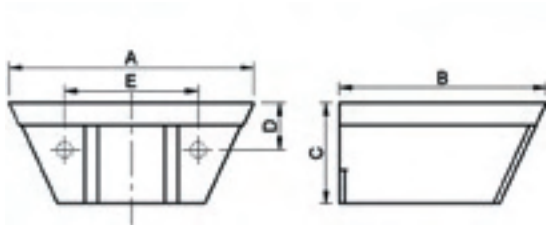


DW Type HDPE/NYLON



FEATURES

- Bottomless buckets for agricultural use.
- An assembly of several bottomless buckets and one bucket with bottom is installed at a close spacing on the belt. This will allow materials to be conveyed continuously allowing larger capacity. Capacity can increase 1.5~2 times with the use of the bottomless buckets. Bottomless buckets can be used at higher discharge speed.
- Ideal for handling grains, feeds, fertilizers, seeds, salt and chemicals, etc.



Usage Recommendations

- *Minimum bucket spacing: Buckets spacing in one group="C" +1mm; Bucket spacing between the groups=Bucket Projection "B" - Bucket Depth "C" +25mm.*
- *For engineering purposes, we recommend using "L" for usable capacity.*
- *Mounting holes can be customised 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 | | Dimension L X W X H (mm) | Quantity per Carton |
| DW0706 | 72 | 62 | 30 | 30 | 2 | 7 | 14 | 0.08 | 650x450x350 | 1200 |
| DW1109 | 110 | 92 | 50 | 60 | 2 | 7 | 20 | 0.21 | 650x430x450 | 600 |
| DW0907 | 90 | 78 | 33 | 40 | 2 | 7 | 15 | 0.18 | 650x450x500 | 750 |
| DW1109A | 110 | 92 | 45 | 60 | 2 | 7 | 22 | 0.25 | 650x450x500 | 400 |
| DW1310 | 130 | 102 | 45 | 70 | 2 | 7 | 20 | 0.36 | 650x430x450 | 432 |
| DW1311 | 130 | 110 | 45 | 70 | 2 | 7 | 18 | 0.36 | 650x450x500 | 560 |
| DW1812 | 186 | 125 | 60 | 90 | 2 | 9 | 25 | 0.85 | 650x430x450 | 175 |

* 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.

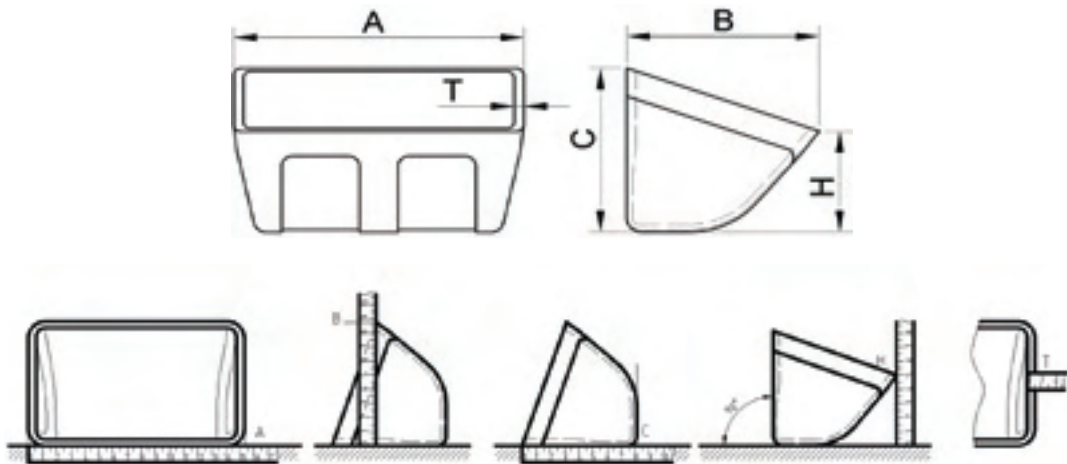
Nylon: High impact and abrasion resistance, better heat resistance and are well suited for handling hot, abrasive and sticky products.

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



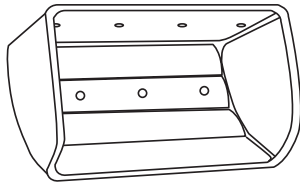
ELEVATOR BUCKET VENTING

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.

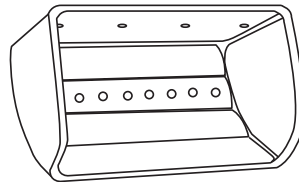
Four standard patterns air available. Customised patterns are available upon request.

Venting Options



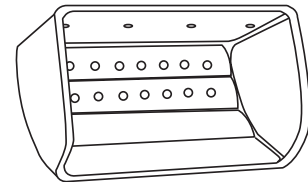
Vent Pattern 1

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



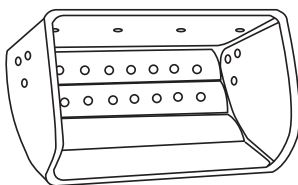
Vent Pattern 2

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



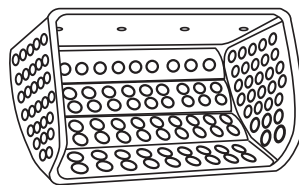
Vent Pattern 3

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.

