

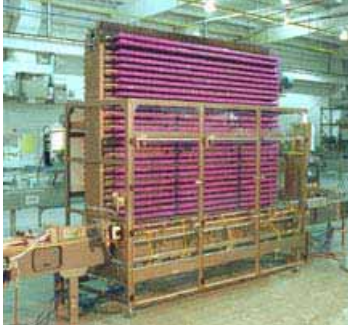


# **ROE-LIFT®**

**Over-The-Top®**

**Vertical Accumulators**

**Patent #'s 5,255,773 5,366,063 5,577,995**



**MIDI**



**MAXI**



**MEGA High Infeed**



**MEGA ROE-LIFT® with AIR DECK®**



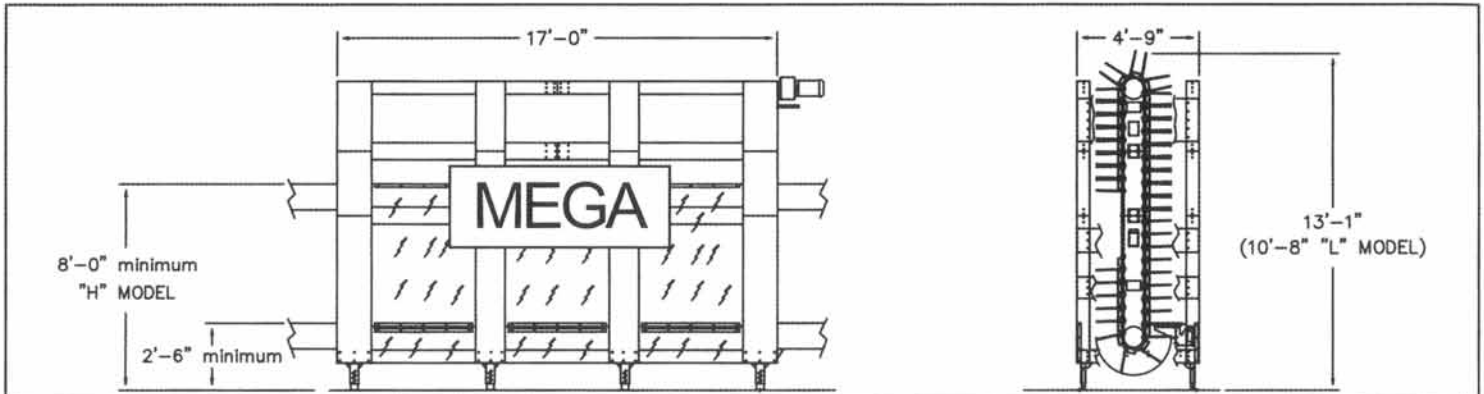
**MEGA with RWave®  
Transfer Handling Four  
Rows of Product**

## **MAXIMUM ACCUMULATION • MINIMUM FLOOR SPACE**

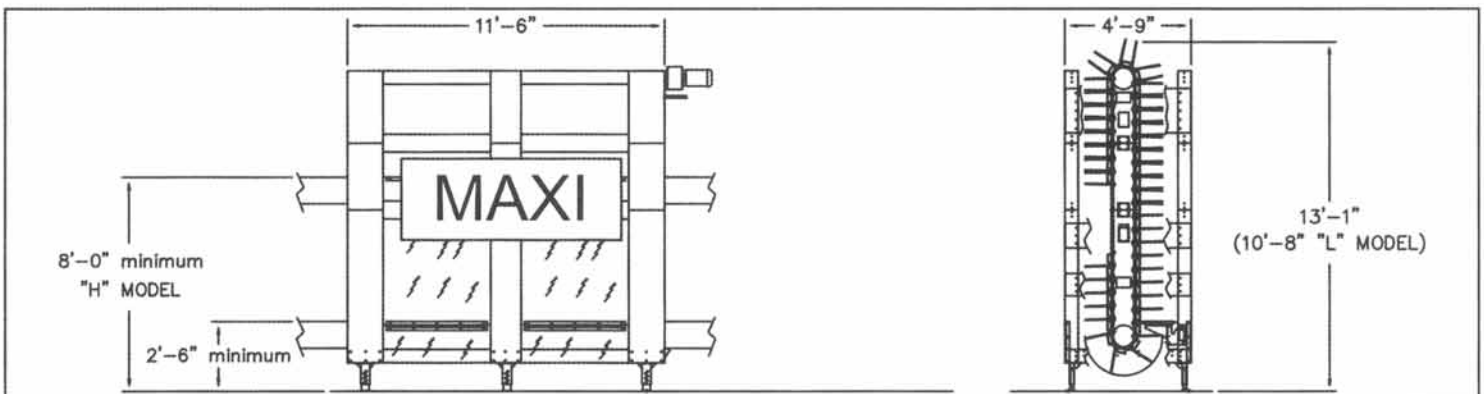
- **High Speed, High Capacity, Gentle**
- **Provides Accumulation During Downstream Machinery DownTime**
- **Easy Interface with Upstream and Downstream Machinery**
- **Open Access From Operator Side and Visibility of Accumulated Product From All Sides**

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# ROE-LIFT® Over-The-Top® Vertical Accumulator



Mega Length Accumulation		Total Storage Capacity	Lift Rails			Package Limits				Overall Height		Minimum Delivery Height
Overall Length = 17'-0" Lift Rail Length = 15'-9" Footprint Width = 4'-9"			Pitch	Quantity Front / Back	Fingers Pitch	Maximum				Minimum Infeed EL	OAH	
					Height	Width	Weight	PFFM				
Mega - 6		614 feet	6"	20 / 19 = 39	1.76"	3.75"	13.5"	4.75 oz / inch	120 fpm	30"	13' - 1"	11' - 4"
Mega - 6L (less height)		456 feet	6"	15 / 14 = 29	1.76"	3.75"	13.5"	6 oz / inch	120 fpm	30"	10' - 8"	8' - 11"
Mega - 6H (high infeed)		441 feet	6"	9 / 19 = 28	1.76"	3.75"	13.5"	6 oz / inch	120 fpm	96"	13' - 1"	11' - 4"
Mega - 4.5		803 feet	4.5"	26 / 25 = 51	1.26"	2.25"	13.5"	3 oz / inch	120 fpm	30"	13' - 1"	11' - 4"
Mega - 4.5L (less height)		598 feet	4.5"	20 / 18 = 38	1.26"	2.25"	13.5"	3.75 oz / inch	120 fpm	30"	10' - 8"	8' - 11"
Mega - 3 & 6		897 feet	3" & 6"	38 / 19 = 57	1.76"	1.5"/3.75"	13.5"	4.5 oz / inch	120 fpm	30"	13' - 1"	11' - 4"
Mega - 3 & 6L (less height)		677 feet	3" & 6"	29 / 14 = 43	1.76"	1.5"/3.75"	13.5"	6 oz / inch	120 fpm	30"	10' - 8"	8' - 11"



Maxi Length Accumulation		Total Storage Capacity	Lift Rails			Package Limits				Overall Height		Minimum Delivery Height
Overall Length = 11'-6" Lift Rail Length = 10'-6" Footprint Width = 4'-9"			Pitch	Quantity Front / Back	Fingers Pitch	Maximum				Minimum Infeed EL	OAH	
					Height	Width	Weight	PFFM				
Maxi - 6		409 feet	6"	20 / 19 = 39	1.76"	3.75"	13.5"	6 oz / inch	95 fpm	30"	13' - 1"	11' - 4"
Maxi - 6L (less height)		304 feet	6"	15 / 14 = 29	1.76"	3.75"	13.5"	6 oz / inch	95 fpm	30"	10' - 8"	8' - 11"
Maxi - 6H (high infeed)		294 feet	6"	9 / 19 = 28	1.76"	3.75"	13.5"	6 oz / inch	95 fpm	96"	13' - 1"	11' - 4"
Maxi - 4.5		535 feet	4.5"	26 / 25 = 51	1.26"	2.25"	13.5"	4.5 oz / inch	95 fpm	30"	13' - 1"	11' - 4"
Maxi - 4.5L (less height)		399 feet	4.5"	20 / 18 = 38	1.26"	2.25"	13.5"	6 oz / inch	95 fpm	30"	10' - 8"	8' - 11"
Maxi - 3 & 6		598 feet	3" & 6"	38 / 19 = 57	1.76"	1.5"/3.75"	13.5"	6 oz / inch	95 fpm	30"	13' - 1"	11' - 4"
Maxi - 3 & 6L (less height)		451 feet	3" & 6"	29 / 14 = 43	1.76"	1.5"/3.75"	13.5"	6 oz / inch	95 fpm	30"	10' - 8"	8' - 11"

**FOOTNOTES:**

1. "Footprint Width": Does not include junction boxes, operator station or control panel.
2. "Total Storage Capacity": Total storage capacity used depends upon package length.
3. "Package Limits, Maximum Weight": (weight of package) / (length of package).
4. "Overall Height": Final installed height may be increased by width of package if greater than 10'.
5. "Minimum Infeed Elevation": Based on 3' floor clearance when standard length fingers (10') are used and chain take-up is adjusted out to end of travel.

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FOR SYSTEMS DESIGN**

Specifications subject to change without notice.



# MINI ROE-LIFT® Vertical Accumulator



**Round Container Handling System with RWave®**



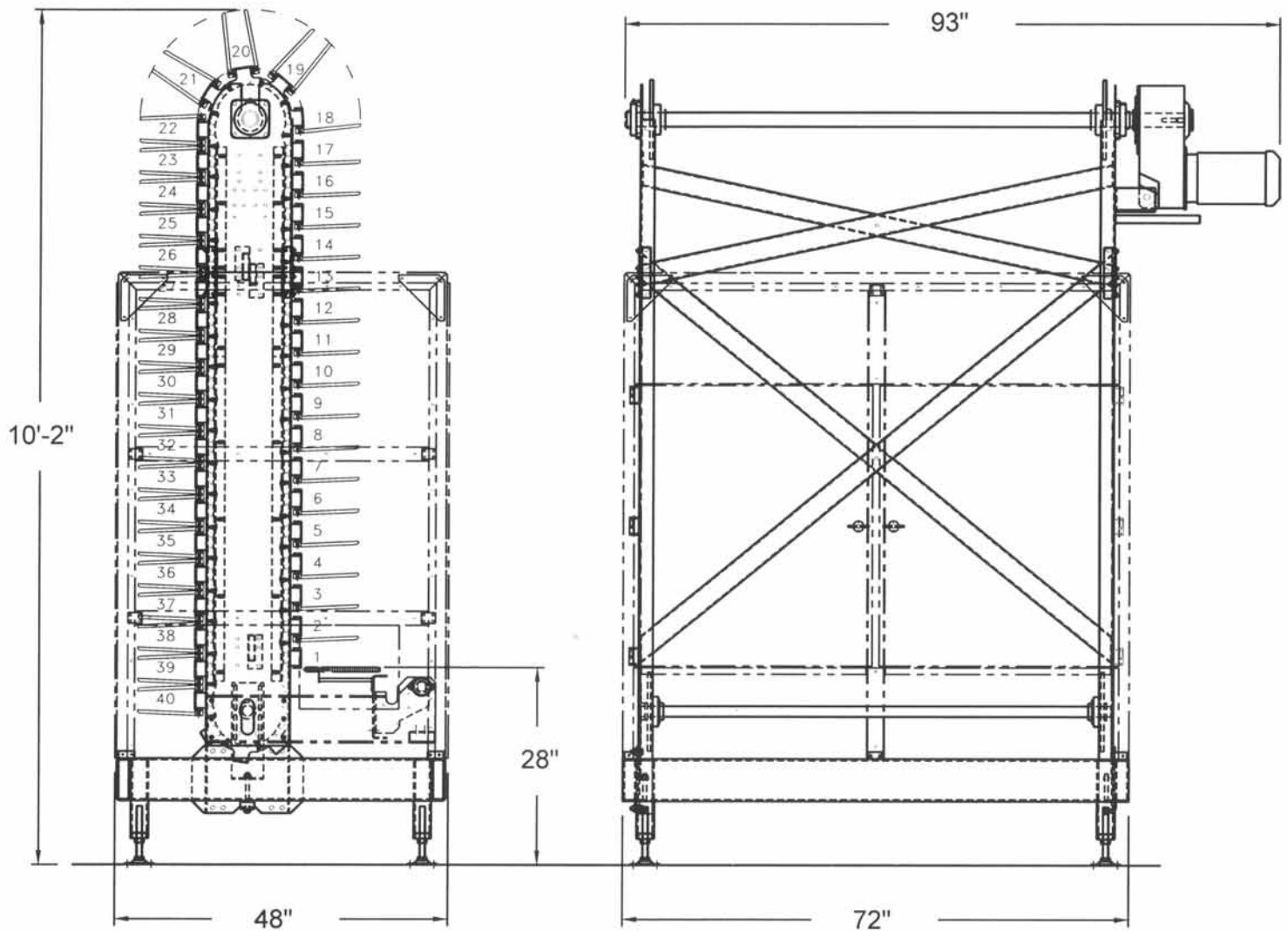
**RWave® Transfer**

## **MAXIMUM ACCUMULATION • MINIMUM FLOOR SPACE**

- **High Speed, High Capacity, Gentle**
- **Provides Completely Automatic Accumulation During Downstream Machinery DownTime**
- **RWave® Transfer Available On All MINI Models-Allows Two Or More Rows Of Product To Be Accumulated On Every Lift Rail**
- **Open Access From Operator Side and Visibility of Accumulated Product From All Sides**



# ROE-LIFT® Single-Sided & Over-The-Top® Vertical Accumulator MINI MODEL



Mini Length Accumulation	Total Storage Capacity	Lift Rails		Package Limits				Overall Height		Minimum Delivery Height
		Pitch	Quantity Front / Back	Maximum				Minimum Infeed EL	OAH	
				Height	Width	Weight	PFPM			
Overall Length = 6'-0 Lift Rail Length = 5'-0 Footprint Width = 4'-9	Single-Sided / OTT									
<b>Mini - 6</b>	65 ft / 150 ft	6"	13 / 17 = 30	4.5" / 3.75"	8.5"	6 oz/inch	53 fpm	28"	10'-2"	9' - 4"
<b>Mini - 6H *** (high infeed)</b>	Consult Engineering									
<b>Mini - 4.5</b>	90 ft / 200 ft	4.5"	18 / 22 = 40	3.0" / 2.25"	8.5"	6 oz/inch	53 fpm	28"	10'-2"	9' - 4"
<b>Mini - 3</b>	130 ft / 300 ft	3"	26 / 34 = 60	1.5" / 0.75"	8.5"	6 oz/inch	53 fpm	28"	10'-2"	9' - 4"

\*\*\* Mini - 6H: Available with RWave® Transfer only. Accumulates downward on the front side of ROE-LIFT®

**FOOTNOTES:**

1. "Footprint Width": Does not include junction boxes, operator station or control panel.
2. "Total Storage Capacity": Total storage capacity used depends upon package length.
3. "Package Limits, Maximum Weight": (weight of package) / (length of package).
4. "Overall Height": Final installed height may be increased by width of package if greater than 8".
5. "Minimum Infeed Elevation": Based on 3" floor clearance when standard length fingers (8") are used and chain take-up is adjusted out to end of travel.
6. "Minimum Delivery Height": Based upon unit shipped assembled but with legs at minimum adjustment, top lift rails removed and ROE-LIFT® shipped without skids.
7. Shipping weight of one of the above standard units is estimated at 4000 pounds.

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FOR SYSTEMS DESIGN**

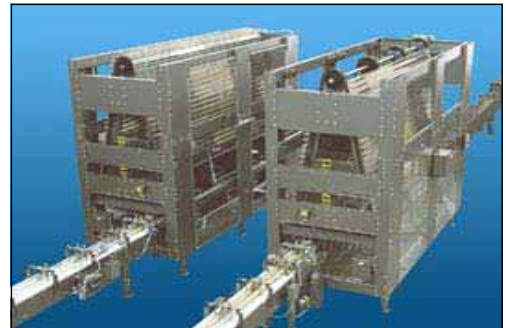
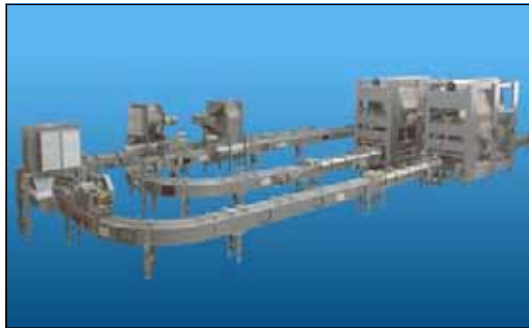
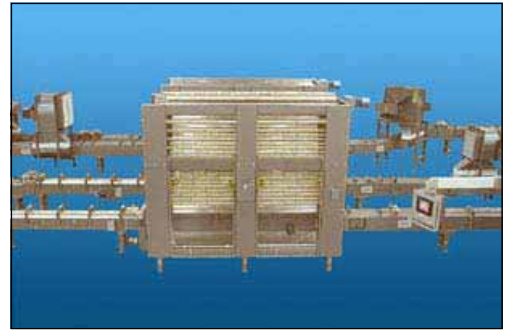
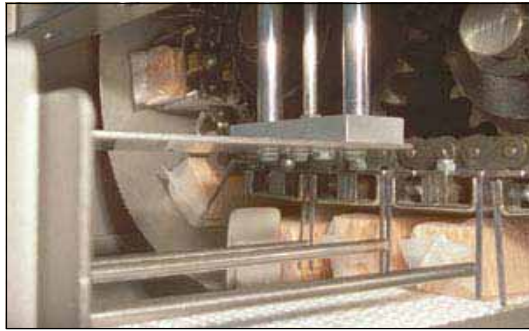
Specifications subject to change without notice.



# **ROE-LIFT<sup>®</sup>**

## **Vertical Accumulator**

### **“Flex-Sweep” & “Angle” Models**



#### **“Angle” Model**

- **QuickSet<sup>®</sup> Changeover Lift Rails accommodate two product sizes**
- **Handles Heavier Product Cases**
- **Completely Automatic Accumulation and Deaccumulation**
- **Maximum Accumulation-Minimum Floorspace**

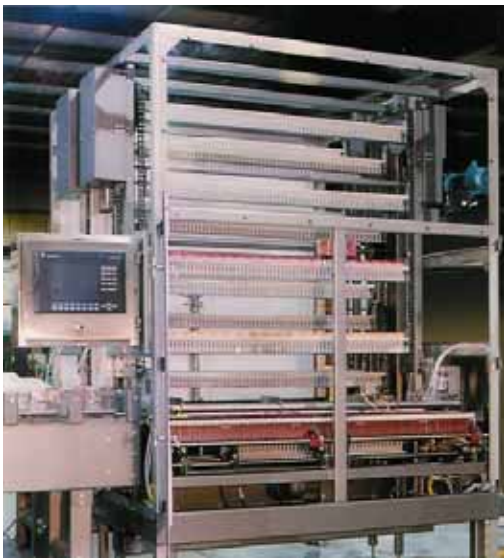
#### **“Flex-Sweep”**

- **High Speed, High Capacity, Gentle**
- **Multiple Lane Infeed Accommodates High Upstream Rates**
- **Provides Completely Automatic Accumulation During Downstream Machinery DownTime**
- **Open Access From Operator Side and Visibility of Accumulated Product From All Sides**



## ***F.I.F.O. Accumulator***

***The F.I.F.O. First-In-First-Out Accumulator utilizes a carousel design and can handle a full range of container and product types and sizes. Patented RWave® Transfer technology dictates gentle and precise product placement and completely eliminates any pushing of product.***



***RWave® Transfer***

### ***FEATURES***

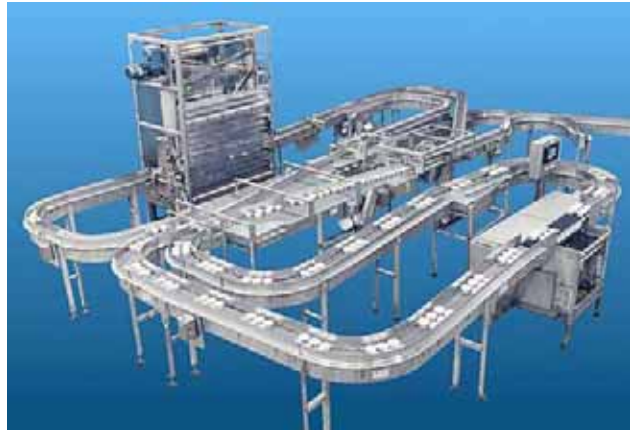
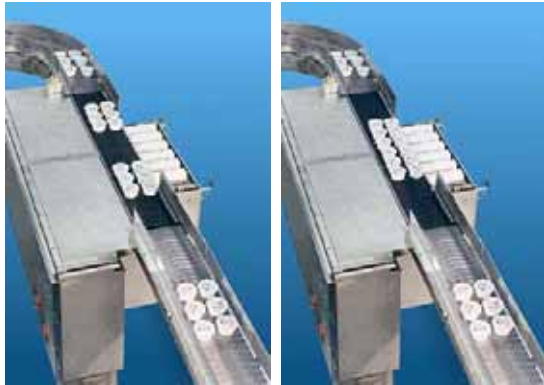
- ***Easily customized “T” Rails accommodate a wide variety of product shapes***
- ***Front or side loading capabilities***
- ***Open access and clear visibility raises operator safety and efficiency***
- ***Hundreds of feet of accumulation possible***
- ***RWave® Transfer allows for two or more rows of product to be accumulated on every rail.***





# **RWave® TRANSFER**

Patent # 6,158,566



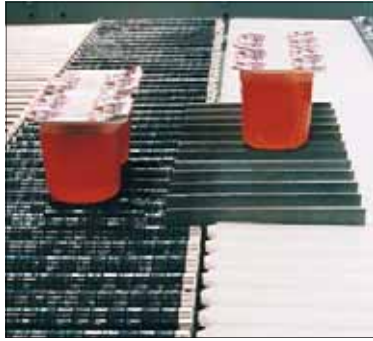
**Round Container Handling System with  
RWave® Transfer**



**FIFO Accumulator with RWave® Transfer**

- **High Speed, High Capacity, Gentle Handling**
- **RWave® Transfer Available On ROE-LIFT® Vertical Accumulator MINI, MIDI, MAXI, MEGA and FIFO Models**
- **Allows Two Or More Rows Of Product To Be Accumulated On Every Lift Rail**
- **Handles a Wide Variety of Product Sizes and Shapes**

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**MINI ROE-Lift® with  
RWave® Transfer**



**MAXI  
RWave®  
ROE-Lift®  
With Four  
Rows of  
Product**

