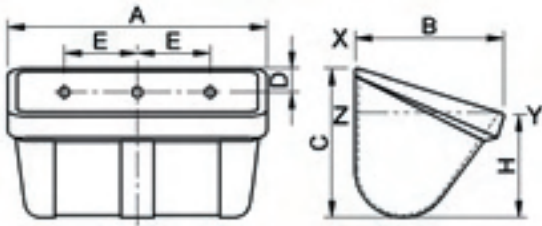


AA Type HDPE/NYLON/PU



FEATURES

- Optimum industrial style bucket with a heavy reinforced lip and corners and a thickened back wall for mounting strength.
- Suitable for conveying of ore, sand, gravel, coal, fertilizer, clay, salt, limestone and cements or any product.
- Weight reduction up to 80% compared to traditional cast iron buckets.
- Less energy required due to lighter material being used.
- Up to 25% more capacity than cast iron buckets.
- Extended bucket and belt life, less maintenance, less elevator downtime.
- Cleaner discharge, minimal material build-up at the bottom of buckets.
- Non corrosive, non sparking, heat resistant, impact and abrasion resistant.



Usage Recommendations

- Recommended minimum bucket spacing: bucket projection "B" × 2.
- Mounting holes can be customised on request.
- Venting holes are available in 5 patterns on request.

TECHNICAL SPECIFICATIONS

Model	Bucket Dimension * (mm)				Capacity (L)		Standard Spacing (mm)	Weight Per Item (Kg)	Quantity per Carton
	Length A	Proj. B	Depth C	H	X-Y	Z-Y			
AA4X3	103	87	78	51	0.27	0.226	152	0.09	24
AA5X4	134	105	105	74	0.74	0.556	200	0.23	24
AA6X4	160	105	105	74	0.89	0.68	200	0.27	24
AA7X4	184	105	105	74	1.07	0.85	200	0.3	24
AA7X5	180	130	134	93	1.55	1.25	254	0.44	24
AA8X5	206	130	134	93	1.83	1.47	254	0.5	28
AA9X5	232	130	134	93	2.00	1.67	254	0.54	28
AA9X6	238	156	156	108	2.80	2.18	300	0.67	42
AA10X6	264	156	156	108	3.14	2.44	300	0.73	35
AA11X6	290	156	156	108	3.43	2.69	300	0.77	35
AA12X6	320	165	160	108	4.10	3.05	300	0.95	24
AA12X7	314	180	180	125	5.25	3.99	355	1.13	12
AA14X7	365	180	180	125	6.30	4.90	355	1.25	12
AA14X8	365	206	206	142	7.64	5.82	410	1.94	12
AA16X8	416	206	206	142	8.85	6.65	410	2.1	10
AA18X8	460	206	206	142	10.15	7.67	410	2.38	10
AA18X10	460	258	258	168	14.8	11.36	510	3.6	7

* Actual dimensions of the buckets will vary slightly depending on specified raw material. The dimensions shown above are for HDPE buckets. Size A, B and C for Nylon and Urethane buckets will be about dimensionally 2% larger than HDPE buckets.

Elevator Buckets

Over 12 different bucket styles available for agricultural and industrial applications.

A direct replacement for many other international brands.

Unique bucket design with multiple patents.

Our buckets are well regarded worldwide for their high quality to price ratio.



BUCKET MATERIAL OPTIONS

Material	Mild Steel	Stainless	HDPE	Nylon 6	Reinforced Nylon	PU
Cost	■■■	■■■■	■	■■■	■■■■	■■■■
Wear Resistance	■■■	■■■■	■	■■■	■■■■	■■■■
Impact Resistance	■■■	■■■	■	■■■	■■■■	■■■
FDA Food Approved	X	√	√	√	√	X
Max Temp °C Continuous	180+	250+	70	100	110	60
Max Temp °C Peak	220	400	80	120	130	70

HDPE: Tough and flexible, suitable for handling grains, foodstuffs, and other products with no sharp edges and material that has a bulk density of less than 1g/cm³.

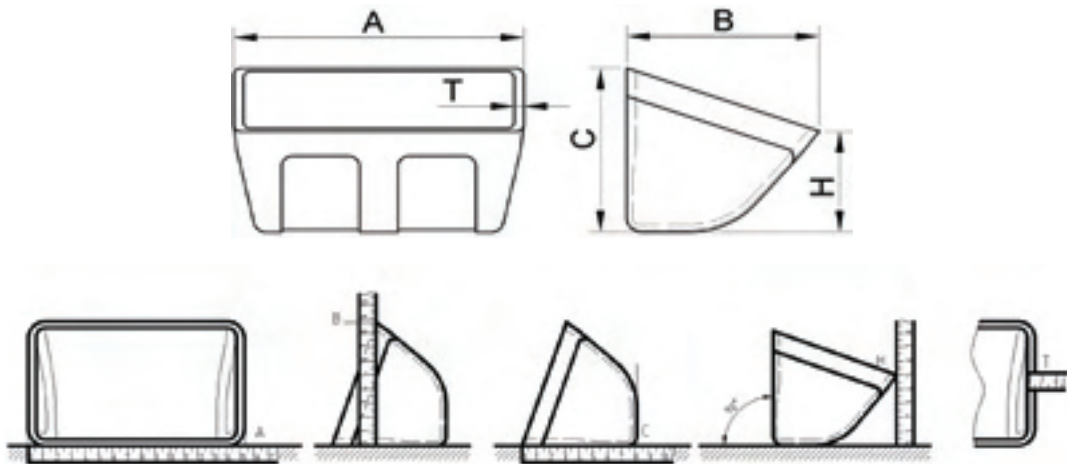
Nylon: High impact and abrasion resistance, better heat resistance and are well suited for handling hot, abrasive and sticky products.

PU: Extremely abrasion resistance, tough and flexible, and are suitable for handling sharp, cutting and sticky products.

Mild Steel: General purpose, long life, well suited to agricultural and industrial products.

Stainless Steel: Food grade, corrosive resistance, suitable for food and high temperature applications.

MEASURE AN ELEVATOR BUCKET



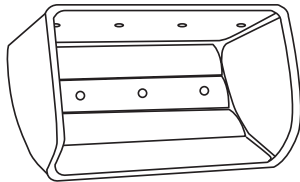
ELEVATOR BUCKET VENTING

Bucket with venting holes can improve the efficiency of some bucket elevators when handling certain products. On dense materials such as flour, meals, and mash feeds, the vents allow air to escape through the cup as it fills, which permits the cup to fill more completely. During discharge, air can return through the cups as it empties, thus preventing a vacuum that could hold some of the products in the cup and cause backlegging.

On extremely light materials such as alfalfa meal, screenings and bran, a vented bucket not only minimizes blowing of the product during loading and discharge, but also reduces air turbulence in the leg as the bucket travels empty down the return side of the elevator. A reduction in air currents minimizes the vacuum which can draw a light product through the down leg and back to the boot.

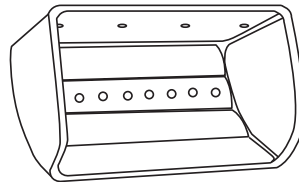
Four standard patterns air available. Customised patterns are available upon request.

Venting Options



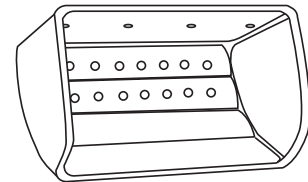
Vent Pattern 1

One row of 6mm or 8mm holes in body with same hole center and number of holes as mounting holes in back.



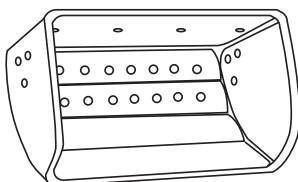
Vent Pattern 2

One row of 6mm or 8mm holes in body on 25mm centers.



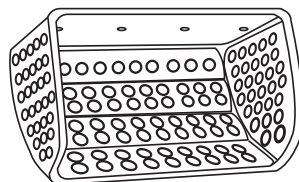
Vent Pattern 3

Two rows of 6mm or 8mm holes in body on 25mm centers.



Vent Pattern 4

Two rows of 6mm or 8mm holes in body on 25mm centers, three holes of 6mm or 8mm on each side.



Custom Vent

Vented as required.

