



# BEI International, LLC

Model 3000 \* Wheels or Tracks \* Top Loading \* Rotary, Sway or Black Ice Harvester

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A revolutionary modernized rotary head harvester. Extremely robust and highly adjustable rotary head system. Weight adjustment with no tools required. Driver can electronically adjust rotary head position from drivers seat. Configure position of collars vertically on shaft. Harvest effectively at near 1.5 mph in many varieties. Many options available such as sorting tables, drop deck, fans, etc...



***Watch our videos on our web site!***

- Steel Hex Shaft
- Collars lock in place vertically and horizontally
  - Locking pins hold the collars in place vertically
  - Hex shaft holds the collars in place horizontally
- Rotary Head Placement
  - Driver has an electronic control to adjust the rotary heads in, out and overlapping
- Adjustable Rotary Head brake control



- Permalock Indexable Fingers
  - 3/8 inch finger with food grade coating
  - Easy to change fingers and/or collars
- Weight Adjustment
  - Six weight adjustment setting on each side of each rotary head
  - Weight adjustment allows for adjusting how gentle or aggressive you want the rotary head to pick
- Speed
  - You can effectively harvest at near 1.5 mph

# **Model 3000**

## **Self-Propelled Method:**

- 4 wheeled 90 degree turning radius
  - Travel Speed
    - Low Range 0 – 5 MPH
    - High Range 0 - 12 MPH
  - Tire Size
    - Front 38x20-16.1
    - Rear 16.9x24
- Tracks
  - Low Speed Only (Raymar Standard 0-3 MPH)
  - Low and High Speed (Raymar Modified low 0-3 MPH and high 0-8 MPH)

## **Top loading**

- Drop deck (no pallet mover).....Weight limit 5,000 lbs. / 3 pallets maximum
- No drop deck
  - Black Ice and Sway 6 full pallets maximum
  - Rotary 4 full pallets maximum

## **Picking Mechanism**

- Sway
- Rotary
- Black Ice

## **Specifications**

- Weight Approximately 18,500 lbs
- Overall Length 21'0"
- Overall Width 9'11"
- Overall Height 10'11"
- Tunnel Height 7'0" - 8'2"
- Tunnel Width 4'6"
- Max Lifting Height 20"
- Min Fruit Height 14"