

Dura-Buket® SS Super Strength Elevator Bucket

High Speed Centrifugal Discharge 220 - 900 FPM



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. Standard spacing is nominal projection + 1". 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.




Dura-Buket Company®

Features

- Lightweight
- Shape memory
- Cleaner discharge
- Tapered end cap design
- Non-corrosive, non-sparking

Benefits

- Increases elevator capacity
- Lowers elevator maintenance
- Extends bucket life
- Decreases elevator down-time
- Reduces energy usage
- Lowers freight rates by efficient packaging
- Resists hang-ups

| MATERIALS | HD POLYETHYLENE | NYLON | URETHANE | SPECIAL RESINS |
|------------------------------|--|---|---|---|
| COLOR |  BLACK AND WHITE |  TAN (On Request) |  RED (On Request) | As Available |
| APPLICATION | Grain & Food Products | Hot, high impact, abrasive dense products | Heavy abrasion, sticky materials | As Required |
| 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) | As Required |
| FDA APPROVED MATERIAL | Yes | Available upon request | Yes | As Required |
| 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. | For specific requirements, such as extreme temperature, abrasion, special color or product discharge. |

* Dura-Buket SS Elevator Buckets in nylon and urethane are special run parts and require minimum quantities.

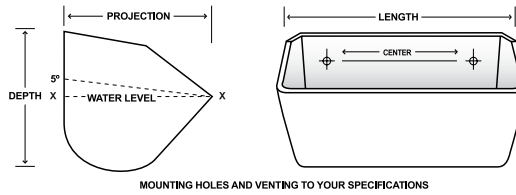
Recommended Agricultural Applications for the Dura-Buket SS

| | | | | | | |
|--|-------------|-----------------|-----------------|-----------|-----------|-------------------|
| Recommended but not restricted to handling these specific products | • Barley | • Cotton Seed | • Grains | • Nuts | • Rice | • Sunflower Seeds |
| | • Beans | • Feed | • Grass Seed | • Oats | • Salt | |
| | • Bone Meal | • Fertilizer | • Malted Barley | • Pellets | • Sawdust | • Wheat |
| | • Coffee | • Flour | • Meat Scrap | • Perlite | • Seed | |
| | • Corn | • Food Products | • Minerals | • Potash | • Sugar | |

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Dura-Buket® SS Super Strength Elevator Bucket In Stock For Immediate Delivery!



Dura-Buket® Super Strength Buckets

| BUCKET SIZE, INCHES** | | | | PUNCHING, INCHES | | | | WEIGHT, LBS | CAPACITY, CU. INCHES | | | |
|-----------------------|--------|-------|-------|------------------|---------------------|-----------------|-----------|---------------|----------------------|------------------------|-----------------|------------|
| Bucket Size | Length | Proj. | Depth | Centers | Top Back To Centers | Number of Holes | Bolt Size | Poly H.D.P.E. | Water level X-X | Useable 5" over X - 5" | Minimum Spacing | Carton Qty |
| 4 x 3 | 4-1/4 | 3-1/8 | 3 | 2-1/4 | 1 | 2 | 1/4 | 0.17 | 10.4 | 11.0 | 4 | 24 |
| 5 x 4 | 5-1/4 | 4-1/8 | 3-3/4 | 3-3/16 | 1 | 2 | 1/4 | 0.31 | 24.4 | 29.9 | 5 | 24 |
| 6 x 4 | 6-1/4 | 4-1/8 | 3-3/4 | 4-3/8 | 1 | 2 | 1/4 | 0.35 | 30.8 | 33.1 | 5 | 24 |
| 7 x 4 | 7-1/4 | 4-1/8 | 3-3/4 | 2-11/16 | 1 | 3 | 1/4 | 0.40 | 33.6 | 36.7 | 5 | 24 |
| 6 x 5 | 6-3/8 | 5-1/4 | 4-7/8 | 4-3/8 | 1-1/4 | 2 | 1/4 | 0.59 | 47.1 | 52.0 | 6 | 24 |
| 7 x 5 | 7-3/8 | 5-1/4 | 4-7/8 | 2-5/8 | 1-1/4 | 3 | 1/4 | 0.61 | 61.6 | 62.4 | 6 | 24 |
| 8 x 5 | 8-3/8 | 5-1/4 | 4-7/8 | 3-1/16 | 1-1/4 | 3 | 1/4 | 0.73 | 67.7 | 69.8 | 6 | 24 |
| 9 x 5 | 9-3/8 | 5-1/4 | 4-7/8 | 3-1/4 | 1-1/4 | 3 | 1/4 | 0.80 | 69.6 | 77.1 | 6 | 24 |
| 8 x 6 | 8-3/8 | 6-3/8 | 6-1/4 | 3-1/16 | 1-1/4 | 3 | 1/4 | 1.02 | 104.4 | 107.7 | 7 | 24 |
| 9 x 6 | 9-3/8 | 6-5/8 | 6-1/4 | 3-1/2 | 1-1/4 | 3 | 1/4 | 1.12 | 124.5 | 132.2 | 7 | 24 |
| 10 x 6 | 10-3/8 | 6-3/8 | 6-1/4 | 4 | 1-3/4 | 3 | 1/4 | 1.14 | 128.2 | 145.8 | 7 | 24 |
| 11 x 6 | 11-3/8 | 6-3/8 | 6-1/4 | 3 | 1-3/4 | 4 | 1/4 | 1.26 | 147.7 | 157.9 | 7 | 24 |
| * 12 x 6 | 12-3/8 | 6-3/4 | 6-1/2 | 3-3/8 | 1-3/4 | 4 | 1/4 | 1.70 | 172.1 | 183.6 | 7 | 12 |
| * 13 x 6 | 13-3/8 | 6-3/4 | 6-1/2 | 3-5/8 | 1-3/4 | 4 | 1/4 | 1.95 | 196.5 | 208.7 | 7 | 12 |
| 10 x 7 | 10-3/8 | 7-3/8 | 7-1/4 | 4 | 1-3/4 | 3 | 5/16 | 1.54 | 175.8 | 187.3 | 8 | 24 |
| 11 x 7 | 11-3/8 | 7-3/8 | 7-1/4 | 3 | 1-3/4 | 4 | 5/16 | 1.65 | 210.5 | 216.7 | 8 | 24 |
| * 12 x 7 | 12-3/8 | 7-3/8 | 7-1/4 | 3-3/8 | 1-3/4 | 4 | 5/16 | 2.02 | 223.2 | 241.1 | 8 | 12 |
| * 13 x 7 | 13-3/8 | 7-3/8 | 7-1/4 | 3-5/8 | 1-3/4 | 4 | 5/16 | 2.17 | 236.8 | 244.8 | 8 | 12 |
| * 14 x 7 | 14-3/8 | 7-3/8 | 7-1/4 | 3 | 1-1/2 | 5 | 5/16 | 2.29 | 269.7 | 290.1 | 8 | 12 |
| * 15 x 7 | 15-3/8 | 7-3/8 | 7-1/4 | 3-1/4 | 1-1/2 | 5 | 5/16 | 2.35 | 284.4 | 295.0 | 8 | 12 |
| * 16 x 7 | 16-3/8 | 7-3/8 | 7-1/4 | 3-1/2 | 1-1/2 | 5 | 5/16 | 2.55 | 289.9 | 304.8 | 8 | 12 |
| * 12 x 8 | 12-3/8 | 8-3/8 | 8-1/4 | 3-3/8 | 1-3/4 | 4 | 5/16 | 2.33 | 272.5 | 299.9 | 9 | 12 |
| * 14 x 8 | 14-3/8 | 8-3/8 | 8-1/4 | 3 | 1-1/2 | 5 | 5/16 | 2.58 | 324.7 | 364.8 | 9 | 12 |
| * 16 x 8 | 16-3/8 | 8-3/8 | 8-1/4 | 3-1/2 | 2 | 5 | 5/16 | 3.33 | 362.5 | 407.6 | 9 | 12 |
| * 18 x 8 | 18-3/8 | 8-3/8 | 8-1/4 | 3-1/8 | 2 | 6 | 5/16 | 3.75 | 404.9 | 440.6 | 9 | 12 |

*Buckets with 12" lengths and up have a center brace. ** Actual dimensions may vary slightly on all elevator buckets, depending on specified raw material. - Indicates SS and LP punch patterns differ.



Style P - Peanut Bucket

| BUCKET SIZE, INCHES** | | | | PUNCHING, INCHES | | | | WEIGHT, LBS | CAPACITY, CU. INCHES | |
|-----------------------|--------|-------|-------|------------------|---------------------|-----------------|-----------|---------------|----------------------|------------|
| Bucket Size | Length | Proj. | Depth | Centers | Top Side To Centers | Number of Holes | Bolt Size | Poly H.D.P.E. | Water level X-X | Carton Qty |
| 6 x 4 | 6-1/4 | 4-1/8 | 3-3/4 | 2 | 1 | 2 (Ends) | 1/4 | 0.35 | 47.47 | 24 |
| 7 x 5 | 7-3/8 | 5-1/4 | 4-7/8 | 2 | 7/8 | 2 (Ends) | 1/4 | 0.61 | 91.53 | 24 |
| 9 x 5 | 9-3/8 | 5-1/4 | 4-7/8 | 2 | 1 | 2 (Ends) | 1/4 | 0.80 | 117.77 | 24 |
| 9 x 6 | 9-3/8 | 6-5/8 | 6-1/4 | 2 | 1 | 2 (Ends) | 1/4 | 1.12 | 192.82 | 24 |
| 11 x 7 | 11-3/8 | 7-3/8 | 7-1/4 | 2 | 1 | 2 (Ends) | 1/4 | 1.65 | 314.25 | 24 |
| 12 x 6 | 12-3/8 | 6-3/4 | 6-1/2 | 2 | 1 | 2 (Ends) | 1/4 | 1.70 | 25.08 | 12 |
| 12 x 8 | 12-3/8 | 8-3/8 | 8-1/4 | 2 | 1 | 2 (Ends) | 1/4 | 2.33 | 408.83 | 12 |
| 14 x 7 | 14-3/8 | 7-3/8 | 7-1/4 | 2 | 1 | 2 (Ends) | 1/4 | 2.29 | 414.94 | 12 |
| 16 x 7 | 16-3/8 | 7-3/8 | 7-1/4 | 2 | 1 | 2 (Ends) | 1/4 | 2.55 | 434.46 | 12 |
| 18 x 6 | 18-3/8 | 6-3/4 | 6-1/2 | 2 | 1 | 2 (Ends) | 1/4 | 3.75 | 408.83 | 12 |
| 24 x 10 | 24 | 9-1/8 | 8 | 2-1/2 | 1 | 2 (Ends) | 3/8 | 6.00 | 1067.85 | 120 Skid |

*Please refer to Page 21 for Other Considerations

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AGRICULTURAL BUCKETS: DURA-BUKET® SS



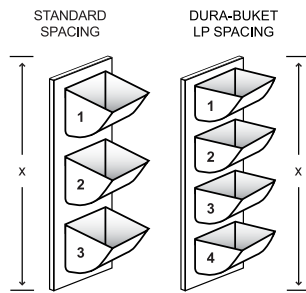
Dura-Buket® LP Low Profile Elevator Bucket

High Speed Centrifugal Discharge 220 - 900 FPM



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.



Features

- Lightweight
- Shape memory
- Cleaner discharge
- Reinforced corners and lip
- Tapered end cap design
- Non-corrosive, non-sparking

Benefits

- Increases elevator capacity
- Lowers elevator maintenance
- Extends bucket life
- Decreases elevator down-time
- Reduces energy usage
- Lowers freight rates by efficient packaging
- Resists hang-ups

| MATERIALS | HD POLYETHYLENE | NYLON | URETHANE | SPECIAL RESINS |
|------------------------------|--|--|---|---|
| COLOR | BLACK AND WHITE | TAN (On Request) | RED (On Request) | As Available |
| APPLICATION | Grain & Food Products | Hot, high impact, abrasive dense products | Heavy abrasion, sticky materials | As Required |
| 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) | As Required |
| FDA APPROVED MATERIAL | Yes | Available upon request | Yes | As Required |
| 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. | For specific requirements, such as extreme temperature, abrasion, special color or product discharge. |

* Dura-Buket SS Elevator Buckets in nylon and urethane are special run parts and require minimum quantities.

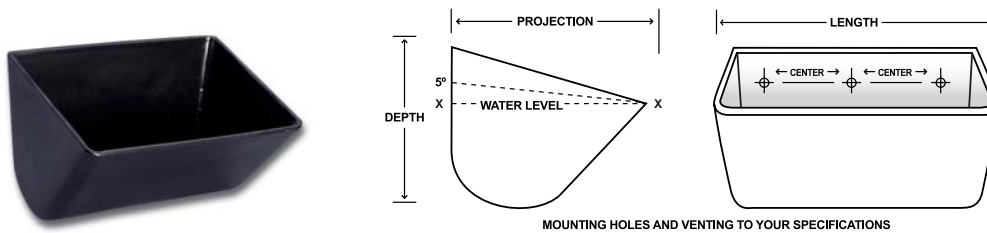
Recommended Agricultural Applications for the Dura-Buket LP

| | | | | | | |
|--|-------------|-----------------|-----------------|-----------|-----------|-------------------|
| Recommended but not restricted to handling these specific products | • Barley | • Cotton Seed | • Grains | • Nuts | • Rice | • Sunflower Seeds |
| | • Beans | • Feed | • Grass Seed | • Oats | • Salt | |
| | • Bone Meal | • Fertilizer | • Malted Barley | • Pellets | • Sawdust | • Wheat |
| | • Coffee | • Flour | • Meat Scrap | • Perlite | • Seed | |
| | • Corn | • Food Products | • Minerals | • Potash | • Sugar | |
| | | | | | | |

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Dura-Buket® LP Low Profile Elevator Bucket



Dura-Buket® Low Profile Buckets

| BUCKET SIZE, INCHES** | | | | PUNCHING, INCHES | | | | WEIGHT, LBS | CAPACITY, CU. INCHES | | | |
|-----------------------|--------|-------|-------|------------------|---------------------|-----------------|-----------|---------------|----------------------|------------------------|-----------------|------------|
| Bucket Size | Length | Proj. | Depth | Centers | Top Back To Centers | Number of Holes | Bolt Size | Poly H.D.P.E. | Water level X-X | Useable 5° over X - 5° | Minimum Spacing | Carton Qty |
| 4 x 3 | 4 | 3-1/8 | 3 | 2-1/4 | 1 | 2 | 1/4 | 0.15 | 10.4 | 11.0 | 3 | 24 |
| 5 x 4 | 5-1/8 | 4-1/8 | 3 | 3-3/16 | 1 | 2 | 1/4 | 0.25 | 24.4 | 29.9 | 3-1/4 | 24 |
| 6 x 4 | 6-1/8 | 4-1/8 | 3 | 4-1/4 | 1 | 2 | 1/4 | 0.29 | 30.8 | 33.1 | 3-1/4 | 24 |
| 7 x 4 | 7-1/8 | 4-1/8 | 3 | 2-5/8 | 1 | 3 | 1/4 | 0.34 | 33.6 | 36.7 | 3-1/4 | 24 |
| 6 x 5 | 6-1/8 | 5-1/4 | 3-3/4 | 4-1/4 | 1 | 2 | 1/4 | 0.47 | 47.1 | 52.0 | 3-3/4 | 24 |
| 7 x 5 | 7-1/8 | 5-1/4 | 3-3/4 | 2-5/8 | 1 | 3 | 1/4 | 0.51 | 61.6 | 62.4 | 3-3/4 | 24 |
| 8 x 5 | 8-1/8 | 5-1/4 | 3-3/4 | 3-1/16 | 1 | 3 | 1/4 | 0.52 | 67.7 | 69.8 | 3-3/4 | 24 |
| 9 x 5 | 9-1/8 | 5-1/4 | 3-3/4 | 3-1/4 | 1 | 3 | 1/4 | 0.64 | 69.6 | 77.1 | 3-3/4 | 24 |
| 8 x 6 | 8-1/8 | 6-3/8 | 4-1/2 | 2-11/16 | 1 | 3 | 5/16 | 0.80 | 104.4 | 107.7 | 4-3/8 | 24 |
| 9 x 6 | 9-1/8 | 6-5/8 | 4-1/2 | 3-1/2 | 1 | 3 | 5/16 | 0.93 | 124.5 | 132.2 | 4-3/8 | 24 |
| 10 x 6 | 10-1/8 | 6-3/8 | 4-1/2 | 4 | 1 | 3 | 5/16 | 0.87 | 128.2 | 145.8 | 4-3/8 | 24 |
| 11 x 6 | 11-1/8 | 6-3/8 | 4-1/2 | 2-7/8 | 1 | 4 | 5/16 | 0.98 | 147.7 | 157.9 | 4-3/8 | 24 |
| * 12 x 6 | 12-1/8 | 6-3/4 | 5 | 3-1/4 | 1 | 4 | 5/16 | 1.43 | 172.1 | 183.6 | 5 | 12 |
| * 13 x 6 | 13-1/8 | 6-3/4 | 5 | 3-5/8 | 1 | 4 | 5/16 | 1.61 | 196.5 | 208.7 | 5 | 12 |
| 10 x 7 | 10-1/8 | 7-3/8 | 5-1/4 | 4 | 1 | 3 | 5/16 | 1.25 | 175.8 | 187.3 | 5 | 24 |
| 11 x 7 | 11-1/8 | 7-3/8 | 5-1/4 | 3 | 1 | 4 | 5/16 | 1.25 | 210.5 | 216.7 | 5 | 24 |
| * 12 x 7 | 12-1/8 | 7-3/8 | 5-1/4 | 3-1/4 | 1 | 4 | 5/16 | 1.64 | 223.2 | 241.1 | 5 | 12 |
| * 13 x 7 | 13-1/8 | 7-3/8 | 5-1/4 | 3-5/8 | 1 | 4 | 5/16 | 1.71 | 236.8 | 244.8 | 5 | 12 |
| * 14 x 7 | 14-3/8 | 7-3/8 | 5-1/4 | 4 | 1 | 4 | 5/16 | 1.83 | 269.7 | 290.1 | 5 | 12 |
| * 15 x 7 | 15-1/8 | 7-3/8 | 5-1/4 | 2-5/8 | 1 | 6 | 5/16 | 1.97 | 284.4 | 295.0 | 5 | 12 |
| * 16 x 7 | 16-1/8 | 7-3/8 | 5-1/4 | 2-5/8 | 1 | 6 | 5/16 | 2.06 | 289.9 | 304.8 | 5 | 12 |
| * 12 x 8 | 12-1/8 | 8-3/8 | 5-3/4 | 3-1/4 | 1-1/4 | 4 | 5/16 | 1.87 | 272.5 | 299.9 | 5-1/2 | 12 |
| * 14 x 8 | 14-1/8 | 8-3/8 | 5-3/4 | 4 | 1-1/4 | 4 | 5/16 | 2.05 | 324.7 | 364.8 | 5-1/2 | 12 |
| * 16 x 8 | 16-1/8 | 8-3/8 | 5-3/4 | 2-5/8 | 1-1/4 | 6 | 5/16 | 2.72 | 362.5 | 407.6 | 5-1/2 | 12 |
| * 18 x 8 | 18-1/4 | 8-3/8 | 5-3/4 | 3-1/8 | 1-1/4 | 6 | 5/16 | 3.00 | 404.9 | 440.6 | 5-1/2 | 12 |

*Can be modified to lesser depth for closer spacing on belt. ** Actual dimensions may vary slightly on all elevator buckets, depending on specified raw material. Buckets with 12" lengths and up have a center brace. - Indicates SS and LP punch patterns differ.

Other Considerations

[Available in Black or White](#)

ENGINEERING: Please see Section 4 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.

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 Dura-Buket LP chart above (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 must 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.

USABLE CAPACITY: Under normal usage, the Dura-Buket LP 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.

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