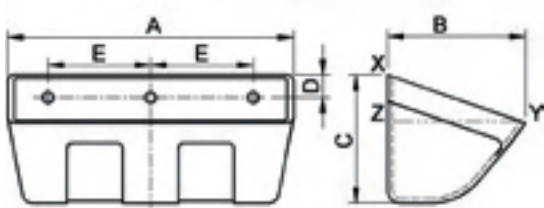


D Type HDPE/NYLON/PU



FEATURES

- Deep bottom bucket for agricultural use.
- Optimised bucket design:
 - Thicker leading edges for increased abrasion resistance
 - Reinforced ribs for greater structural integrity
 - Optimum discharge angle
 - High water level for greater capacity
- Ideal for handling grains, feeds, fertilizers, seeds, salt and chemicals, etc.



Usage Recommendations

- Minimum bucket spacing: bucket depth "C" +10mm.
- For engineering purpose, we recommend using "(Z-Y)+10%" for usable capacity.
- Mounting holes can be customised on request.
- Venting holes are available in 5 patterns on request

TECHNICAL SPECIFICATIONS

Model	Bucket Dimension* (mm)			Mounting Holes (mm)				Capacity (L)			Carton Packaging	
	Length A	Proj. B	Depth C	Center to Center E	Number of Holes	Hole Diameter	Distance Down D	X-Y	(Z-Y)+10%	Z-Y	Dimension L X W X H (mm)	Quantity per Carton
D4X3	107	81	75	50	2	7	22	0.32	0.28	0.25	650x430x450	320
D5X4	133	113	106	60	2	7	32	0.85	0.65	0.59	650x450x500	216
D6X4	159	108	103	90	2	7	32	0.87	0.72	0.65	650x430x450	168
D7X4	184	108	103	120	2	9	32	1.04	0.83	0.75	650x430x450	104
D6X5	168	140	130	90	2	9	40	1.48	1.21	1.10	650x450x500	108
D7X5	192	140	130	120	2	9	40	1.73	1.32	1.20	650x450x500	84
D8X5	211	140	130	120	2	9	40	1.92	1.55	1.41	650x440x500	84
D9X5	237	140	130	85	3	9	40	2.41	1.93	1.75	650x450x500	60
D10X5	266	140	130	90	3	9	40	2.60	2.10	1.91	650x450x500	50
D11X5	289	140	130	100	3	9	45	2.75	2.21	2.01	650x430x450	42
D8X6	211	168	154	120	2	9	45	2.83	2.28	2.08	650x430x450	56
D9X6	237	168	154	85	3	9	45	3.23	2.57	2.34	650x430x450	48
D10X6	266	168	154	90	3	9	45	3.62	2.84	2.58	650x430x450	40
D11X6	287	168	154	100	3	9	45	4.01	3.11	2.83	650x450x500	40
D12X6	313	168	154	85	4	9	45	4.44	3.48	3.16	650x450x500	35
D13X6	338	168	154	85	4	9	45	4.74	3.78	3.44	650x450x350	28
D14X6	368	168	154	95	4	9	50	5.08	4.15	3.77	650x450x500	25
D9X6-1/2	230	180	180	85	3	9	45	3.67	2.78	2.53	650x450x500	25
D11X6-1/2	280	180	180	100	3	9	45	4.62	3.52	3.20	650x450x500	25

Model	Bucket Dimension* (mm)			Mounting Holes (mm)				Capacity (L)			Carton Packaging	
	Length A	Proj. B	Depth C	Center to Center E	Number of Holes	Hole Diameter	Distance Down D	X-Y	(Z-Y)+10%	Z-Y	Dimension L X W X H (mm)	Quantity per Carton
D10X7	269	197	180	90	3	9	50	4.83	4.07	3.70	650x450x500	20
D11X7	287	197	180	100	3	9	45	5.39	4.35	3.95	650x450x500	25
D12X7	326	197	180	85	4	9	45	5.81	4.79	4.35	650x430x450	20
D13X7	343	197	180	90	4	9	45	6.52	5.58	5.07	650x450x350	20
D14X7	373	197	180	95	4	9	50	6.90	5.74	5.22	650x430x450	20
D15X7	392	197	180	100	4	9	50	7.61	6.68	6.07	650x430x450	16
D16X7	427	197	180	85	5	9	48	7.94	6.95	6.32	650x430x450	16
D11X8	280	220	216	65	4	9	55	6.52	5.40	4.91	650x450x500	25
D12X8	331	222	206	85	4	9	55	7.45	6.35	5.77	650x430x450	14
D12-1/2X8	330	220	216	85	4	9	55	7.88	6.55	5.95	650x450x350	26
D14X8	378	222	206	95	4	9	55	8.76	7.56	6.87	650x430x450	14
D14x8/B	368	224	172	76.2	5	9	28	7.2		6.9	650x430x350	14
D14-1/2X8	380	220	216	75	5	9	55	9.24	7.69	6.99	650x430x450	18
D15X8	392	222	206	80	5	9	55	9.47	8.73	7.94	650x430x450	14
D16X8	434	222	206	85	5	9	55	10.38	8.91	8.10	650x450x500	18
D18X8	473	222	206	95	5	9	55	11.50	9.98	9.07	650x450x500	10
D18X8/B	465	224	172	79.4	6	9	28	9.4		9.0	650x450x450	10
D20X8	520	225	210	90	6	9	55	13.11	11.66	10.60	650x450x500	10
D16X9	430	260	260	68	6	11	65	14.57	12.10	11.00	650x450x500	10
D1109	113	90	83	60	2	7	25	0.42	0.30	0.27	650x430x450	400
D1411	145	110	96	60	2	7	35	0.75	0.71	0.65	650x450x350	180
D1311	134	115	94	60	2	7	35	0.75	0.56	0.51	650x440x500	240
D1814	188	140	130	120	2	9	40	1.70	1.49	1.35	650x450x500	105
D2314	235	140	130	85	3	9	40	2.27	1.60	1.45	650x440x500	72
D2814	280	140	139	100	3	9	40	2.70	1.87	1.70	650x430x450	50
D2816	282	168	154	90	3	9	45	3.70	3.01	2.74	650x440x500	56

* Actual dimensions 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.



Buckets “Nest” together for reduced storage space & freight cost

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.

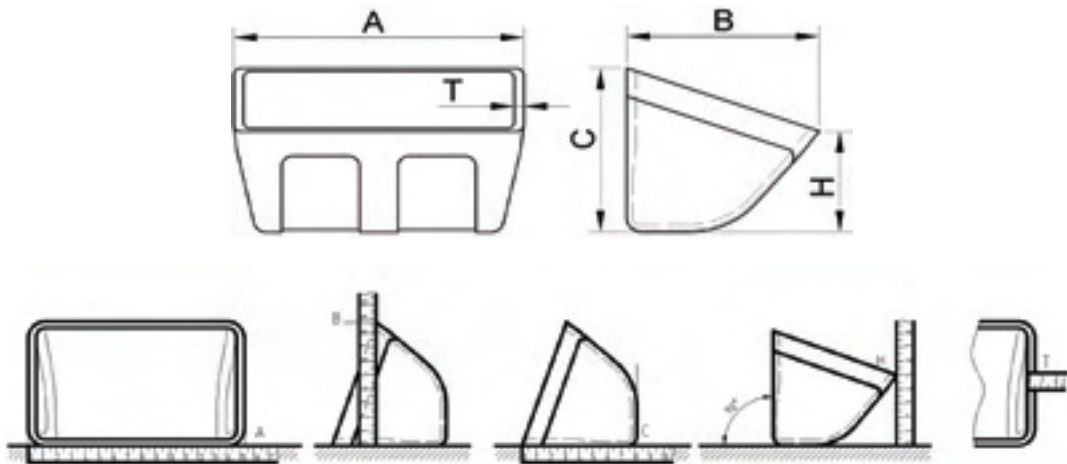
Nylon: High impact and abrasion resistance, better heat resistance and are well suited for handling hot, abrasive and sticky products.

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



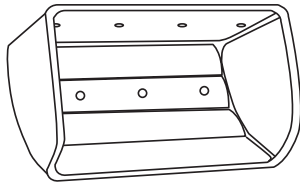
ELEVATOR BUCKET VENTING

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.

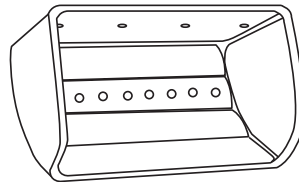
Four standard patterns air available. Customised patterns are available upon request.

Venting Options



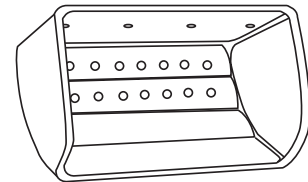
Vent Pattern 1

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



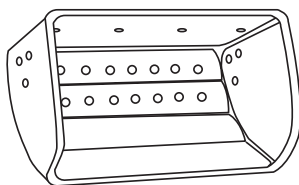
Vent Pattern 2

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



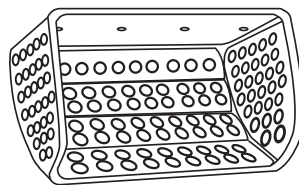
Vent Pattern 3

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.

