are tougher, lighter and they cost about the same as cast iron." says Maintenance Manager, Clyde Robison. Now, more than 2-1/2 years later, the **MAXI-TUFF** buckets are actually outwearing the belts themselves. "We have to replace the belts every 18 months; but when we do replace the belts, the buckets are still in serviceable condition," reports National Metal's Executive VP, Bob Fuller. In the most severe of applications, the **MAXI-TUFF** once again proves why it is considered the standard in industrial elevator buckets.

MAXI-TUFF® AA MAXIMUM DUTY

Slow Speed Centrifugal Discharge 125-450 FPM

MAXI-TUFF® AA ELEVATOR BUCKET

AVAILABLE MATERIALS

	NYLON	URETHANE	POLYETHYLENE	FDA NYLON
Color	 Tan	 Green	 White	 White
Application	Hot, high impact, abrasive, dense products	Heavy abrasion, sticky materials	Food Products	Hot, high impact, abrasive, dense products
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)	-60° F to + 300° F
FDA Approved Material	No	Yes	Yes	Yes
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.	Best for high heat applications, with tough impact and abrasion needs.

APPLICATIONS

AGGREGATES
Asphalt, Clays, Coal, Limestone, Minerals, Ores, Silica Sand, Steel Shot, Wood Chips, etc.

POWDERS
Alumina, Bauxite, Cement, Chemicals, Fly Ash, Gypsum, Lime, Phosphates, Sawdust, etc.

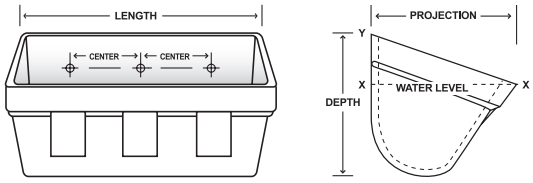
AND MORE
Salt, Sugar, Cullet, Pellets, Fertilizer, Fullers Earth, etc.

MAXI-TUFF® AA MAXIMUM DUTY

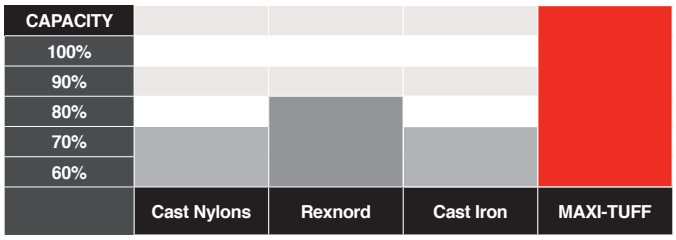
Slow Speed Centrifugal Discharge 125-450 FPM

MAXI-TUFF® AA MAXIMUM DUTY

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 cement. **MAXI-TUFF AA** bucket is the best bucket for tough, abrasive industrial applications.



MORE CAPACITY: MORE CAPACITY

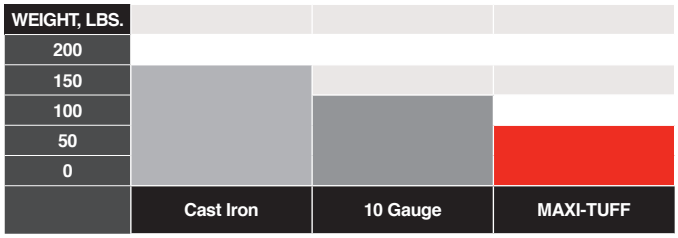


Call Maxi-Lift for specific size comparison. Data taken from published literature for each brand.

INCREASE YOUR CARRYING CAPACITY

MAXI-TUFF's deeper profile and straighter sides give more carrying capacity than competing brands and cast iron buckets. Maximize your elevated capacity by installing like size **MAXI-TUFF's**. **MAXI-TUFF** elevator buckets average more capacity than other AA buckets.

WEIGHT COMPARISON: LESS WEIGHT



Lower value means lower weight.

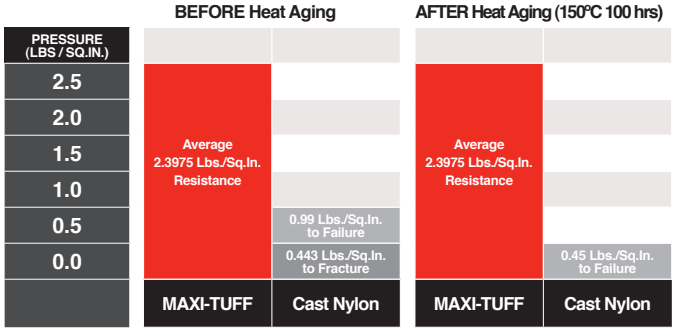
LOWER THE WEIGHT IN YOUR ELEVATOR

MAXI-TUFF's non-metallic material reduces weight on your drives and other elevating components. It reduces wear and tear on the most costly elevator parts and reduces energy consumption; that saves money. **MAXI-TUFF** also reduces operating noise - a great secondary benefit. **MAXI-TUFF** weighs on average:

78.2% LESS THAN CAST IRON

69.3% LESS THAN 10 GAUGE STEEL

IZOD IMPACT TEST: IMPACT RESISTANCE



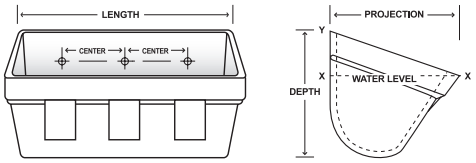
MORE IMPACT RESISTANT

Maxi-Lift uses high pressure injection molding to manufacture the **MAXI-TUFF** bucket. The high pressure eliminates pockets and bubbles in the material. The result is a uniformly solid part. Other companies use a casting process to mold their buckets. Methods used to make the material pourable for castings leave bubbles and pockets in the finished part. The result is a bucket with a much lower impact resistance. Lab testing shows a significant difference in impact strength, tensile strength and elongation to break. Cast nylon also becomes brittle in heat testing, while our injection molded Nylon stays tough. **MAXI-TUFF's** superior impact strength means longer life in your rugged industrial application!

MAXI-TUFF® AA MAXIMUM DUTY

Nylon

MAXI-TUFF® AA ELEVATOR BUCKET



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

Available Materials:

MAXI-TUFF® AA: NYLON

BUCKET SIZE, INCHES*					WEIGHT, LBS.	CAPACITY		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Nylon	Water Level Cu. In. X-X	Capacity Cu. Feet X-X	Std Spacing
4 x 3	4-1/4	3-1/8	3-1/8	0.205	0.20	13.40	0.008	6
5 x 4	5-1/4	4-1/8	4-1/8	0.205	0.51	34.80	0.020	8
6 x 4	6-1/4	4-1/8	4-1/8	0.205	0.56	41.50	0.024	8
7 x 4	7-1/4	4-1/8	4-1/8	0.225	0.65	51.30	0.030	8
7 x 5	7-1/8	5-1/8	5-1/4	0.325	0.93	76.60	0.044	10
8 x 5	8-1/8	5-1/8	5-1/4	0.325	1.17	89.70	0.052	10
9 x 5	9-1/8	5-1/8	5-1/4	0.320	1.17	101.30	0.059	10
9 x 6	9-3/8	6-1/8	6-1/8	0.290	1.45	132.40	0.077	12
10 x 6	10-3/8	6-1/8	6-1/8	0.322	1.54	148.30	0.086	12
11 x 6	11-3/8	6-1/8	6-1/8	0.285	1.63	163.50	0.095	12
12 x 6	12-3/8	6-1/8	6-1/8	0.345	2.21	186.10	0.108	12
12 x 7	12-3/8	7-1/8	7-1/8	0.284	2.47	244.10	0.141	14
14 x 7	14-3/8	7-1/8	7-1/8	0.300	2.91	298.40	0.173	14
14 x 8	14-3/8	8-1/8	8-1/8	0.455	4.12	351.50	0.204	16
16 x 8	16-3/8	8-1/8	8-1/8	0.455	4.62	406.40	0.235	16
18 x 8	18-1/8	8-1/8	8-1/8	0.455	5.24	467.40	0.271	16
18 x 10	18-1/2	10-1/8	10-1/8	0.463	7.80	692.60	0.401	20

*Injection molded materials shrink at differing rates. External dimensions may vary. For tight tolerances, contact Maxi-Lift for additional information.

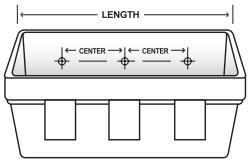
OTHER CONSIDERATIONS

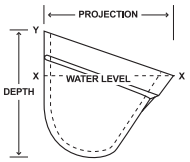
ENGINEERING: Please see Section 5 of the catalog for detailed engineering, speed and capacity information.
DRILLING: Elevator Buckets are manufactured without a drill pattern. Special drilling or punching can be accommodated upon customer request.
*Mounting Holes drilled 1/32 to 1/16 over bolt diameter for easier installation.
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, closer or wider spacing may be used).

MAXI-TUFF® AA MAXIMUM DUTY

Urethane

MAXI-TUFF® AA ELEVATOR BUCKET





MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

MAXI-TUFF® AA: URETHANE

Available Materials:

BUCKET SIZE, INCHES					WEIGHT, LBS.	CAPACITY		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Urethane	Water Level Cu. In. X-X	Capacity Cu. Feet X-X	Std Spacing
4 x 3	4-1/4	3-1/8	3-1/8	0.205	0.24	13.40	0.008	6
5 x 4	5-1/4	4-1/8	4-1/8	0.205	0.60	34.80	0.020	8
6 x 4	6-1/4	4-1/8	4-1/8	0.205	0.69	41.50	0.024	8
7 x 4	7-1/4	4-1/8	4-1/8	0.225	0.78	51.30	0.030	8
7 x 5	7-1/8	5-1/8	5-1/4	0.325	1.14	76.60	0.044	10
8 x 5	8-1/8	5-1/8	5-1/4	0.325	1.40	89.70	0.052	10
9 x 5	9-1/8	5-1/8	5-1/4	0.320	1.41	101.30	0.059	10
9 x 6	9-3/8	6-1/8	6-1/8	0.290	1.72	132.40	0.077	12
10 x 6	10-3/8	6-1/8	6-1/8	0.322	1.88	148.30	0.086	12
11 x 6	11-3/8	6-1/8	6-1/8	0.285	1.99	163.50	0.095	12
12 x 6	12-3/8	6-1/8	6-1/8	0.345	2.62	186.10	0.108	12
12 x 7	12-3/8	7-1/8	7-1/8	0.284	3.00	244.10	0.141	14
14 x 7	14-3/8	7-1/8	7-1/8	0.300	3.50	298.40	0.173	14
14 x 8	14-3/8	8-1/8	8-1/8	0.455	4.93	351.50	0.204	16
16 x 8	16-3/8	8-1/8	8-1/8	0.455	5.58	406.40	0.235	16
18 x 8	18-1/8	8-1/8	8-1/8	0.455	6.09	467.40	0.271	16
18 x 10	18-1/2	10-1/8	10-1/8	0.463	9.40	692.60	0.401	20

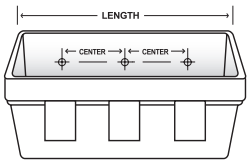
*Injection molded materials shrink at differing rates. External dimensions may vary. For tight tolerances, contact Maxi-Lift for additional information.

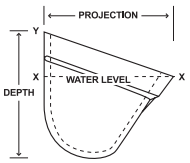
Slow Speed Centrifugal Discharge 125-450 FPM

MAXI-TUFF® AA MAXIMUM DUTY

Polyethylene

MAXI-TUFF® AA ELEVATOR BUCKET





MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

Available Materials:

MAXI-TUFF® AA: POLYETHYLENE

BUCKET SIZE, INCHES*					WEIGHT, LBS.	CAPACITY		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	HDPE	Water Level Cu. In. X-X	Capacity Cu. Feet X-X	Std Spacing
4 x 3	4-1/4	3-1/8	3-1/8	0.205	0.18	13.40	0.008	6
5 x 4	5-1/4	4-1/8	4-1/8	0.205	0.44	34.80	0.020	8
6 x 4	6-1/4	4-1/8	4-1/8	0.205	0.49	41.50	0.024	8
7 x 4	7-1/4	4-1/8	4-1/8	0.225	0.56	51.30	0.030	8
7 x 5	7-1/8	5-1/8	5-1/4	0.325	0.82	76.60	0.044	10
8 x 5	8-1/8	5-1/8	5-1/4	0.325	1.02	89.70	0.052	10
9 x 5	9-1/8	5-1/8	5-1/4	0.320	1.02	101.30	0.059	10
9 x 6	9-3/8	6-1/8	6-1/8	0.290	1.23	132.40	0.077	12
10 x 6	10-3/8	6-1/8	6-1/8	0.322	1.39	148.30	0.086	12
11 x 6	11-3/8	6-1/8	6-1/8	0.285	1.43	163.50	0.095	12
12 x 6	12-3/8	6-1/8	6-1/8	0.345	1.95	186.10	0.108	12
12 x 7	12-3/8	7-1/8	7-1/8	0.284	2.21	244.10	0.141	14
14 x 7	14-3/8	7-1/8	7-1/8	0.300	2.57	298.40	0.173	14
14 x 8	14-3/8	8-1/8	8-1/8	0.455	3.64	351.50	0.204	16
16 x 8	16-3/8	8-1/8	8-1/8	0.455	4.12	406.40	0.235	16
18 x 8	18-1/8	8-1/8	8-1/8	0.455	4.52	467.40	0.271	16
18 x 10	18-1/2	10-1/8	10-1/8	0.463	6.83	692.60	0.401	20

*Injection molded materials shrink at differing rates. External dimensions may vary. For tight tolerances, contact Maxi-Lift for additional information.

Slow Speed Centrifugal Discharge 125-450 FPM

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MAXI-TUFF® MF (MEDIUM FRONT)

Slow Speed Continuous Discharge 1-250 FPM

THE MAXI-LIFT MAXI-TUFF MF

MAXI-TUFF® MF
ELEVATOR BUCKET

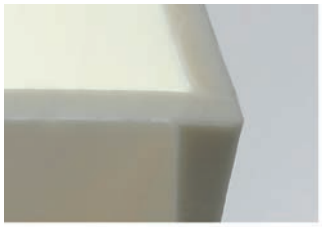
UPGRADE TO THE TOUGHEST INDUSTRIAL BUCKET

THE #1 SELLING PLASTIC INDUSTRIAL BUCKET IN NORTH AMERICA!
THE BEST BUCKET FOR TOUGH, ABRASIVE INDUSTRIAL APPLICATIONS.

DESIGNED AND ENGINEERED FOR THE TOUGHEST INDUSTRIAL MATERIALS
SAND, CEMENT, GLASS, AGGREGATE, ETC.

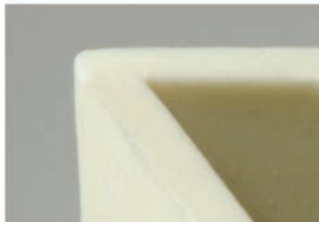
FEATURES & BENEFITS

- Reduces Weight on Elevator up to 80%
- Thicker Walls, Heavy Front Digging Lip
- Heat, Impact and Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Cleaner Discharge than Steel Buckets
- Reduces Energy Usage
- Extends Bucket Life
- Lowers Elevator Maintenance
- Decreases Elevator Down-Time
- Saves Money Versus Carbon Steel


Reinforced Corners


Heavy Front Lip


Thick Side Walls


Thick Back Wall

MAXI-TUFF® MF MAXIMUM DUTY

Slow Speed Continuous Discharge 1-250 FPM

MAXI-TUFF® MF

ELEVATOR BUCKET

AVAILABLE MATERIALS

	NYLON	URETHANE	POLYETHYLENE	FDA NYLON
Color	Tan	Green	White	White
Application	Hot, high impact, abrasive, dense products	Heavy abrasion, sticky materials	Food Products	Hot, high impact, abrasive, dense products
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)	-60° F to + 300° F
FDA Approved Material	No	Yes	Yes	Yes
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.	Best for high heat food grade applications, with tough impact and abrasion needs.

APPLICATIONS

AGGREGATES
Asphalt, Clays, Coal, Limestone, Minerals, Ores, Silica Sand, Steel Shot, Wood Chips, etc.

POWDERS
Alumina, Bauxite, Cement, Chemicals, Fly Ash, Gypsum, Lime, Phosphates, Sawdust, etc.

AND MORE
Salt, Sugar, Cullet, Pellets, Fertilizer, Fullers Earth, etc.

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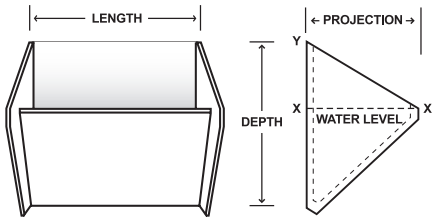
MAXI-TUFF® MF (MEDIUM FRONT)

Nylon, Urethane, Polyethylene

MAXI-TUFF® MF MAXIMUM DUTY

The **MAXI-TUFF MF** Medium Front continuous elevator bucket has the traditional shape of an MF steel elevator bucket. It also has a heavy reinforced lip and corners with a thickened back wall for mounting strength. Standard vertical spacing is depth + 1/4". The most common applications include fertilizer, clay, alumina and pellets. The **MAXI-TUFF MF** is the best bucket for fluffy or free flowing materials or those which require gentle handling.



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

MAXI-TUFF® MF: CONTINUOUS DISCHARGE

Available Materials:

BUCKET SIZE, INCHES*					WEIGHT, LBS.			CAPACITY		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Nylon	Urethane	HDPE	Water Level Cu. In. X-X	Capacity Cu. Feet X-X	Std Spacing
8 x 5 x 7	8-1/4	5-1/2	7-1/2	0.380	1.97	2.37	1.70	80.56	0.047	8
10 x 5 x 7	10-1/4	5-1/2	7-1/2	0.395	2.32	2.86	2.04	94.90	0.055	8
12 x 7 x 11	12-1/4	7-1/2	11-1/2	0.350	4.00	4.80	3.62	172.63	0.100	12
14 x 7 x 11	14-1/4	7-1/2	11-1/2	0.325	4.53	5.33	3.88	201.30	0.117	12
16 x 7 x 11	16-1/4	7-1/2	11-1/2	0.325	4.97	5.97	4.39	238.81	0.138	12
18 x 7 x 11	18-1/4	7-1/2	11-1/2	0.325	5.83	6.74	4.95	244.31	0.141	12
12 x 8 x 11	12-1/4	8-1/2	11-1/2	0.325	4.81	5.65	4.32	274.60	0.159	12
14 x8 x 11	14-1/4	8-1/2	11-1/2	0.325	5.26	6.28	4.57	335.61	0.194	12
16 x 8 x 11	16-1/4	8-1/2	11-1/2	0.325	5.81	7.03	5.17	396.63	0.230	12
18 x 8 x 11	18-1/4	8-1/2	11-1/2	0.325	6.77	7.94	5.83	467.65	0.271	12

*Injection molded materials shrink at differing rates. External dimensions may vary. For tight tolerances, 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 installation.
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.
SPACING: Depth + 1/4" = most practical vertical spacing (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 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.

Slow Speed Continuous Discharge 1-250 FPM

TIGER-TUFF® INDUSTRIAL

Slow Speed Centrifugal Discharge 125-450 FPM

THE MAXI-LIFT TIGER-TUFF

TIGER-TUFF
INDUSTRIAL ELEVATOR BUCKETS®

THE INDUSTRIAL STRENGTH TIGER-TUFF

THICKER. TOUGHER. LASTS LONGER:
DESIGNED FOR THE TOUGHEST APPLICATIONS - FOR THOSE WHO DON'T HAVE TIME TO BE DOWN

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

FEATURES & BENEFITS

- More Capacity Than Typical AA Buckets
- Thicker Than Most AA Plastic Buckets
- Reduces Weight on Elevator up to 80%
- More Capacity than Cast Iron Buckets
- Thicker Walls, Heavy Front Digging Lip
- Heat, Impact and Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Easier to Install and Replace
- Cleaner Discharge
- Reduces Build-Up in Bottom of Buckets
- Reduces Energy Usage
- Extends Bucket Life
- Lowers Elevator Maintenance
- Decreases Elevator Down-Time
- Saves Money Versus Carbon Steel


Thick Back Wall


Heavy Duty Construction


Heavy Front Lip


Reinforced Corners

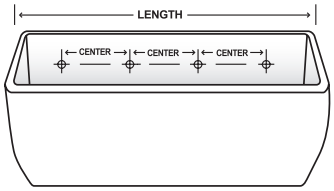
16400 Midway Rd Dallas, TX USA 75001 • P.O. Box 700008 Dallas, TX 75370-0008 • Ph: (972)735-8855 • Fx: (972)735-8896

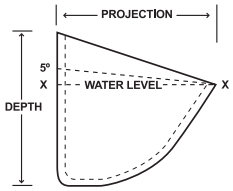
TIGER-TUFF® INDUSTRIAL

Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-TUFF® INDUSTRIAL

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, cement and many, many more. The **TIGER-TUFF** Industrial is the maximum duty industrial bucket for your most demanding industrial applications.





AVAILABLE MATERIALS

	NYLON	POLYETHYLENE	URETHANE	FDA NYLON
Color	Tan	Orange	Green	White
Application	Hot, high impact, abrasive, dense products	Food Products	Heavy abrasion, sticky materials	Hot, high impact, abrasive food grade products
Temperature Range	-60° F to + 300° F (350° F Intermittent)	-120° F to + 180° F (210° F Intermittent)	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F
FDA Approved Material	No	Yes	Yes	Yes
Comments	Best for high heat applications, with tough impact and abrasion needs.	Economical, high density polyethylene. FDA approved material for handling food grade products.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Best for high heat applications, with tough impact and abrasion needs.

APPLICATIONS

AGGREGATES
Asphalt, Clays, Coal, Limestone, Minerals, Ores, Silica Sand, Steel Shot, Wood Chips, etc.

POWDERS
Alumina, Bauxite, Cement, Chemicals, Fly Ash, Gypsum, Lime, Phosphates, Sawdust, etc.

AND MORE
Salt, Sugar, Cullet, Pellets, Fertilizer, Fullers Earth, etc.

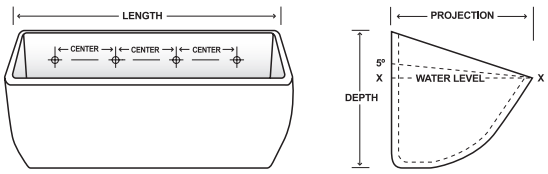
OTHER CONSIDERATIONS

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.
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.
ADAPTER PLATES: Recommended for chain mounting applications.
FDA: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products.
SPACING: PROJECTION x 2 = STANDARD VERTICAL SPACING (depending on materials and speeds, closer or wider spacing may be used).

TIGER-TUFF® INDUSTRIAL

Nylon

TIGER-TUFF
INDUSTRIAL ELEVATOR BUCKETS®



Available Materials:

TIGER-TUFF® INDUSTRIAL: Nylon

BUCKET SIZE, INCHES*					WEIGHT, LBS	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Nylon	Water Level X-X, Cu. In.	Water Level X-X, Cu. Ft.	Std Spacing
6 x 5	6 5/8	5 3/4	5	0.33	1.08	67.20	0.039	10
7 x 5	7 5/8	5 3/4	5	0.33	1.26	79.72	0.046	10
8 x 5	8 5/8	5 3/4	5	0.33	1.44	88.54	0.051	10
9 x 5	9 5/8	5 3/4	5	0.33	1.62	107.37	0.062	10
10 x 5	10 5/8	5 3/4	5	0.33	1.80	121.30	0.070	10
11 x 5	11 5/8	5 3/4	5	0.33	1.98	140.70	0.081	10
12 x 5	12 5/8	5 3/4	5	0.33	2.16	159.87	0.093	10
8 x 6	8 5/8	6 7/8	6	0.40	2.09	135.56	0.078	12
9 x 6	9 5/8	6 7/8	6	0.40	2.26	150.26	0.087	12
10 x 6	10 5/8	6 7/8	6	0.40	2.44	170.69	0.099	12
11 x 6	11 5/8	6 7/8	6	0.40	2.63	185.18	0.107	12
12 x 6	12 5/8	6 7/8	6	0.40	2.81	200.37	0.116	12
13 x 6	13 5/8	6 7/8	6	0.40	2.99	220.78	0.123	12
12 x 7	12 7/8	7 7/8	7	0.42	4.12	269.24	0.156	14
13 x 7	13 7/8	7 7/8	7	0.42	4.44	292.51	0.169	14
14 x 7	14 7/8	7 7/8	7	0.42	4.72	315.77	0.183	14
15 x 7	15 7/8	7 7/8	7	0.42	5.15	346.64	0.201	14
16 x 7	16 7/8	7 7/8	7	0.42	5.37	377.41	0.218	14
11 x 8	11 7/8	8 7/8	8 1/4	0.50	5.16	340.02	0.197	16
12 x 8	12 7/8	8 7/8	8 1/4	0.50	5.42	373.00	0.216	16
13 x 8	13 7/8	8 7/8	8 1/4	0.50	5.66	404.85	0.234	16
14 x 8	14 7/8	8 7/8	8 1/4	0.50	6.09	436.80	0.253	16
16 x 8	17	9 1/4	8 1/4	0.50	6.18	512.57	0.297	16
18 x 8	19	9 1/4	8 1/4	0.50	6.91	567.49	0.328	20
20 x 8	21	9 1/4	8 1/4	0.50	7.51	646.81	0.374	20
22 x 8	23	9 1/4	8 1/4	0.50	9.23	701.90	0.406	20
24 x 8	25	9 1/4	8 1/4	0.50	9.55	763.40	0.441	20
16 x 10	17	11 1/4	10	0.75	10.03	795.70	0.461	20
18 x 10	19	11 1/4	10	0.75	11.13	910.00	0.527	20
20 x 10	21	11 1/4	10	0.75	12.05	1032.50	0.598	20

New Sizes Enhanced Designs. Disclaimer: New weights, dimensions, & capacities are estimated. Actual measurements may vary. *Some sizes are made to order.
*Injection molded materials shrink at differing rates. External dimensions may vary. For tight tolerances, contact Maxi-Lift for additional information.
Please contact Maxi-Lift for the most updated information. *Tiger-Tuff Industrial buckets must have metal adapter plates for chain.

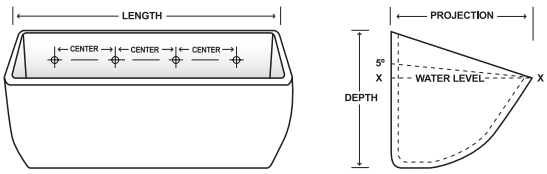
Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-TUFF® INDUSTRIAL

FDA Nylon

All Special Run-minimum quantities and set up fees may occur

TIGER-TUFF
INDUSTRIAL ELEVATOR BUCKETS®



Available Materials:

TIGER-TUFF® INDUSTRIAL: FDA Nylon

BUCKET SIZE, INCHES*					WEIGHT, LBS	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	FDA Nylon	Water Level X-X, Cu. In.	Water Level X-X, Cu. Ft.	Std Spacing
6 x 5	6 5/8	5 3/4	5	0.33	1.08	67.20	0.039	10
7 x 5	7 5/8	5 3/4	5	0.33	1.26	79.72	0.046	10
8 x 5	8 5/8	5 3/4	5	0.33	1.44	88.54	0.051	10
9 x 5	9 5/8	5 3/4	5	0.33	1.62	107.37	0.062	10
10 x 5	10 5/8	5 3/4	5	0.33	1.80	121.30	0.07	10
11 x 5	11 5/8	5 3/4	5	0.33	1.98	140.70	0.081	10
12 x 5	12 5/8	5 3/4	5	0.33	2.16	159.87	0.093	10
8 x 6	8 5/8	6 7/8	6	0.40	2.09	135.56	0.078	12
9 x 6	9 5/8	6 7/8	6	0.40	2.26	150.26	0.087	12
10 x 6	10 5/8	6 7/8	6	0.40	2.44	170.69	0.099	12
11 x 6	11 5/8	6 7/8	6	0.40	2.63	185.18	0.107	12
12 x 6	12 5/8	6 7/8	6	0.40	2.81	200.37	0.116	12
13 x 6	13 5/8	6 7/8	6	0.40	2.99	220.78	0.123	12
12 x 7	12 7/8	7 7/8	7	0.42	4.12	269.24	0.156	14
13 x 7	13 7/8	7 7/8	7	0.42	4.44	292.51	0.169	14
14 x 7	14 7/8	7 7/8	7	0.42	4.72	315.77	0.183	14
15 x 7	15 7/8	7 7/8	7	0.42	5.15	346.64	0.201	14
16 x 7	16 7/8	7 7/8	7	0.42	5.37	377.41	0.218	14
11 x 8	11 7/8	8 7/8	8 1/4	0.50	5.16	340.02	0.197	16
12 x 8	12 7/8	8 7/8	8 1/4	0.50	5.42	373.00	0.216	16
13 x 8	13 7/8	8 7/8	8 1/4	0.50	5.66	404.85	0.234	16
14 x 8	14 7/8	8 7/8	8 1/4	0.50	6.09	436.80	0.253	16
16 x 8	17	9 1/4	8 1/4	0.50	6.18	512.57	0.297	16
18 x 8	19	9 1/4	8 1/4	0.50	6.91	567.49	0.328	20
20 x 8	21	9 1/4	8 1/4	0.50	7.51	646.81	0.374	20
22 x 8	23	9 1/4	8 1/4	0.50	9.23	701.90	0.406	20
24 x 8	25	9 1/4	8 1/4	0.50	9.55	763.40	0.441	20
16 x 10	17	11 1/4	10	0.75	10.03	795.70	0.461	20
18 x 10	19	11 1/4	10	0.75	11.13	910.00	0.527	20
20 x 10	21	11 1/4	10	0.75	12.05	1032.50	0.598	20

New Sizes Enhanced Designs. Disclaimer: New weights, dimensions, & capacities are estimated. Actual measurements may vary. *Some sizes are made to order.

*Injection molded materials shrink at differing rates. External dimensions may vary. For tight tolerances, contact Maxi-Lift for additional information.

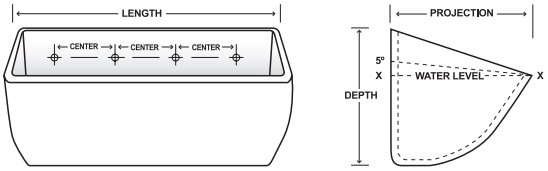
Please contact Maxi-Lift for the most updated information. *Tiger-Tuff Industrial buckets must have metal adapter plates for chain.

Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-TUFF® INDUSTRIAL

Urethane

TIGER-TUFF
INDUSTRIAL ELEVATOR BUCKETS®



Available Materials:

TIGER-TUFF® INDUSTRIAL: Urethane

BUCKET SIZE, INCHES*					WEIGHT, LBS	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Urethane	Water Level X-X, Cu. In.	Water Level X-X, Cu. Ft.	Std Spacing
6 x 5	6 5/8	5 3/4	5	0.33	1.18	67.20	0.039	10
7 x 5	7 5/8	5 3/4	5	0.33	1.38	79.72	0.046	10
8 x 5	8 5/8	5 3/4	5	0.33	1.57	88.54	0.051	10
9 x 5	9 5/8	5 3/4	5	0.33	1.77	107.37	0.062	10
10 x 5	10 5/8	5 3/4	5	0.33	1.97	121.30	0.07	10
11 x 5	11 5/8	5 3/4	5	0.33	2.16	140.70	0.081	10
12 x 5	12 5/8	5 3/4	5	0.33	2.36	159.87	0.093	10
8 x 6	8 5/8	6 7/8	6	0.40	2.28	135.56	0.078	12
9 x 6	9 5/8	6 7/8	6	0.40	2.47	150.26	0.087	12
10 x 6	10 5/8	6 7/8	6	0.40	2.67	170.69	0.099	12
11 x 6	11 5/8	6 7/8	6	0.40	2.87	185.18	0.107	12
12 x 6	12 5/8	6 7/8	6	0.40	3.05	200.37	0.116	12
13 x 6	13 5/8	6 7/8	6	0.40	3.25	220.78	0.123	12
12 x 7	12 7/8	7 7/8	7	0.42	4.48	269.24	0.156	14
13 x 7	13 7/8	7 7/8	7	0.42	4.82	292.51	0.169	14
14 x 7	14 7/8	7 7/8	7	0.42	5.14	315.77	0.183	14
15 x 7	15 7/8	7 7/8	7	0.42	5.56	346.64	0.201	14
16 x 7	16 7/8	7 7/8	7	0.42	5.79	377.41	0.218	14
11 x 8	11 7/8	8 7/8	8 1/4	0.50	6.02	340.02	0.197	16
12 x 8	12 7/8	8 7/8	8 1/4	0.50	6.36	373.00	0.216	16
13 x 8	13 7/8	8 7/8	8 1/4	0.50	6.65	404.85	0.234	16
14 x 8	14 7/8	8 7/8	8 1/4	0.50	7.15	436.80	0.253	16
16 x 8	17	9 1/4	8 1/4	0.50	7.51	512.57	0.297	16
18 x 8	19	9 1/4	8 1/4	0.50	8.08	567.49	0.328	20
20 x 8	21	9 1/4	8 1/4	0.50	8.80	646.81	0.374	20
22 x 8	23	9 1/4	8 1/4	0.50	11.02	701.90	0.406	20
24 x 8	25	9 1/4	8 1/4	0.50	11.48	763.40	0.441	20
16 x 10	17	11 1/4	10	0.75	12.24	795.70	0.461	20
18 x 10	19	11 1/4	10	0.75	13.58	910.00	0.527	20
20 x 10	21	11 1/4	10	0.75	14.42	1032.50	0.598	20

New Sizes Enhanced Designs. Disclaimer: New weights, dimensions, & capacities are estimated. Actual measurements may vary. *Some sizes are made to order.
*Injection molded materials shrink at differing rates. External dimensions may vary. For tight tolerances, contact Maxi-Lift for additional information.
Please contact Maxi-Lift for the most updated information. *Tiger-Tuff Industrial buckets must have metal adapter plates for chain.

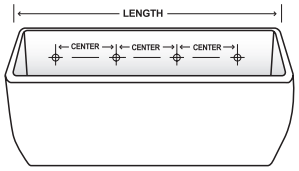
Slow Speed Centrifugal Discharge 125-450 FPM

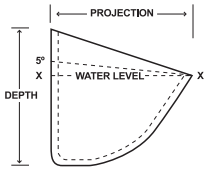
TIGER-TUFF® INDUSTRIAL

Polyethylene

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

TIGER-TUFF
INDUSTRIAL ELEVATOR BUCKETS®





Available Materials:

TIGER-TUFF® INDUSTRIAL: Polyethylene

BUCKET SIZE, INCHES*					WEIGHT, LBS	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	HDPE	Water Level X-X, Cu. In.	Water Level X-X, Cu. Ft.	Std Spacing
6 x 5	6 5/8	5 3/4	5	0.33	0.94	67.20	0.039	10
7 x 5	7 5/8	5 3/4	5	0.33	1.10	79.72	0.046	10
8 x 5	8 5/8	5 3/4	5	0.33	1.25	88.54	0.051	10
9 x 5	9 5/8	5 3/4	5	0.33	1.41	107.37	0.062	10
10 x 5	10 5/8	5 3/4	5	0.33	1.57	121.30	0.07	10
11 x 5	11 5/8	5 3/4	5	0.33	1.72	140.70	0.081	10
12 x 5	12 5/8	5 3/4	5	0.33	1.88	159.87	0.093	10
8 x 6	8 5/8	6 7/8	6	0.40	1.82	135.56	0.078	12
9 x 6	9 5/8	6 7/8	6	0.40	1.97	150.26	0.087	12
10 x 6	10 5/8	6 7/8	6	0.40	2.13	170.69	0.099	12
11 x 6	11 5/8	6 7/8	6	0.40	2.29	185.18	0.107	12
12 x 6	12 5/8	6 7/8	6	0.40	2.44	200.37	0.116	12
13 x 6	13 5/8	6 7/8	6	0.40	2.60	220.78	0.123	12
12 x 7	12 7/8	7 7/8	7	0.42	3.60	269.24	0.156	14
13 x 7	13 7/8	7 7/8	7	0.42	3.86	292.51	0.169	14
14 x 7	14 7/8	7 7/8	7	0.42	4.14	315.77	0.183	14
15 x 7	15 7/8	7 7/8	7	0.42	4.47	346.64	0.201	14
16 x 7	16 7/8	7 7/8	7	0.42	4.68	377.41	0.218	14
11 x 8	11 7/8	8 7/8	8 1/4	0.50	4.45	340.02	0.197	16
12 x 8	12 7/8	8 7/8	8 1/4	0.50	4.71	373.00	0.216	16
13 x 8	13 7/8	8 7/8	8 1/4	0.50	4.92	404.85	0.234	16
14 x 8	14 7/8	8 7/8	8 1/4	0.50	5.30	436.80	0.253	16
16 x 8	17	9 1/4	8 1/4	0.50	5.35	512.57	0.297	16
18 x 8	19	9 1/4	8 1/4	0.50	5.89	567.49	0.328	20
20 x 8	21	9 1/4	8 1/4	0.50	6.62	646.81	0.374	20
22 x 8	23	9 1/4	8 1/4	0.50	7.85	701.90	0.406	20
24 x 8	25	9 1/4	8 1/4	0.50	8.50	763.40	0.441	20
16 x 10	17	11 1/4	10	0.75	8.87	795.70	0.461	20
18 x 10	19	11 1/4	10	0.75	9.83	910.00	0.527	20
20 x 10	21	11 1/4	10	0.75	10.57	1032.50	0.598	20

New Sizes Enhanced Designs. Disclaimer: New weights, dimensions, & capacities are estimated. Actual measurements may vary. *Some sizes are made to order.
*Injection molded materials shrink at differing rates. External dimensions may vary. For tight tolerances, contact Maxi-Lift for additional information.
Please contact Maxi-Lift for the most updated information. *Tiger-Tuff Industrial buckets must have metal adapter plates for chain.

Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-CC® INDUSTRIAL

Slow Speed Centrifugal Discharge 125-450 FPM

THE INDUSTRIAL TIGER-CC

TIGER-CC
INDUSTRIAL ELEVATOR BUCKETS®

THE INDUSTRIAL STRENGTH TIGER-CC

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

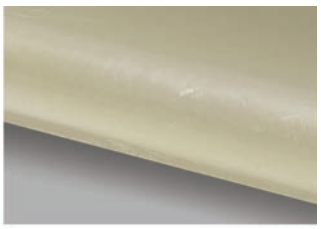
ENGINEERED FOR ULTIMATE RELIABILITY:
THE THICKEST FRONT LIP AND CORNERS GIVE THE LONGEST BUCKET LIFE

ALL TIGER. ALL CC.

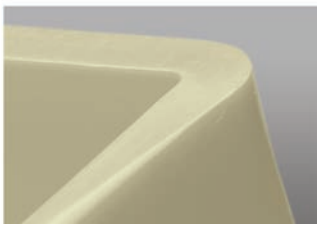
FEATURES & BENEFITS

- Largest Capacity - Move More Material in a Single Row
- 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


Reinforced Corners


Heavy Front Lip


Traditional CC Breaks


Thick Back Wall

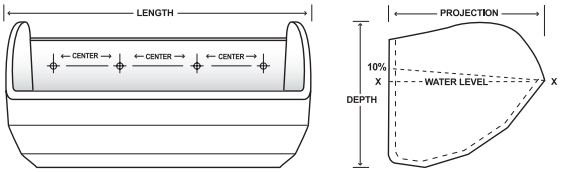
16400 Midway Rd Dallas, TX USA 75001 • P.O. Box 700008 Dallas, TX 75370-0008 • Ph: (972)735-8855 • Fx: (972)735-8896

TIGER-CC® INDUSTRIAL

Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-CC® INDUSTRIAL

The **TIGER-CC** Industrial is a maximum duty industrial elevator bucket designed in the traditional CC style. The **TIGER-CC** is engineered to maximize bucket life and elevator capacity, reduce down time and lower maintenance costs. The **TIGER-CC** 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, cement and many, many more. The **TIGER-CC** Industrial is the maximum duty industrial bucket for your most demanding industrial applications.



AVAILABLE MATERIALS

	NYLON	POLYETHYLENE	URETHANE	FDA NYLON
Color	 Tan	 Orange	 Green	 White
Application	Hot, high impact, abrasive, dense products	Food Products	Heavy abrasion, sticky materials	Hot, high impact, abrasive food grade products
Temperature Range	-60° F to + 300° F (350° F Intermittent)	-120° F to + 180° F (210° F Intermittent)	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F
FDA Approved Material	No	Yes	Yes	Yes
Comments	Best for high heat applications, with tough impact and abrasion needs.	Economical, high density polyethylene. FDA approved material for handling food grade products.	Most flexible and abrasion resistant. Resists product sticking and sharp cutting particles.	Best for high heat applications, with tough impact and abrasion needs.

APPLICATIONS

AGGREGATES
Asphalt, Clays, Coal, Limestone, Minerals, Ores, Silica Sand, Steel Shot, Wood Chips, etc.

POWDERS
Alumina, Bauxite, Cement, Chemicals, Fly Ash, Gypsum, Lime, Phosphates, Sawdust, etc.

AND MORE
Salt, Sugar, Cullet, Pellets, Fertilizer, Fullers Earth, etc.

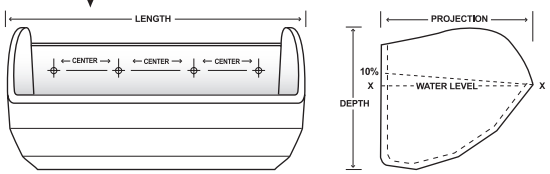
OTHER CONSIDERATIONS

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.
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.
ADAPTER PLATES: Recommended for chain mounting applications.
FDA NYLON: Both the urethane and polyethylene are designed to FDA specifications for direct contact with food products.
SPACING: PROJECTION x 2 = STANDARD VERTICAL SPACING (depending on materials and speeds, closer or wider spacing may be used).

TIGER-CC® INDUSTRIAL

Nylon

TIGER-CC
INDUSTRIAL ELEVATOR BUCKETS®



Available Materials:

TIGER-CC® INDUSTRIAL: Nylon

BUCKET SIZE, INCHES*					WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thick-ness	Nylon	Water Level X-X Cu. In	Water Level X-X Cu. Ft.	Std Spacing
12 x 8	12-7/8	9-1/4	8-7/8	0.55	-	366	0.212	16
14 x 8	14-7/8	9-1/4	8-7/8	0.55	-	430	0.249	16
16 x 8	16-7/8	9-1/4	8-7/8	0.55	-	510	0.295	16
18 x 8	18-7/8	9-1/4	8-7/8	0.55	-	560	0.324	16
20 x 8	20-7/8	9-1/4	8-7/8	0.55	8.15	655	0.379	16
20 x 10	21	11-1/2	10-3/8	0.70	-	1005	0.581	20
21 x 10	22	11-1/2	10-3/8	0.70	-	1055	0.611	20
22 x 10	23	11-1/2	10-3/8	0.70	-	1105	0.639	20
23 x 10	24	11-1/2	10-3/8	0.70	-	1155	0.668	20
24 x 10	25	11-1/2	10-3/8	0.70	-	1206	0.698	20
25 x 10	26	11-1/2	10-3/8	0.70	-	1256	0.727	20
26 x 10	27	11-1/2	10-3/8	0.70	-	1306	0.756	20
27 x 10	28	11-1/2	10-3/8	0.70	-	1356	0.785	20
28 x 10	29	11-1/2	10-3/8	0.70	-	1400	0.810	20

Available upon request - extended lead time required.

* Injection molded materials shrink at differing rates. External dimensions may vary. For tight tolerances, contact Maxi-Lift for additional information. **Some sizes are made to order.

Weights, Dimensions, and Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. Please contact Maxi-Lift for the most updated information.

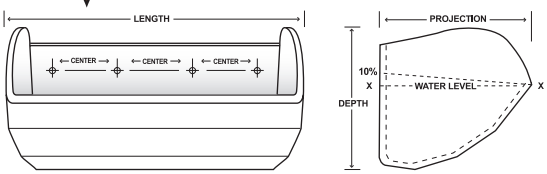
Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-CC® INDUSTRIAL

FDA Nylon

All Special Run-minimum quantities and set up fees may occur

TIGER-CC
INDUSTRIAL ELEVATOR BUCKETS®



Available Materials:

TIGER-CC® INDUSTRIAL: FDA Nylon

BUCKET SIZE, INCHES*					WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thick-ness	FDA Nylon	Water Level X-X Cu. In	Water Level X-X Cu. Ft.	Std Spacing
12 x 8	12-7/8	9-1/4	8-7/8	0.55	-	366	0.212	16
14 x 8	14-7/8	9-1/4	8-7/8	0.55	-	430	0.249	16
16 x 8	16-7/8	9-1/4	8-7/8	0.55	-	510	0.295	16
18 x 8	18-7/8	9-1/4	8-7/8	0.55	-	560	0.324	16
20 x 8	20-7/8	9-1/4	8-7/8	0.55	8.15	655	0.379	16
20 x 10	21	11-1/2	10-3/8	0.70	-	1005	0.581	20
21 x 10	22	11-1/2	10-3/8	0.70	-	1055	0.611	20
22 x 10	23	11-1/2	10-3/8	0.70	-	1105	0.639	20
23 x 10	24	11-1/2	10-3/8	0.70	-	1155	0.668	20
24 x 10	25	11-1/2	10-3/8	0.70	-	1206	0.698	20
25 x 10	26	11-1/2	10-3/8	0.70	-	1256	0.727	20
26 x 10	27	11-1/2	10-3/8	0.70	-	1306	0.756	20
27 x 10	28	11-1/2	10-3/8	0.70	-	1356	0.785	20
28 x 10	29	11-1/2	10-3/8	0.70	-	1400	0.810	20

Available upon request - extended lead time required.

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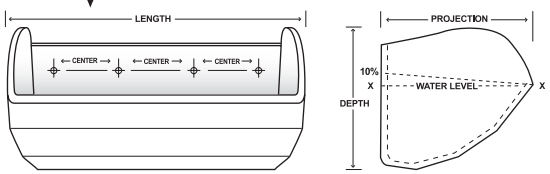
Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-CC® INDUSTRIAL

Urethane

TIGER-CC
INDUSTRIAL ELEVATOR BUCKETS®



Available Materials:

TIGER-CC® INDUSTRIAL: Urethane

BUCKET SIZE, INCHES*					WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thick-ness	Urethane	Water Level X-X Cu. In	Water Level X-X Cu. Ft.	Std Spacing
12 x 8	12-7/8	9-1/4	8-7/8	0.55	-	366	0.212	16
14 x 8	14-7/8	9-1/4	8-7/8	0.55	-	430	0.249	16
16 x 8	16-7/8	9-1/4	8-7/8	0.55	-	510	0.295	16
18 x 8	18-7/8	9-1/4	8-7/8	0.55	-	560	0.324	16
20 x 8	20-7/8	9-1/4	8-7/8	0.55	9.58	655	0.379	16
20 x 10	21	11-1/2	10-3/8	0.70	-	1005	0.581	20

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Weights, Dimensions, and Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. Please contact Maxi-Lift for the most updated information.

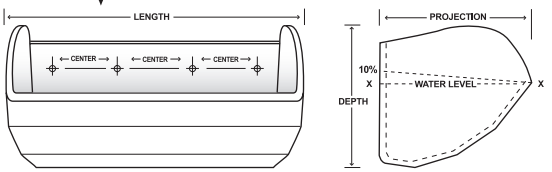
Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-CC® INDUSTRIAL

Polyethylene

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

TIGER-CC
INDUSTRIAL ELEVATOR BUCKETS®



Available Materials:

TIGER-CC® INDUSTRIAL: Polyethylene

BUCKET SIZE, INCHES*					WEIGHT, LBS.	CAPACITY, CU. IN.		
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thick-ness	HDPE	Water Level X-X Cu. In	Water Level X-X Cu. Ft.	Std Spacing
12 x 8	12-7/8	9-1/4	8-7/8	0.55	4.9	366	0.212	16
14 x 8	14-7/8	9-1/4	8-7/8	0.55	5.4	430	0.249	16
16 x 8	16-7/8	9-1/4	8-7/8	0.55	5.9	510	0.295	16
18 x 8	18-7/8	9-1/4	8-7/8	0.55	6.6	560	0.324	16
20 x 8	20-7/8	9-1/4	8-7/8	0.55	7.2	655	0.379	16
20 x 10	21	11-1/2	10-3/8	0.70	12.2	1005	0.581	20
21 x 10	22	11-1/2	10-3/8	0.70	12.6	1055	0.611	20
22 x 10	23	11-1/2	10-3/8	0.70	13.0	1105	0.639	20
23 x 10	24	11-1/2	10-3/8	0.70	13.5	1155	0.668	20
24 x 10	25	11-1/2	10-3/8	0.70	14.0	1206	0.698	20
25 x 10	26	11-1/2	10-3/8	0.70	14.4	1256	0.727	20
26 x 10	27	11-1/2	10-3/8	0.70	14.8	1306	0.756	20
27 x 10	28	11-1/2	10-3/8	0.70	15.3	1356	0.785	20
28 x 10	29	11-1/2	10-3/8	0.70	15.8	1400	0.810	20

Available upon request - extended lead time required

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Weights, Dimensions, and Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. Please contact Maxi-Lift for the most updated information.

Slow Speed Centrifugal Discharge 125-450 FPM

DI-MAX® AA, AC & AA DIGGER

Ductile Iron Elevator Buckets

THE MAXI-LIFT DI-MAX

DUCTILE IRON AA & AC

DI-MAX DUCTILE IRON BUCKETS®

THERE'S DUCTILE IRON, AND THERE'S MAXI-LIFT DUCTILE IRON:
THE DI-MAX AA, AC & AA DIGGER BUCKETS PERFORM AT THE TOP OF THEIR CLASS

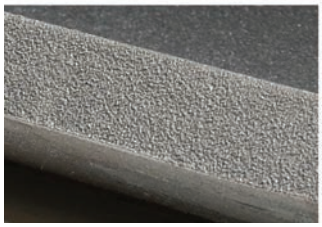
OUTPERFORMS MALLEABLE IRON:
BETTER WEAR, MORE IMPACT RESISTANCE

FEATURES & BENEFITS

- Mill Duty, Thick Walls with Reinforced Back and Corners
- Extremely High Impact and Abrasion Resistance
- Applications up to 600 Degrees
- Designed to Handle Sand, Glass Cullet, Stone, Shot Blast, Rock, Concrete and Other Abrasive Products
- Long Wearing Digging Edge
- Stronger than Steel of the Same Gauge
- Smooth Surface to Ensure Proper Filling
- Strong Impact and Abrasion Resistance for Long Life

Reinforced Corners - DIAA

Heavy Duty Back Wall



Heavy Front Lips

Heavy Front Lip - DIAC

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DI-MAX® AA, AC & AA DIGGER

Ductile Iron Elevator Buckets

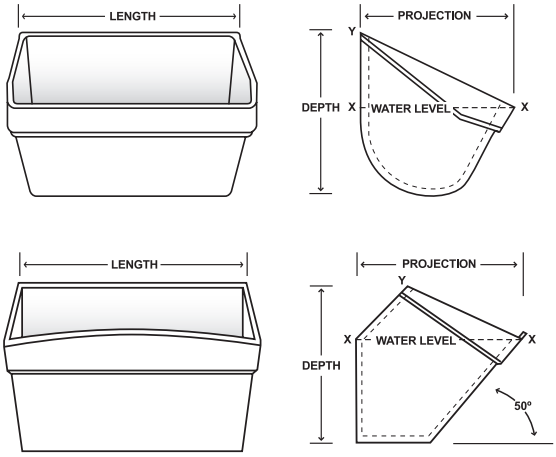
AA STYLE

AC STYLE

DI-MAX® AA & AA DIGGER, DI-MAX® AC

Designed to act as a Digger for MAXI-TUFF® AA Style plastic elevator buckets.

The **DI-MAX AA** style ductile iron elevator buckets is engineered to exceed the performance requirements of any industrial application. These buckets are designed with thicker walls and a reinforced front lip to increase bucket life in tough industrial environments. Ductile iron is far superior to malleable iron in both impact and abrasion resistance. Replacing malleable iron with **DI-MAX** ductile iron elevator buckets will result in longer bucket life and more efficient operation.



DI-MAX® DUCTILE IRON VS. MALLEABLE IRON

DI-MAX DUCTILE IRON

Capacity: 67.0 cubic inches

MALLEABLE IRON

Capacity: 23.1 cubic inches

WEAR AND CAPACITY COMPARISON

Run side by side in a durability test, the **DI-MAX** Ductile Iron Bucket demonstrates superior abrasion resistance, while the malleable bucket shows severe signs of wear. With a maximum volume of 67.0 cubic inches (compared to only 23.1 cubic inches for the malleable iron bucket) the **DI-MAX** delivers 65.5% more carrying capacity after an equal period of wear.

* Buckets run side by side on belt moving 1" minus aggregate 24 hours a day for a three month period of time.

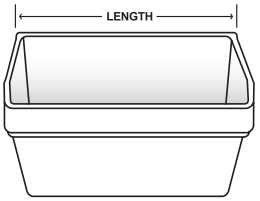
DI-MAX Ductile Iron Bucket

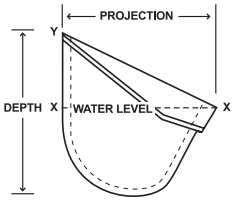
Competitors Malleable Iron Bucket

DI-MAX® AA, & AA DIGGER

Ductile Iron Elevator Buckets

DI-MAX DUCTILE IRON BUCKETS®





MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

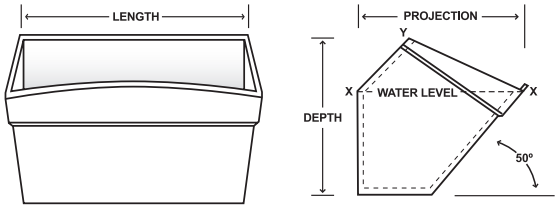
DI-MAX® AA, DI-MAX® AA DIGGER

BUCKET SIZE, INCHES				THICKNESS			CAPACITY		WEIGHT, LBS.
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Front Corner Thickness	Front Lip Thickness	Water Cu. Inches X-X	100% Gross Cu. Inches X-Y	
4 x 3	4-1/2	3-3/8	3-1/2	.185	.275	.250	17.10	24.20	1.7
6 x 4	6-1/2	4-3/8	4-1/2	.250	.350	.275	42.30	63.50	3.8
7 x 4-1/2	7-1/2	4-3/8	4-1/2	.250	.350	.275	49.50	76.20	4.0
7 x 5	7-7/8	5-1/8	5-1/2	.250	.250	.210	68.60	102.90	6.1
8 x 5	8-1/2	5-3/8	5-1/2	.250	.400	.375	83.10	126.30	6.5
9 x 5	9-1/2	5-3/8	5-1/2	.250	.400	.375	90.70	138.80	7.5
11 x 5	11-7/8	5-1/4	5-1/2	.210	.250	.210	102.60	153.90	7.0
15 x 5	15-7/8	5	5-1/2	.210	.400	.350	154.20	235.90	10.7
19 x 5	19-7/8	5-1/4	5-1/2	.250	.400	.350	198.20	303.20	14.1
9 x 6	9-5/8	6-3/8	6-1/2	.300	.400	.375	124.70	190.80	10.2
10 x 6	10-5/8	6-3/8	6-1/2	.300	.400	.375	143.40	219.70	11.2
11 x 6	11-5/8	6-3/8	6-1/2	.300	.400	.375	159.80	244.50	12.2
12 x 6	12-5/8	6-3/8	6-1/2	.300	.400	.375	175.40	268.30	13.1
12 x 7	12-5/8	7-3/8	7-1/2	.330	.625	.450	219.70	350.90	18.5
14 x 7	14-5/8	7-3/8	7-1/2	.330	.625	.450	265.20	407.00	20.4
16 x 7	16-5/8	7-3/8	7-1/2	.330	.625	.450	301.20	460.90	22.9
14 x 8	14-5/8	8-3/8	8-1/2	.375	.625	.500	366.00	526.00	24.6
16 x 8	16-5/8	8-3/8	8-1/2	.375	.625	.500	381.40	599.20	26.8
18 x 8	18-5/8	8-3/8	8-1/2	.375	.625	.525	450.30	695.00	30.0
20 x 8	20-5/8	8-3/8	8-1/2	.375	.625	.525	499.30	763.90	34.3
24 x 8	24-5/8	8-3/8	8-1/2	.375	.625	.525	597.40	914.00	42.9
18 x 10	18-3/4	10-3/8	10-1/2	.440	.800	.750	661.50	1012.90	44.6

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

DI-MAX® AC

Ductile Iron Elevator Buckets



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

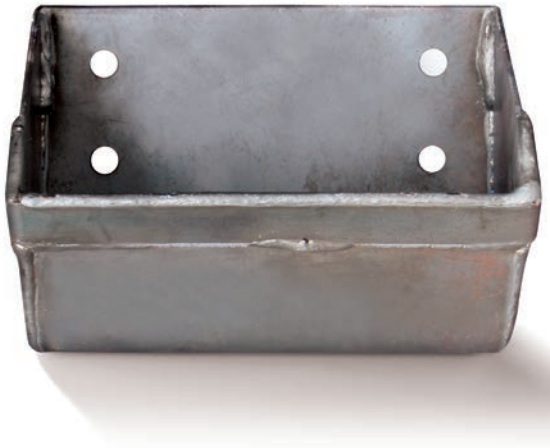
DI-MAX® AC

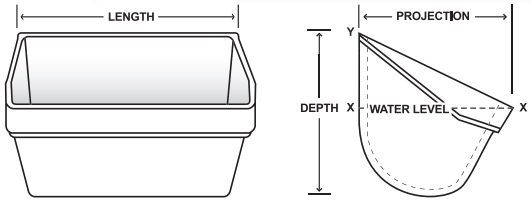
BUCKET SIZE, INCHES				THICKNESS			CAPACITY		WEIGHT, LBS.
BUCKET SIZE	Length	Proj.	Depth	Back Wall Thickness	Front Corner Thickness	Front Lip Thickness	Water Cu. Inches X-X	100% Gross Cu. Inches X-Y	
12 x 8	12-1/2	9-1/4	9	.425	.575	.550	368.90	472.40	28
16 x 8	16-1/2	9-1/4	9	.425	.600	.550	508.10	651.40	38
18 x 10	18-3/4	11-1/2	11	.550	.675	.700	874.50	1139.20	70
24 x 10	24-3/4	11-3/4	11	.410	.725	.600	1231.60	1570.90	72

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

AA DIGGER

Industrial Welded Metal Elevator Buckets





MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

WELDED STEEL

AA DIGGER WELDED STEEL

AA Digger Buckets are manufactured to fit with **MAXI-TUFF AA** plastic elevator buckets but are 1/4" to 1/2" longer in length and projection. The **AA Digger Bucket** clears a path through the boot section of the elevator in order to remove excess material and reduce wear. Digger buckets are mounted every fifth to every tenth space between the **MAXI-TUFF AA** plastic buckets. **AA Digger Buckets** will extend the life of the **MAXI-TUFF AA** buckets in materials that pack or cake tightly in the boot section.

FEATURES & BENEFITS

- Thick Reinforced Lip
- Buckets Continuously Welded
- Works with MAXI-TUFF AA or Welded Steel Buckets
- Long Wearing Digging Edge
- Smooth Surface to Ensure Proper Filling
- Strong Impact and Abrasion Resistance for Long Life
- Carbon or Stainless Steel
- Options: AR Plate, Hardened Surface or Hard Bead Weld
- Designed To Handle Sand, Glass Cullet, Stone, Shot Blast, Rock, Concrete and Other Abrasive Products

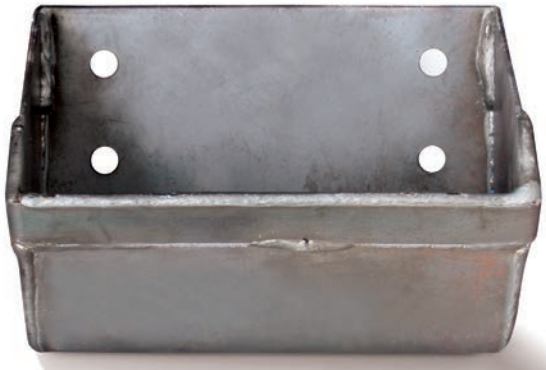
AA DIGGER

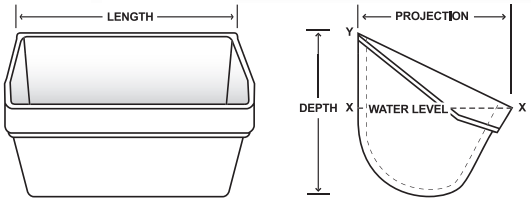
BUCKET SIZE, INCHES				WEIGHT, LBS.				CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	12 Gauge Steel	10 Gauge Steel	7 Gauge Steel	1/4" Steel	Filled to Line X-X	Filled to Line X-Y
4 x 3	4-3/4	3-3/8	3-1/8	1.35	1.80	2.35	-	0.01	0.01
5 x 4	5-3/4	4-3/8	4-1/8	2.25	2.65	3.50	-	0.01	0.02
6 x 4	6-3/4	4-3/8	4-1/8	2.75	3.25	4.20	5.50	0.02	0.05
7 x 4	7-3/4	4-3/8	4-1/8	3.00	3.95	5.50	7.30	0.04	0.05
7 x 5	7-5/8	5-3/8	5-1/4	3.75	4.75	6.50	8.35	0.04	0.06
8 x 5	8-5/8	5-3/8	5-1/4	4.25	5.45	7.15	9.45	0.05	0.08
9 x 5	9-5/8	5-3/8	5-1/4	4.95	6.25	8.05	10.45	0.05	0.08
9 x 6	9-7/8	6-3/8	6-1/8	5.60	7.00	9.30	12.20	0.07	0.12
10 x 6	10-7/8	6-3/8	6-1/8	6.10	7.70	10.10	13.35	0.08	0.13
11 x 6	11-7/8	6-3/8	6-1/8	6.60	8.40	10.90	14.40	0.09	0.14
12 x 6	12-7/8	6-3/8	6-1/8	7.10	9.00	11.80	15.55	0.10	0.15
12 x 7	12-7/8	7-3/8	7-1/8	8.75	11.05	14.55	19.05	0.13	0.21
14 x 7	14-7/8	7-3/8	7-1/8	-	12.35	16.35	21.45	0.15	0.24
14 x 8	14-7/8	8-3/8	8-1/8	-	14.35	19.30	25.45	0.21	0.33
16 x 8	16-7/8	8-3/8	8-1/8	-	16.05	21.30	28.25	0.24	0.38
18 x 8	18-5/8	8-3/8	8-1/8	-	17.55	23.30	30.80	0.27	0.43
18 x 10	19	10-3/8	10-1/8	-	22.05	29.45	39.40	0.35	0.66

* Weights are estimated. ** Made to order. Available in other sizes. ***Style A also available (w/o reinforced lip)

AA WELDED STEEL

Industrial Welded Metal Elevator Buckets





MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

WELDED STEEL

AA WELDED STEEL

AA Welded Steel generally utilize a 3-piece construction; the end caps fit on the outside of the body and are continuously welded to the body. There generally is no taper on the sides of the bucket. The reinforced wear lip is attached to the front of the bucket.

FEATURES & BENEFITS

- Thick Reinforced Lip for Superior Abrasion Resistance
- Resistance to Distortion From Scooping Heavy or Packed Materials
- Typical in Sand, Glass or Gravel
- Long Wearing Digging Edge
- Buckets are Continuously Welded
- Mounted on Chain Or Belt
- Options: Carbon Steel, Aluminum, Stainless Steel, AR Plate, Wear Lips, Hardened Surface and Hard Bead Weld
- Buckets Available in 14ga,12ga, 10ga, 7ga, 1/4", 5/16", 3/8", 1/2" Steel

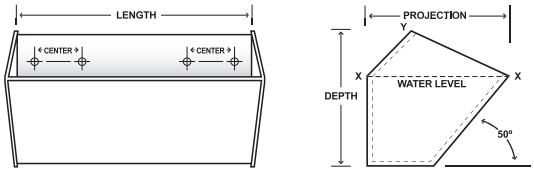
AA WELDED STEEL

BUCKET SIZE, INCHES				WEIGHT, LBS.				CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	12 Gauge Steel	10 Gauge Steel	3/16" Steel	1/4" Steel	Filled to Line X-X	Filled to Line X-Y
4 x 2 3/4	4	2-3/4	3	1.15	1.48	1.95	-	0.006	0.009
5 x 3 1/2	5	3-1/2	3-3/4	1.81	2.33	3.15	-	0.013	0.022
6 x 4	6	4	4-1/4	2.35	3.02	3.96	5.27	0.020	0.032
7 x 4 1/2	7	4- 1/2	5	3.17	4.08	5.35	7.12	0.034	0.051
8 x 5	8	5	5-1/2	4.15	5.33	7.06	9.39	0.047	0.072
10 x 6	10	6	6-1/4	5.73	7.37	9.79	13.02	0.076	0.120
11 x 6	11	6	6-1/4	6.16	7.93	10.46	13.91	0.084	0.133
12 x 6	12	6	6-1/4	6.60	8.49	11.29	15.02	0.091	0.145
12 x 7	12	7	7-1/4	8.11	10.42	13.93	18.53	0.124	0.199
14 x 7	14	7	7-1/4	-	11.72	15.70	20.88	0.145	0.232
14 x 8	14	8	8-1/2	-	13.9	18.64	24.80	0.202	0.316
15 x 7	15	7	7-1/4	-	12.37	16.58	22.05	0.155	0.248
16 x 7	16	7	7-1/4	-	13.03	17.47	23.24	0.165	0.265
16 x 8	16	8	8-1/2	-	15.41	20.67	27.49	0.231	0.362
18x8	18	8	8-1/2	-	16.92	22.70	30.19	0.260	0.407
18x10	18	10	10-1/2	-	21.48	28.88	38.41	0.336	0.632
20 x 8	20	8	8-1/2	-	18.42	24.74	32.90	0.289	0.452
24 x 8	24	8	8-1/2	-	21.43	28.81	38.32	0.347	0.543

* Weights are estimated. ** Made to order. Available in other sizes.

AC WELDED STEEL

Industrial Welded Metal Elevator Buckets



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

WELDED STEEL

AC WELDED STEEL

AC Welded Steel buckets generally utilize a 3-piece construction; the end caps fit on the outside of the body and are continuously welded to the body. There generally is no taper on the sides of the bucket. There is approximately a 50º angle from the horizontal to the front plate.

FEATURES & BENEFITS

- High Front for Greater Capacity
- Buckets are Continuously Welded
- Hooded Back for Closer Spacing
- Typical In Cement, Gypsum or Other Powdery Materials
- Mounted on Chain or Belt
- Venting Available for Clean Filling and Discharge
- Options: Carbon Steel, Aluminum, Stainless Steel, AR Plate, Wear Lips, Hardened Surface and Hard Bead Weld
- Buckets Available In 14ga,12ga, 10ga, 7ga, 1/4", 5/16", 3/8", 1/2" Steel

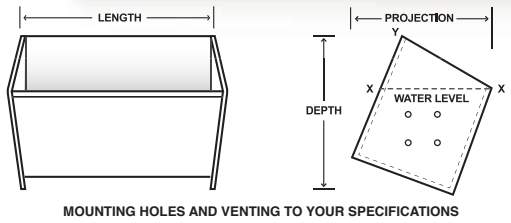
AC WELDED STEEL

BUCKET SIZE, INCHES				WEIGHT, LBS.		CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	3/16" Steel	1/4" Steel	Filled to Line X-X	Filled to Line X-Y
12 x 8	12	8	8-1/2	18.25	24.30	0.231	0.303
14 x 8	14	8	8-1/2	20.30	27.00	0.271	0.356
16 x 8	16	8	8-1/2	22.48	29.98	0.311	0.408
18 x 10	18	10	10-1/2	31.15	38.95	0.488	0.691
20 x 10	20	10	10-1/2	33.68	42.10	0.542	0.768
24 x 10	24	10	10-1/2	39.67	52.69	0.651	0.921
27 x 12	27	12	12-1/2	53.84	71.46	1.072	1.474

* Weights are estimated and do not include bolt reinforcing plates. Bolt reinforcing plates are recommended if less then 8 bolts are used. Vent holes in bottom are optional in style AC buckets.
** Made to order. Available in other sizes.

SC WELDED STEEL

Industrial Welded Metal Elevator Buckets



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

WELDED STEEL

SC WELDED STEEL

SC Welded Steel buckets generally utilize a 3-piece construction; the end caps fit on the outside of the body and are continuously welded to the body. There generally is no taper on the sides of the bucket.

FEATURES & BENEFITS

- Mounted Between Two Strands of Chain
- Suitable for Heaviest Materials
- Designed for Super Capacity Elevators
- Buckets are Continuously Welded
- Design Offers Increased Capacity
- Typical in Aggregate and Cement Applications
- Options: Carbon Steel, Aluminum, Stainless Steel, AR Plate, Wear Lips, Hardened Surface and Hard Bead Weld
- Buckets Available In 14ga,12ga, 10ga, 7ga, 1/4", 5/16", 3/8", 1/2" Steel
- See punching for chain and belt

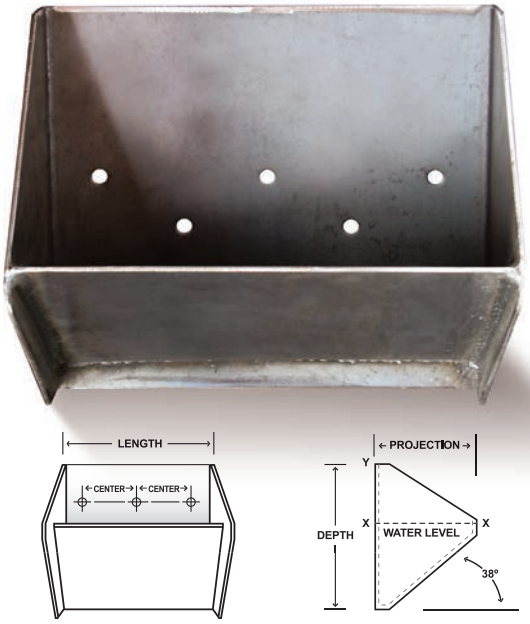
SC WELDED STEEL

BUCKET SIZE, INCHES				WEIGHT, LBS			CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	10 Gauge Steel	3/16" Steel	1/4" Steel	Filled to Line X-X	Filled to Line X-Y
12 x 8 x 11	12	8-3/4	11-5/8	22	29	39	0.35	0.54
14 x 8 x 11	14	8-3/4	11-5/8	23	31	41	0.41	0.63
16 x 8 x 11	16	8-3/4	11-5/8	25	34	45	0.46	0.72
16 x 12 x 17	16	12	17-5/8	43	58	76	1.11	1.55
18 x 8 x 11	18	8-3/4	11-5/8	27	36	48	0.52	0.81
20 x 8 x 11	20	8-3/4	11-5/8	29	39	52	0.58	0.9
20 x 12 x 17	20	12	17-5/8	49	67	88	1.4	1.94
24 x 12 x 17	24	12	17-5/8	55	75	104	1.68	2.33
30 x 12 x 17	30	12	17-5/8	65	88	117	2.11	2.91
36 x 12 x 17	36	12	17-5/8	73	99	132	2.53	3.49

* Weights are estimated. Actual capacity depends on angle of material handled and inclination of elevator. Weight is dependent upon metal gauge used. ** Made to order. Available in other sizes.

MF WELDED STEEL

Industrial Welded Metal Elevator Buckets



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

WELDED STEEL

MF CONTINUOUS (MEDIUM FRONT) WELDED STEEL

MF Welded Steel buckets generally utilize a 2-piece construction; a front plate inserts between a press-formed body and is continuously welded to the body on the outside joint. There is approximately a 38° angle from the horizontal to the front plate.

FEATURES & BENEFITS

- Buckets are Continuously Welded
- Typical In Cement, Gypsum or Other Powdery Materials
- Mounted on Chain or Belt
- Venting Available for Clean Filling and Discharge
- Options: Carbon Steel, Aluminum, Stainless Steel, AR Plate, Wear Lips, Hardened Surface and Hard Bead Weld
- Buckets Available In 14ga,12ga, 10ga, 7ga, 1/4", 5/16", 3/8", 1/2" Steel

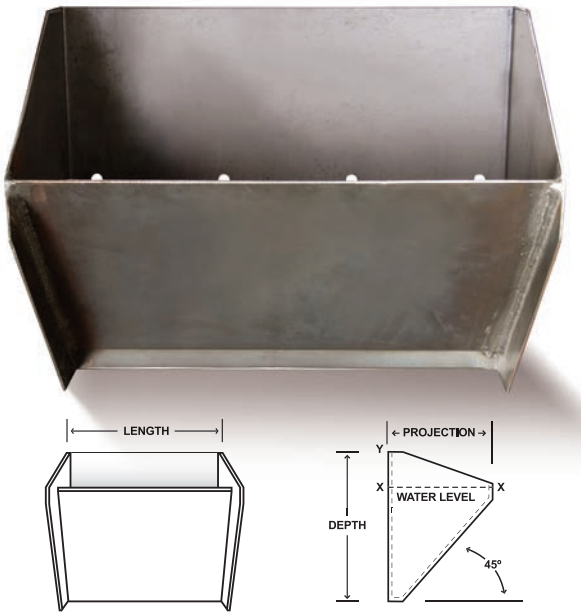
MF WELDED STEEL

BUCKET SIZE, INCHES				WEIGHT, LBS.				CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	12 Gauge Steel	10 Gauge Steel	3/16" Steel	1/4" Steel	Filled to Line X-X	Filled to Line X-Y
8 x 5 x 7	8	5	7-3/4	5.1	6.3	8.7	-	0.040	0.070
9 x 6 x 9	9	6	9-1/4	6.7	8.6	11.9	-	0.068	0.118
10 x 5 x 7	10	5	7-3/4	5.9	7.4	10.2	-	0.050	0.090
10 x 6 x 9	10	6	9-1/4	7.2	9.2	12.7	-	0.075	0.130
10 x 7 x 11	10	7	11-5/8	9.3	11.9	16.5	-	0.103	0.180
10 x 8 x 11	10	8	11-5/8	9.9	12.8	17.8	23.20	0.135	0.235
11 x 6 x 9	11	6	9-1/4	7.7	9.9	13.6	18.13	0.081	0.145
12 x 6 x 9	12	6	9-1/4	8.1	10.5	14.5	19.33	0.091	0.155
12 x 7 x 11	12	7	11-5/8	10.4	13.4	18.6	24.80	0.125	0.218
12 x 8 x 11	12	8	11-5/8	11.2	14.4	20.0	26.10	0.163	0.275
14 x 7 x 11	14	7	11-5/8	11.6	14.9	20.7	27.60	0.145	0.253
14 x 8 x 11	14	8	11-5/8	12.4	16.0	22.2	29.10	0.190	0.325
16 x 8 x 11	16	8	11-5/8	13.7	17.6	24.5	32.00	0.220	0.375
16 x 12 x 17	16	12	17-5/8	-	29.9	40.6	54.80	0.490	0.852
18 x 8 x 11	18	8	11-5/8	-	19.2	26.7	35.00	0.250	0.420
18 x 10 x 15	18	10	15	-	25.9	36.1	47.30	0.379	0.662
20 x 8 x 11	20	8	11-5/8	-	20.8	29.0	38.00	0.270	0.470
20 x 12 x 17	20	12	17-5/8	-	34.8	48.5	63.90	0.620	1.075
24 x 10 x 11	24	10	11-5/8	-	27.4	38.2	50.00	0.512	0.850
24 x 12 x 17	24	12	17-5/8	-	39.8	55.4	73.10	0.745	1.295

* Weights are estimated. ** Made to order. Available in other sizes.

HF WELDED STEEL

Industrial Welded Metal Elevator Buckets



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

WELDED STEEL

HF CONTINUOUS (HIGH FRONT) WELDED STEEL

HF Welded Steel buckets generally utilize a 2-piece construction; a front plate inserts between a press-formed body and is continuously welded to the body on the outside joint. There is approximately a 45° angle from the horizontal to the front plate.

FEATURES & BENEFITS

- High Front for Increased Capacity
- Reduces Damage to Materials
- Buckets are Continuously Welded
- Mounted on Chain or Belt
- See Punching for Chain and Belt
- Options: Carbon Steel, Aluminum, Stainless Steel, AR Plate, Wear Lips, Hardened Surface and Hard Bead Weld
- Buckets Available In 14ga,12ga, 10ga, 7ga, 1/4", 5/16", 3/8", 1/2" Steel

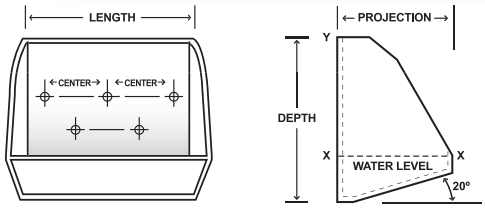
HF WELDED STEEL

BUCKET SIZE, INCHES				WEIGHT, LBS.				CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	12 Gauge Steel	10 Gauge Steel	3/16" Steel	1/4" Steel	Filled to Line X-X	Filled to Line X-Y
8 x 5 x 7	8	5	7 3/4	4.9	6.2	8.5	-	0.052	0.080
10 x 5 x 7	10	5	7 3/4	5.7	7.3	10.0	-	0.065	0.100
10 x 6 x 9	10	6	9 1/4	7.2	9.1	12.6	-	0.098	0.145
10 x 7 x 11	10	7	11 5/8	9.1	11.6	16.0	20.9	0.130	0.190
12 x 6 x 9	12	6	9 1/4	8.3	10.4	14.4	19.2	0.115	0.175
12 x 7 x 11	12	7	11 5/8	10.3	13.2	18.2	23.9	0.155	0.240
12 x 8 x 11	12	8	11 5/8	11.3	14.3	20.0	26.0	0.205	0.295
14 x 7 x 11	14	7	11 5/8	11.5	14.8	20.4	26.7	0.184	0.280
14 x 8 x 11	14	8	11 5/8	12.6	16.0	22.4	28.1	0.240	0.350
16 x 8 x 11	16	8	11 5/8	13.9	17.7	24.7	32.2	0.275	0.395
16 x 12 x 17	16	12	17 5/8	-	30.3	41.9	55.0	0.635	0.900
18 x 10 x 15	18	10	15	-	26.2	36.1	47.7	0.485	0.720
20 x 12 x 17	20	12	17 5/8	-	35.1	49.1	64.6	0.800	1.150
24 x 12 x 17	24	12	17 5/8	-	40.5	56.3	74.3	0.960	1.305

* Weights are estimated. ** Made to order. Available in other sizes.

LF WELDED STEEL

Industrial Welded Metal Elevator Buckets



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

WELDED STEEL

LF CONTINUOUS (LOW FRONT) WELDED STEEL

LF Welded Steel buckets generally utilize a 2-piece construction; a front plate inserts between a press-formed body and is continuously welded to the body on the outside joint. There is approximately a 20° angle from the horizontal to the front plate.

FEATURES & BENEFITS

- Designed for Inclined Elevators
- Mounted on Chain or Belt
- Suitable for Fine or Wet Materials
- Buckets are Continuously Welded
- See Punching for Chain and Belt
- Options: Carbon Steel, Aluminum, Stainless Steel, AR Plate, Wear Lips, Hardened Surface and Hard Bead Weld
- Buckets Available In 14ga,12ga, 10ga, 7ga, 1/4", 5/16", 3/8", 1/2" Steel

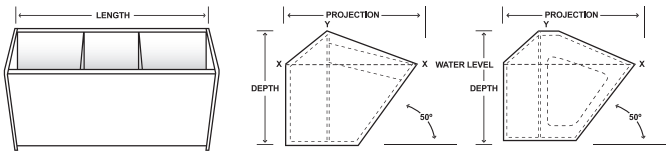
LF WELDED STEEL

BUCKET SIZE, INCHES				WEIGHT, LBS.				CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	12 Gauge Steel	10 Gauge Steel	3/16" Steel	1/4" Steel	Filled to Line X-X	Filled to Line X-Y
10 x 6 x 9	10	6	9-1/4	6.8	8.8	12.1	-	0.035	0.168
10 x 7 x 11	10	7	11-5/8	8.5	10.8	15.1	-	0.050	0.242
12 x 6 x 9	12	6	9-1/4	7.8	10	13.8	-	0.042	0.201
12 x 7 x 11	12	7	11-5/8	9.6	12.3	17.1	22.8	0.060	0.302
12 x 8 x 11	12	8	11-5/8	11.2	14.4	20.1	26.8	0.075	0.347
14 x 7 x 11	14	7	11-5/8	10.7	13.7	19.1	25.5	0.070	0.345
16 x 8 x 11	16	8	11-5/8	13.6	17.4	24.3	32.4	0.101	0.463
16 x 12 x 17	16	12	17-5/8	-	29.3	40.7	53.6	0.229	1.093
18 x 10 x 15	18	10	15	-	25.4	35.0	46.5	0.183	0.494
20 x 8 x 11	20	8	11-5/8	-	20.5	28.5	38.0	0.126	0.573
20 x 12 x 17	20	12	17-5/8	-	33.9	47.1	62.0	0.287	1.365
24 x 12 x 17	24	12	17-5/8	-	38.5	53.5	70.5	0.346	1.643

* Weights are estimated. Actual capacity depends on angle of material handled and inclination of elevator. Weight is dependent upon metal gauge used. ** Made to order. Available in other sizes.

ACS WELDED STEEL

Industrial Welded Metal Elevator Buckets



MOUNTING HOLES AND VENTING TO YOUR SPECIFICATIONS

WELDED STEEL

ACS WELDED STEEL

ACS Welded Steel buckets generally utilize a 7-piece construction consisting of end plates, a body, interior braces and bearing plate; the end caps fit on the inside edge of the body and are continuously welded to the body. There is no taper on the sides of the bucket. Bearing plates are tack welded to inside of the body. There is approximately a 50 degree angle from horizontal to the front plate

FEATURES & BENEFITS

- High Front, Saddlebag or Wrap-around Feature Increases Capacity
- Center Braces and Bearing Plates Standard
- Buckets are Continuously Welded
- Suitable for Handling Abrasive Materials Such as Cement, Aggregate, etc.
- Hooded Back Permits Closer Bucket Spacing
- Options: Carbon Steel, Aluminum, Stainless Steel, AR Plate, Wear Lips, Hardened Surface and Hard Bead Weld
- Buckets Available In 14ga,12ga, 10ga, 7ga, 1/4", 5/16", 3/8", 1/2" Steel
- See Punching (pg 101) for Chain and Belt

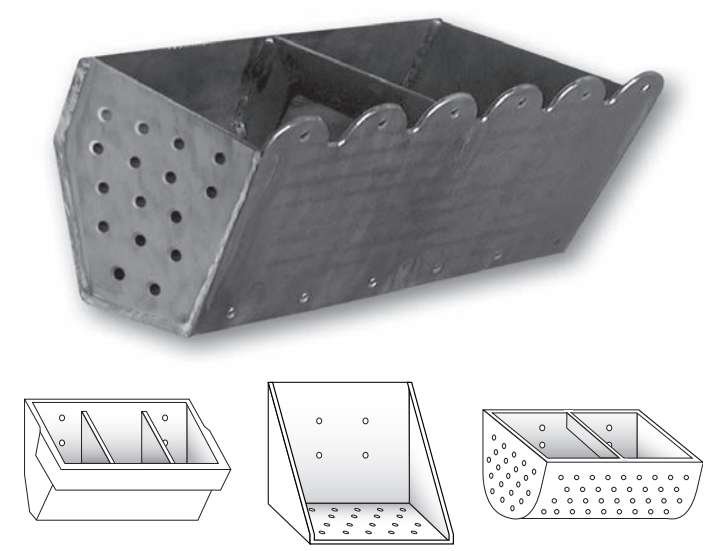
ACS WELDED STEEL

BUCKET SIZE, INCHES				WEIGHT, LBS			CAPACITY, CU. FT.*	
BUCKET SIZE	Length	Proj.	Depth	Steel w/ Lip	Steel w/o Lip	Aluminum	Filled to Line X-X	Filled to Line X-Y
14 x 12 x 11	14	12	11 3/8	36	32	15.3	0.37	0.53
16 x 12 x 11	16	12	11 3/8	39	35	17.2	0.44	0.62
18 x 12 x 11	18	12	11 3/8	42	37	19.0	0.51	0.71
21 x 14 x 13	21	14	13 3/8	56	51	25.3	0.78	1.08
24 x 14 x 13	24	14	13 3/8	62	56	27.3	0.93	1.28
27 x 15 x 13	27	15	13 3/8	72	65	32.3	1.29	1.62
30 x 15 x 13	30	15	13 3/8	84	77	37.3	1.47	2.84

* Weights are estimated. ** Made to order. Available in other sizes.

CUSTOM BUCKETS

Fabricated Steel Bucket Policy



CUSTOM ELEVATOR BUCKETS BUILT TO YOUR SPECIFICATIONS.

Call Us For A Custom Quote.

Providing customized solutions to solve your problems is important to Maxi-Lift. With our large custom metal fabrication shop, we can build products in almost any size, style, or design. Our engineers can work from your drawings, create CAD drawings for approval or copy a sample bucket. We can recommend a combination of materials to help solve wear and performance problems in difficult applications.

FABRICATED STEEL BUCKET POLICY

General Standards

- Elevator buckets are generally constructed of 14 Gauge, 12 Gauge, 10 Gauge, 7 Gauge, 1/4" or 3/8" materials. Bucket thicknesses may vary slightly in accordance with normal raw materials variances.
- Bucket tolerances for the length, projection and depth are + or – 1/8", and all dimensions on fabricated steel buckets are measured from the outside of the bucket, including wear lips or customizing options.
- Bolt holes are generally created using a plasma burner. There may be a small rounding perimeter of the hole where the plasma burner begins to cut. The holes will be approximately 1/16" larger than the bolt to be installed.
- Buckets are generally MIG (Metal Inert Gas) welded which is standard in the industry.
- Buckets are generally MIG welded continuously on the outside with approximately 1" of weld on the inside top corners of the elevator bucket. Small amounts of weld splatter are possible.
- Wear lips are generally MIG welded continuously on the top and sides and stitch welded on the bottom.
- Metal buckets may have some rust/oxidation due to uncontrollable factors such as condensation.

Customizing Options Available by Special Request

- Wear lips; Hard bead surface weld; Center braces; Vent holes
- Backing plates (outside of the bucket) or Bearing plates (inside of the bucket)
- Continuous welding on the inside of the bucket

Special Notes / Disclaimer

It is critical that all dimensions, angles, and bolt holes be field checked prior to equipment start up to avoid any conflict with existing structures and machinery and to insure proper functioning in the elevator. Please report any errors or discrepancies immediately by calling us toll-free at 800-527-0657 or 972-735-8855. All buckets are custom fabricated and are non-returnable.