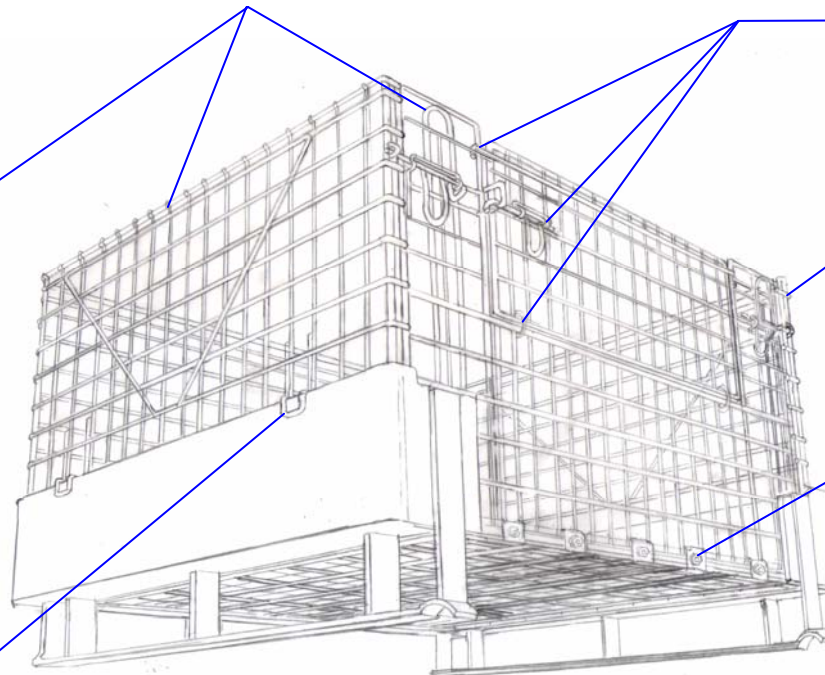


## The Anatomy of the Collapsible Wire Container

What attributes appeal to your needs?  
How can a wire container be created to your production facility and logistical requirements?



### How does the container collapse?

1. Unlock the latches on the ends of the front door and allow the entire door panel to fold into the container base.
2. Lift each side above the sheet metal base, disengaging the side panel lock mechanism, and fold both sides in until the side panels are parallel to the back.
3. With the back and sides folded neatly in conjunction, allow the entire surround to fold into the container base on top of the front door.

### Optional surround reinforcements

- A. Triangle** – the triangular formed reinforcements strengthen surround weld joints. In addition, the top corners of the triangle exponentially reinforce the point where the feet from stacked containers lay.
- B. Upside down U** – on containers with front to front stacking, this upside down U shaped reinforcement exponentially strengthens the

### Surround attributes

- A. Inside wires are vertical** – all surround components have vertical wires facing the interior of the container eliminating damage, tear, and accidental product loss.
- B. Thicker border wire** – larger diameter border wire can be utilized for surround components further strengthening top rim which receives significant stress and abuse.
- C. Varied grid spacing and wire diameter** – surround spacing and wire diameter depends upon desired capacity and product size.

### Side panel lock mechanism

When the container is opened up, these built in loops lock the side panels into place, substantially strengthening surround resistance to stress and overall weight capacity.

### Feet and runner bars

Whether steel fabricated or wire formed, our foot designs ensure stability, durability, and simplify stack positioning. Runner bars are optional. Refer to the following pages to view various foot and runner bar designs.

### Base mesh

A strong, .375" diameter wire is commonly used for the base mesh. The mesh is welded into the overall sheet metal base configuration.

### Optional insert mesh

If necessary, lighter mesh with smaller spacing can be welded on top of the base mesh to better trap smaller parts while in transit. Inserts also serve as additional base mesh reinforcement.

### Base configuration

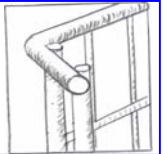
The 3 sided sheet metal base (gauge steel depends upon capacity and application) allows for maximum strength and rigidity when loaded and provides built-in protection of side panels when collapsed. Sheet metal base is designed to protect corner and side impact vulnerability. Notches on front and back corners simplify stacking of collapsed containers.

### Drop down door mechanisms

- A. Top hook** – to close the door, lift this top hook above the horizontal wire and allow the hook to fall into place. The hook is made to support all of the weight and stress allocated when the door is closed.
- B. Latch** – the latch locks the door. When the door is closed it ensures that the top hook remains in position over the horizontal wire. The top hook eliminates unnecessary stress to the latch.
- C. Bottom loops** – the door loops hold the door when opened. They are designed to allow just enough maneuverability to lift the top hook up and above the horizontal wire.

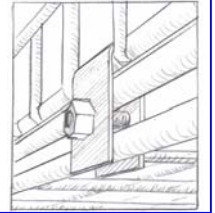
### Angle strength

The bend or radius in each corner substantially improves overall surround strength. It diminishes corner vulnerability and is much less likely to cave from forklift abuse.



### Surround to base attachment

Surround components are joined to the base with a durable and dependable system utilizing a clip, bolt, and locknut. The clip traps 3 wires in unison. Bolt heads are round so as to not damage the product. Locknuts fasten firmly and permanently.



### Optional base support

For containers with heavy capacity requirements, a channel, tube, or angle support frame can be welded to the bottom of the base to further ensure base integrity. Base support frames also serve as additional protection from underneath forklift damage.

### Base configuration alternative

The alternative base replaces the sheet metal sides with a grid formed into a 3 sided configuration.



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