

# HIGH EFFICIENCY™ Elevator Buckets

All Buckets with the HIGH EFFICIENCY label have (5) distinct features to deliver the maximum possible elevator leg throughput for the lowest cost per ton or bushel.

## MODERN HIGH EFFICIENCY DESIGN

### 1. SMOOTH FRONT FACE

A smooth interior face and side walls, with no “breaks”, deliver an efficient and unencumbered discharge over higher speeds.



### 2. WING-LESS SIDE WALLS

Wing-less side walls maximize the most efficient use and cost of materials.



### 3. CLOSER SPACING

The ability to be mounted extremely close together provides the most efficient use of vertical space on the belt.



### 4. TAPERED BOTTOMS

Tapered bottoms allow the buckets to fill and discharge with maximum efficiency over higher speeds.



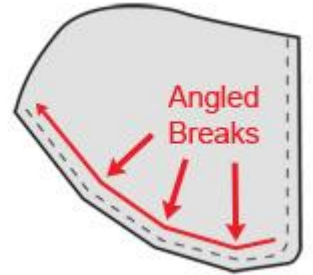
### 5. NESTING / STACKING

Nesting inside one another efficiently reduces the amount of space and costs associated with shipping and storage.

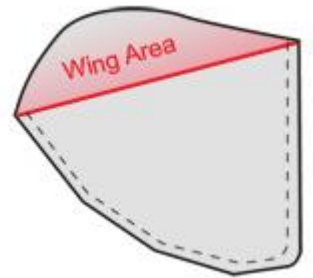


## TRADITIONAL DESIGN

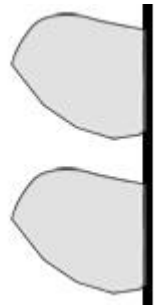
Other designs have angled “breaks” which provide no benefit to discharge efficiency. These “breaks” merely copy a feature from the first sheet metal buckets introduced in the 1920's.



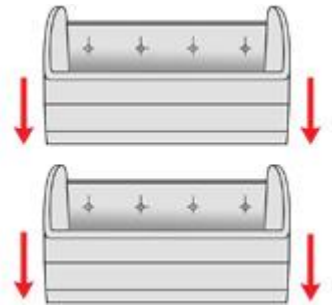
Other buckets have a wing or “ear” on both sides which adds cost and weight, while offering no functional benefit.



Other buckets are too deep to be mounted closely together or must be modified from their standard design, adding to the cost.



The vertical sides, wings and perpendicular bottoms of other buckets impede the flow of materials into and out of the bucket.



Nesting is not possible with other bucket designs. More packing materials and space are required for these buckets.



