

## Starco™ Plastic Elevator Buckets

### Super Low Profile Elevator Bucket

#### OVERVIEW

Starco™ plastic (HDPE, Nylon, Urethane) elevator buckets are engineered for higher throughput elevator legs. Their shallow design, tapered sides and low back height ensure maximum bucket fill at high speeds on smaller pulley diameters. The unique front profile guarantees clean discharge over a wider range of operation speeds than conventional or other low profile buckets.

#### MATERIAL

- ▶ Virgin HDPE, Nylon or Urethane

#### TEMPERATURE RANGE

- ▶ HDPE: -120°F to 200°F
- ▶ Nylon: -60°F to 300°F
- ▶ Urethane: -60°F to 210°F

#### FEATURES

- ▶ Super Low Profile
- ▶ Belt Speeds Up To 895 ft./min.
- ▶ Compound Curve Delivers Smooth Discharge
- ▶ Wingless Design Allows For Closer Spacing

#### APPLICATIONS

- ▶ Non-Abrasive Free-Flowing Granular Materials: Grain, Feed, Seed, Food Products and Fertilizer

#### ACCESSORIES

- ▶ Elevator Bolts, Washers & Nuts
- ▶ Belting - Rubber, PVC, Steel Web
- ▶ Belt Fasteners / Splices
- ▶ Pulley Lagging



Get  
4  
Before

Get 4 Free Buckets To Try Before You Buy!

4B knows that buying elevator buckets can be a large investment and important part of your business. Some bucket manufacturers make all sorts of claims about their products. That is why 4B offers customers the opportunity to try our buckets for free. We know that once you see the results for yourself, you will be extremely satisfied.

To Get Your 4 Free Buckets, Call 309-698-5611 and Speak to a 4B Sales Engineer Today!

(Certain Bucket Styles Only, Other Restrictions May Apply)

# Starco™ Plastic Elevator Buckets

BETTER BY DESIGN

## TECHNICAL SPECIFICATIONS

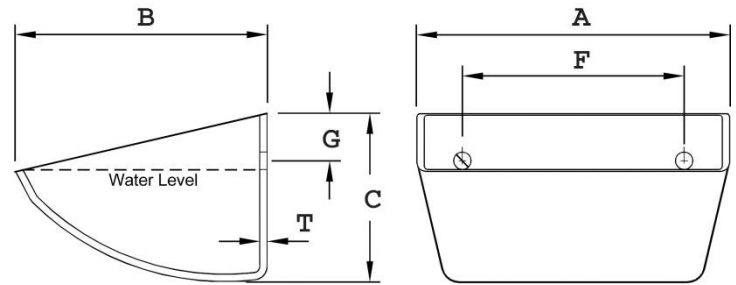
### Starco™ Plastic Elevator Buckets

# FREE

#### Elevator & Conveyor Engineering Design Service

Take advantage of 4B's free, guaranteed worldwide technical support service from a team of material handling engineers specializing in the design and upgrade of bucket elevators and conveyors.

Whether you want a new elevator design, or just want to increase the capacity and performance of your existing elevator, our engineers can help.



Nominal Size (in.)	Part #	Dimension (in.)				Standard Punching (in.)				Capacity (cu. in.)		Minimum Spacing (in.)	Weight (lbs.)
		Length A	Projection B	Back Depth C	Thickness T	# Holes	Bolt Size	Hole Center F	Dist. Down G	Water Level	Gross		
4 x 3-1/2*	SP100	4-5/16	3-5/8	2-7/16	5/32	2	5/16	2	11/16	13	17	2-3/4	0.13
5 x 4-1/2*	SP130	5-1/2	4-3/4	3-3/16	3/16	2	5/16	2-3/4	7/8	28	38	3-9/16	0.28
6 X 4	SP150	6-1/4	4-7/16	3-1/16	13/64	2	5/16	3-1/2	15/16	30	44	3-5/16	0.38
7 x 5-1/2	SP180	7-1/2	5-3/4	3-11/16	1/4	2	5/16	3-15/16	1-3/16	51	74	3-3/4	0.63
9 x 5	SP225	9-1/4	5-1/2	3-11/16	1/4	2	5/16	4-3/4	1-3/16	71	102	3-3/4	0.75
9 x 6-1/2	SP230	9-7/16	6-13/16	4-7/16	1/4	2	5/16 or 3/8	4-3/4	1-1/2	100	136	4-3/8	0.95
11 x 6-1/2	SP280	11-7/16	6-13/16	4-7/16	1/4	3	5/16 or 3/8	3-3/16	1-1/2	123	176	4-3/8	1.10
12 x 7	SP300	12-3/8	7-1/8	4-7/8	1/4	3	5/16	4	1-3/8	165	235	4-13/16	1.28
13 x 8-1/2	SP330	13-3/8	8-3/4	4-7/8	9/32	3	3/8	4-3/4	1-1/2	239	336	5-1/2	1.68
14 x 7	SP350	14-7/16	7-1/8	4-7/8	9/32	4	5/16	3-9/16	1-3/8	201	275	4-13/16	1.75
15 x 8-1/2	SP370	15	8-9/16	5-9/16	9/32	4	3/8	3-9/16	1-1/2	269	380	5-1/2	2.45

\* Recessed Bolt Holes

- Custom Drilled Holes Available

### Formula for Quick Capacity Estimate

$$* \text{ Cu Ft/Hr} = \frac{** \text{ bucket capacity (in}^3\text{)}}{1728} \times \frac{12}{\text{bucket spacing (in)}} \times \text{Belt Speed (ft/min)} \times 60$$

\*\* Elevator production calculated with the bucket usable capacity figure. However, actual capacity depends on the material being elevated and on the elevator belt speed/pulley diameter and head/intake design.