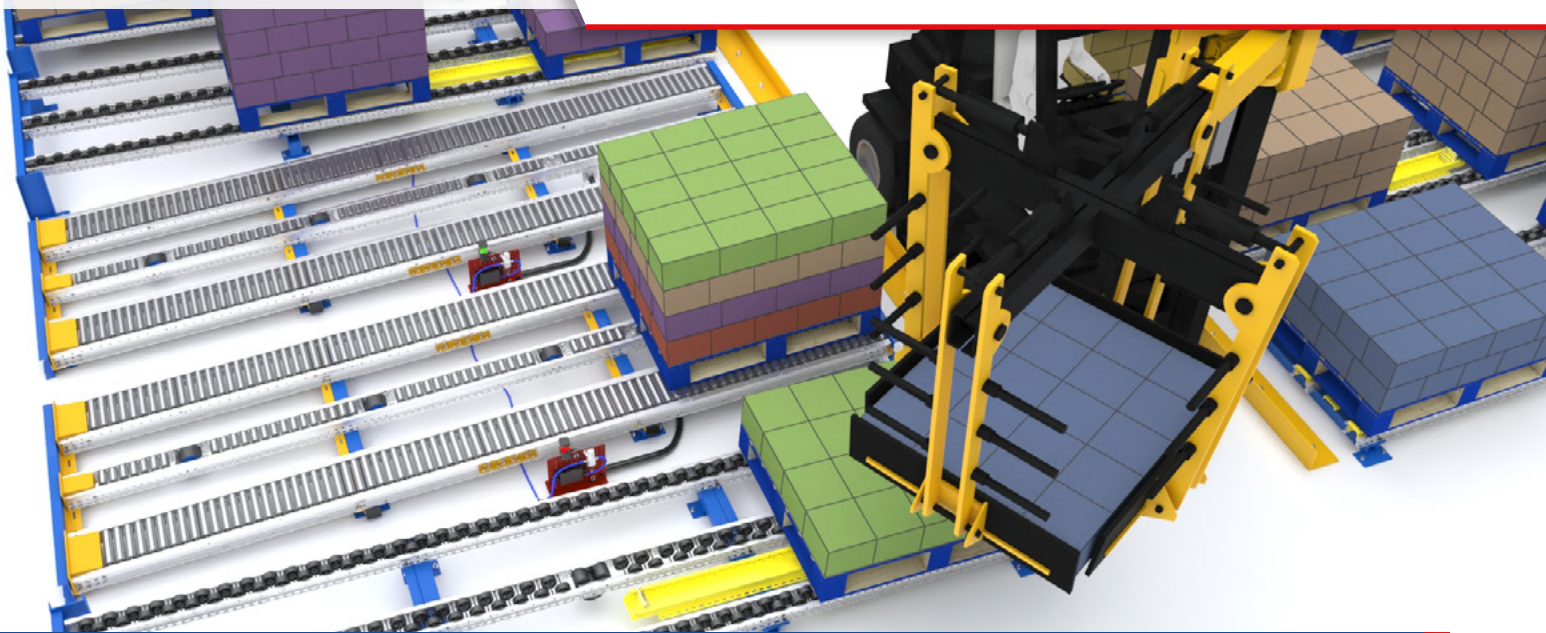




**MALLARD**  
MANUFACTURING  
YOUR GRAVITY FLOW SPECIALISTS

# FAQS - MIXED-SKU PALLET BUILDING WITH ERGO BUILD PALLET SEPARATOR



## Mallard Experts Answer Your FAQs - Optimize Mixed-SKU Pallet Building with Pallet Flow & Ergo Build

Streamline your layer pick operation with Ergo Build (patent pending) paired with outbound and inbound pallet flow lanes for a labor- and time-saving continuous workflow that boosts pick rates.

Check out our top 10 FAQs to learn more about Ergo Build for mixed-SKU pallet building. Contact your Mallard gravity flow expert for system design advice and a quote.

### Ergo Build FAQs

#### 1. Is Ergo Build pneumatic separator right for my layer-picking application?

Ergo Build pallet separator is ideal for mixed-SKU pallet building for high-volume, fast-turn inventory. Common applications include beer, beverages, snack foods, pet foods, and cold storage fulfillment.

#### 2. How do I design my layer build zone to include the EB 800?

Each Ergo Build solution is custom configured. SKU volume, turn rates, load capacities, pallet style, available space, and layer pick attachment specs are all assessed to design your application. We suggest ordering a sample test lane to try with your equipment and inventory. Note Mallard does not supply forklift layer pick devices.

#### 3. How does the EB 800 separator work?

The Ergo Build separator is mounted in the outbound pallet flow lane to hold the empty pallet in place for mixed-SKU pallet building. Once the pallet order is complete, the forklift operator presses a button to release the separator. The lighted tower beside the lane will shine green to signal the driver that the button is active, thus preventing the wrong pallet from being released.

#### 4. How are completed mixed-SKU "rainbow" pallets released?

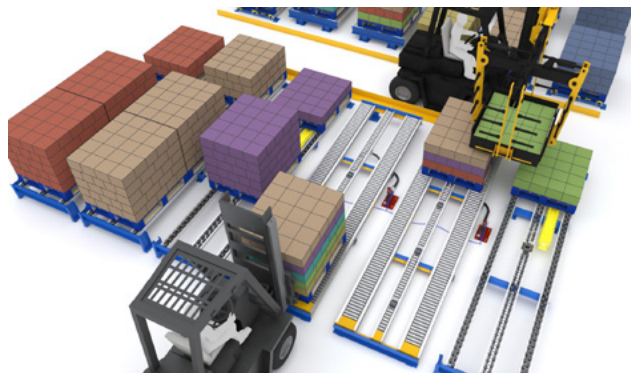
The driver must be within a predefined range of the outbound lane for the light on the tower to turn green. Once green, the driver can push a conveniently located button to release the Ergo Build separator. The button activates the hold-back device to drop allowing the pallet to flow to the takeaway aisle.

#### 5. Can I retrofit my existing pallet flow-fed layer pick system?

The Ergo Build application works with pallet flow lanes used to feed inventory to the pick zone. It must be custom designed to ensure an optimized mixed-SKU pallet building pick zone.



Build Lane Surrounded By Pallet Flow Feed Lanes



Aerial Perspective

### 6. What pallet style can I use in my Ergo Build system?

Since the system is custom configured, there isn't a specific pallet size or style; however, the pallets must be tested on-site to ensure the system is appropriately designed.

### 7. Can I use the EB 800 separator in cold storage?

The Ergo Build pneumatic pop-up separator has been successfully used in cold storage facilities; however, an on-site test is recommended.

### 8. What pallet flow products can I use in my Ergo Build lanes?

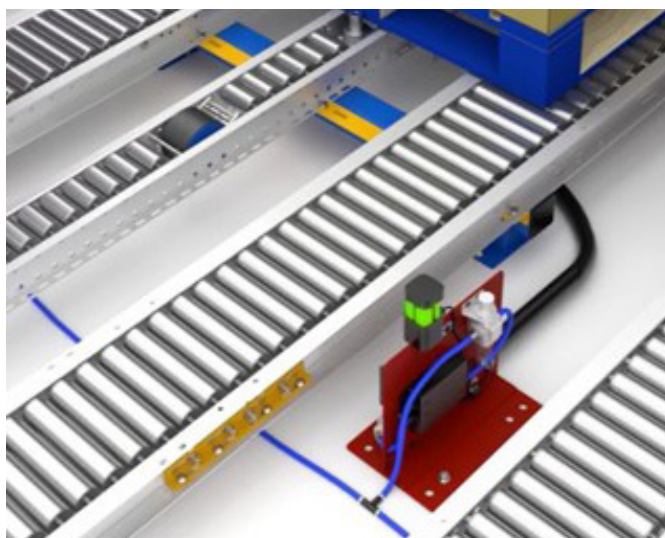
Your outbound and inbound pallet flow lanes may consist of wheeled or split-roller rails. The lane design is predicated on pallet style and pallet load specs.

### 9. What layer pick attachments are compatible with Ergo Build?

We will design your outbound flow lanes to work with your layer pick attachment or robotic arm equipment.

### 10. Does Mallard provide the lift truck and layer pick attachment?

We are happy to recommend forklifts and layer pick attachment designs that we've seen work well for the application, but we don't sell this type of equipment.



Ergo Build Pedestal Light



Push-Button Release