Buckhorn has more than 35 years of experience in designing, manufacturing, and implementing reusable plastic pallet systems. Today’s line includes a variety of pallets for light to heavy-duty demands, in sizes, weights, and styles to meet your material handling needs. Manufactured by injection or structural foam molding, they deliver performance and economic value in your operations through:
- **Hundreds of round trips for lower overall cost per-trip**
- Exceptional strength to withstand heavy loads and high impact
- Lightweight design for safer handling
- Compatibility with automated handling equipment
- Superior resistance to moisture, most chemicals, and temperature extremes
- 100% recyclable construction for environmental and cost savings

Rely on the packaging experts at Buckhorn to help you select and implement the right pallet solution.

### Pallet Terms

**Nestable:** Increases storage of empties by 50% or more and reduces return shipping costs.

**Rackable/Stackable:** Manufactured for secure stacking and storage on racks with decking.

**Edge Rackable:** Manufactured with reinforcement for storage on racks with edge support only and no decking.

**Injection Molding:** Process that produces a solid, lightweight product with impact resistance.

**Structural Foam Molding:** Process that produces an extremely durable product that withstands heavy loads and high abuse.

**Dynamic Capacity:** Capacity of the pallet when in motion.

**Static Capacity:** Capacity of the pallet when in stationary position either stacked, floor loaded, or on a rack with decking.

**Edge Racking Capacity:** Capacity of the pallet with an evenly distributed load on an unsupported rack.

**Top Caps:** Available to secure loads for stacking and transport.

**Pallet Lock “Seat Belt” Systems:** Interlock pallets and top caps for maximum load protection. Eliminates strapping, shrinkwrap, or corrugated packing costs.

### Available Colors

- **Standard:** Black, Lt. Gray
- **Custom:** Available in quantity orders

### Ventilated or Solid Deck Styles

Ventilated decks allow airflow; solid decks offer maximum product security.

### 4-Way Entry Features

Allows efficient handling from any orientation by forklifts and pallet jacks.

### Molded-in Perimeter Lip

Optional lip available on all pallet styles except Medium-Duty Stackable. Lip stabilizes loads and reduces slippage for stacking and transport.
The Economic Benefits of Plastic Pallets...

- Superior product protection
- Improved ergonomic conditions
- Reduced/eliminated pallet repair costs
- Better pallet/load tracking
- Eliminate solid waste disposal costs
- Reusable/recyclable
- Reduced labor costs

... All Adding Profit to Your Bottom Line!

Feet or Rail Styles
Nestable pallets offer maximum space-savings in storage and return. Manufactured with reinforced bottom rails. Stackable/Rackable Pallets establish even load distribution and maximum support for storage and racking.

Ideal for Applications in...
- Automotive
- Industrial
- Retail Distribution
- Dairy
- plus...
  - Textiles
  - Hardware
  - Food Processing
  - Food Distribution
  - General Manufacturing
  - Beverage
  ... and many more!

Identification Systems
Hot stamps, screen printed tags, and molded-in ID. See page 14 for details

Stack of 40 Nestable Pallets for truckload travel

Textured or Smooth Decks
Spray coating and diamond decks help reduce load slippage. Smooth decks available. All styles are easy to clean.
Heavy-Duty Pallet Series

Heavy-Duty Pallets are ideal for storing products on racks and freeing valuable floor space. Heavy-Duty Pallets are ideal for food products, retail products, automotive, and general manufacturing applications where added strength and capacity are required. These structural foam pallets are available in 40" x 40", 48" x 40", and 48" x 42" sizes. The pallets are designed to handle a 4,000-lb., evenly-distributed, dynamic load. The reinforced Heavy-Duty Pallet and Universal Pallet with 6 rails can handle a 5,000-lb. evenly-distributed, dynamic load.

Universal Pallet

Edge Rackable to 2,800 lbs.

48" x 40"

48" x 42"

- Edge rackable to 2,800 lbs. – choose from molded-in plastic or steel reinforcement rods to match your capacity requirements
- Angled 4-way entry points guide fork tines for easy handling
- Choice of no lip or molded-in 1/4" or 1" Safety Lock perimeter lip for load stability in transport
- Solid flat deck or vented deck with ergonomic handholds for easy lifting
- OPTIONS p. 14: Anti-skid rubber plugs on top deck, bottom rails, and fork entry to stabilize loads; hot stamp or molded-in logo; ID tags or RFID

Also manufactured with Fire Resistant material - see pg. 13 for details.

Heavy-Duty 3-rail base

Edge Rackable to 1,400 lbs.

40" x 40"

48" x 40"

- 3 rails on base for stacking stability
- Smooth, solid deck reinforced with 3 steel rods
- 2-way entry accommodates fork trucks and pallet jacks
- OPTIONS p. 14: Anti-skid rubber plugs, up to 6 steel reinforcement rods, spray coating, 1/4" lip, hot stamp, molded-in logo, handholds; ID tags or RFID

Heavy-Duty 6-rail base

Edge Rackable to 1,400 lbs.

48" x 40"

- 6-rail base
- Smooth, solid deck reinforced with 6 steel rods
- 2-way entry accommodates lift trucks and pallet jacks
- OPTIONS p. 14: Anti-skid rubber plugs, up to 8 steel reinforcement rods, spray coating, 1/4" lip, hot stamp, molded-in logo, handholds; ID tags or RFID

Edge rackable situations vary by rack style, pallet orientation and load. Please consult Buckhorn for suitability in your specific application.
Medium-Duty structural foam pallets are designed to handle a variety of food, manufacturing, and retail distribution applications. Medium-Duty pallets are available in 48” x 40”, 48” x 42”, 48” x 45”, and 48” x 48” footprints. The pallets will carry evenly distributed dynamic loads up to 4,000 lbs. All models are available with solid and ventilated decks, and offer many options to add versatility to your materials handling. Four-way entry accommodates fork trucks and pallet jacks.

Medium-Duty Pallet Series

Medium-Duty Nestable
48” x 40”, 48” x 42”, 48” x 45”, 48” x 48”
- 9 reinforced feet uniformly distribute the load
- Rackable with center support or decking
- Available with solid or ventilated deck
- OPTIONS p. 14: Anti-skid diamond deck, spray coating, 5/8” lip, hot stamp, molded-in logo, ID tags, RFID

Model No. PM48400600
Dim: L 48” x W 40” x H 6”
Color: Black

Model No. PM48420600
Dim: L 48” x W 42” x H 6”

Model No. PM48450600
Dim: L 48” x W 45” x H 6”
Color: Black

Model No. PM48480600
Dim: L 48” x W 48” x H 6”

Medium-Duty 3-rail base
48” x 40”, 48” x 42”, 48” x 45”, 48” x 48”
- 3 rails on base for stacking stability. Contact Buckhorn for racking applications
- Rackable with center support or decking
- Available with solid or ventilated deck
- OPTIONS p. 14: Anti-skid diamond deck, spray coating, 5/8” lip, hot stamp, molded-in logo, ID tags, RFID

Model No. PM48400630
Dim: L 48” x W 40” x H 6.25”

Model No. PM48420630
Dim: L 48” x W 42” x H 6.25”

Model No. PM48450630
Dim: L 48” x W 45” x H 6.25”

Model No. PM48480630
Dim: L 48” x W 48” x H 6.25”

Medium-Duty 6-rail base
Edge Rackable to 1,200 lbs.
48” x 40”, 48” x 42”, 48” x 45”, 48” x 48”
- 6 rails on base for racking to 1,200 lbs max.
- Available with solid or ventilated deck
- OPTIONS p. 14: Anti-skid diamond deck, spray coating, 5/8” lip, hot stamp, molded-in logo, ID tags, RFID

Model No. PM48400633
Dim: L 48” x W 40” x H 6.25”

Model No. PM48420633
Dim: L 48” x W 42” x H 6.25”

Model No. PM48450633
Dim: L 48” x W 45” x H 6.25”

Model No. PM48480633
Dim: L 48” x W 48” x H 6.25”

Pallets maintain their strength over repeated uses, protecting products and eliminating pallet repair. Reusable pallets save ongoing costs of buying wood pallets and reduce cost-per-trip.
Standard-Duty Pallet Series

### Standard Nestable
48” x 40”
- 9 feet uniformly distribute the load
- Available with ventilated deck
- 4-way entry accommodates forklift trucks and pallet jacks
- Rackable with center support or decking
- Lightweight design – 29 lbs. for easy lifting
- OPTIONS p. 14: Anti-skid rubber plugs top & bottom, 1" lip, hot stamp, molded-in logo, RFID

Model No. P548404600 (1)
Dim: L 48.56” x W 40.56” x H 5”
Color: Black
Stocked with no lip or 1” perimeter lip

### Standard Stackable
6-rail base
48” x 40”
- Rackable with center support or decking
- 9-post construction for strength
- 2-piece, snap together design allows components to be replaced without purchasing a new pallet
- Solid deck with textured, anti-skid surface
- 4-way entry accommodates forklift trucks and pallet jacks

Model No. P548400633 (2)
Dim: L 48” x W 40” x H 5.5”
Color: Black

#### Universal Pallet Puts Utah DC in High Spirits

When the State of Utah Liquor Control Board replaced their 118,000 sq. ft. warehouse with a 47,000 sq. ft. distribution center, they installed a high-rise automated retrieval system to process orders. The system tracks & replaces shipped inventory, and distributes merchandise, guaranteeing access to products at all times. Incoming products on wooden skids are repacked onto reusable plastic pallets, logged into the system, and are transferred to the final rack position via a roller conveyor and a series of robotic lifts. Due to the exacting dimensional, visual, and performance standards required by the system, wood pallets can not be used. Only one plastic pallet meets the criteria – Buckhorn’s 48” x 40” Universal Pallet. The Universal Pallet was selected over other reusable pallets because of its strength, sanitation, and durability.

The fully automated system requires a fleet of 12,000 pallets to fill more than 6,000 positions.

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Edge rackable situations vary by rack style, pallet orientation and load. Please consult Buckhorn for suitability in your specific application.
Buckhorn’s Light-Duty Pallet line is ideal for a wide variety of shipping applications, from automotive and general manufacturing to food and retail products distribution. These pallets are available in 48” x 40” and 48” x 45” footprints. Styles include nestable and stackable, solid and ventilated decks, and many options. Pallets are injection molded and weigh between 19 lbs. and 31 lbs., allowing safe manual handling. The Light-Duty Nestable and Light-Duty Stackable 3-rail pallets support loads up to 1,200 lbs. dynamic; the Light-Duty Stackable 5-rail supports loads up to 2,500 lbs. dynamic.

**Light-Duty Nestable**
48” x 40”
48” x 45”
- 9 reinforced feet uniformly distribute the load
- Rackable with center support or decking
- Available with solid or ventilated deck
- 4-way entry accommodates fork trucks and pallet jacks
- Pallets nest increasing storage space by 50% and reducing return shipping cost
- OPTIONS p. 14: Anti-skid rubber plugs, spray coating, 3/8” perimeter lip, hot stamp, molded-in logo, RFID

**Light-Duty Stackable**
3-rail base
48” x 40”
48” x 45”
- 3 rails on base for stacking stability
- Rackable with center support or decking
- Available with solid or ventilated deck
- 4-way entry accommodates fork trucks and pallet jacks
- Allows stacking of loaded pallets in warehouse to maximize floor space
- OPTIONS p. 14: Anti-skid rubber plugs, spray coating, 3/8” perimeter lip, hot stamp, molded-in logo, RFID

**Light-Duty Stackable**
5-rail base
48” x 40”
48” x 45”
- 5 rails on base for stacking stability
- Rackable with center support or decking
- Available with solid or ventilated deck
- 4-way entry accommodates fork trucks and pallet jacks
- Allows stacking of loaded pallets in warehouse for space efficiency
- OPTIONS p. 14: Anti-skid rubber plugs, spray coating, 3/8” perimeter lip, hot stamp, molded-in logo, RFID
Buckhorn Heavy-Duty Pallets and Top Caps secure container loads for stacking, shipping, and storing in racks. Optional seat belts wrap around the containers and lock into the top cap for more load stability, eliminating the need for banding or stretch wrap. Pallets slide into grooves on the top cap surface for secure stacking. All pallet and top cap systems are designed for use with straight wall containers (see pages 29-34). Two top cap options are available: Structural foam caps provide heavy-duty strength, vacuum formed caps are light and resist impact.

Top caps create a stable load for shipping, handling, and storage.

Romeo Series
6-rail base
48" x 45"
- 6 rails on base
- Structural foam construction
- Stacks on upright, 48" x 45" bulk box
- Optional built-in Pallet Lock “seat belt” retractor secures the load
- 4-way entry accommodates fork trucks and pallet jacks
- Standard 1" lip helps prevent load shifting
- 2 or 4 pallet lock retractors
- OPTIONS p. 14: ID tags, molded-in logo, RFID, 2 or 4 pallet lock retractors

Ohio Series
5-rail base
48" x 45"
- 5 rails on base
- Structural foam construction
- Optional built-in Pallet Lock “seat belt” retractor secures the load
- Standard 3/4" lip helps prevent load shifting
- OPTIONS p. 14: Spray coating, 2 or 4 Pallet Lock retractors, ID tags, molded-in logo, RFID

Straight Wall Pallet
Edge Rackable to 2,500 lbs.
48" x 45"
48" x 40"
- Structural foam pallet and cap
- Solid or ventilated deck styles
- Optional built-in Pallet Lock “seat belt” retractor secures the load
- Standard 1/2" lip helps prevent load shifting
- OPTIONS p. 14: Steel or combination plastic & steel runners, corner hit plates, ID tags, molded-in logo, RFID

Model No. PR48450533
- Dim: L 49" x W 45.75" x H 5"
- Color: Black

Model No. PO48450632
- Dim: L 48" x W 45" x H 6"
- Color: Black

Model No. PW48450622
- Dim: L 47.62" x W 44.75" x H 6.38"
- Color: Black

Model No. PW48400622
- Dim: L 47.62" x W 39.75" x H 6.38"
- Color: Black

Model No. TO48450300
- Dim: L 48.75" x W 45.25" x H 2.75"
- Construction: Structural Foam
- Color: Black

Model No. TR48450200
- Dim: L 49" x W 46" x H 2"
- Construction: Structural Foam
- Color: Black

Model No. TV48450300
- Dim: L 49.13" x W 46.13" x H 2.75"
- Construction: Vacuum Formed
- Color: Black

Model No. TV48450300
- Dim: L 48.56" x W 41.63" x H 2.25"
- Construction: Structural Foam
- Color: Black

Model No. TV48400200
- Dim: L 48.56" x W 40.63" x H 2.25"
- Construction: Structural Foam
- Color: Black

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**In Stock Items**

**= Edge Rackable  **= Not Edge Rackable
Universal Pallet with Flame Edge™ Fire Resistant Technology

The Universal Pallet with Flame Edge technology delivers added fire safety without compromising strength and durability. In recent Underwriters Laboratories flammability testing, the Buckhorn Universal Pallet performed equal to or better than most wood pallets, making it a cost-effective alternative to upgrading warehouse sprinkler systems to meet fire code requirements.

Universal Pallet with Flame Edge™ Technology provides superior long-term performance and durability with an edge-racking capacity of 2,800 lbs.

Universal Pallet – FE
Edge Rackable to 2,800 lbs.
48" x 40"

- Edge rackable to 2,800 lbs. with steel reinforcement rods to match heavy application requirements
- Molded with Flame Edge™ Technology to provide flame retardancy
- Angled 4-way entry points guide fork tines for easy handling
- Ventilated top deck with ergonomic hand-holds for easy lifting
- Low profile works with most racking and conveyors. Meets GMA standards
- Replaceable bottom deck
- OPTIONS p. 14: Molded-in logos and hot stamps, RFID, molded-in logo, 2 pallet lock retractors

Edge rackable situations vary by rack style, pallet orientation and load. Please consult Buckhorn for suitability in your specific application.

Model No. PU48400633109 (1)
Dim: L 48" x W 40" x H 5.5"*
Color: Black
Pallet Options

Customize your pallets for maximum efficiency and increased versatility with a variety of pallet options. Not all options are available on every product. Ask your Buckhorn Sales Representative or call Customer Service at 800-543-4454 to discuss your specific requirements.

Spray Coating
Designed for use with corrugated boxes, spray coating is an anti-skid surface texture that prevents slippage. Minimum order applies.

Diamond Deck
The anti-skid design molded into the deck of the pallet provides a textured surface to prevent corrugated boxes from shifting. Available on all solid top Heavy-Duty Nestable and Medium-Duty Rackable 3 and 6-rail pallets.

Interlocking Lip
Reduces slippage of load and secures empty pallets when stacked during transport. See individual product listing for optional lip height. Available on all pallets except Medium-Duty Stackable.

Anti-Skid Rubber Plug System
Rubber plugs on the top surface provide an anti-skid surface reducing plastic container load shifting. For use on all Light-Duty, Medium-Duty Nestable, Heavy-Duty and Universal pallets.

ID Systems
- Hot Stamp applications
- Molded-in logo applications
- Bar coding
- Plastic ID tags
- RFID

Pallet Lock “Seat Belt” System
Provide additional security for pallet loads. Available on the Ohio, Romeo, and Straight Wall Container pallets.

Spray Coating
Minimum order applies. Prevents slippage.

Diamond Deck
Designed for handling ease, secure movement of stacked pallets, and reduced load slippage. Available on all pallets.

Interlocking Lip
Eliminates foot holds of stacked pallets, and provides additional security for pallet load stability.

Anti-Skid Rubber Plug System
Rubber plugs on the top surface provide an anti-skid surface reducing plastic container load shifting. For use on all Light-Duty, Medium-Duty Nestable, Heavy-Duty and Universal pallets.

ID Systems
- Hot Stamp applications
- Molded-in logo applications
- Bar coding
- Plastic ID tags
- RFID

Pallet Lock “Seat Belt” System
Provide additional security for pallet loads. Available on the Ohio, Romeo, and Straight Wall Container pallets.

ID Systems
- Hot Stamp applications
- Molded-in logo applications
- Bar coding
- Plastic ID tags
- RFID

Pallet Options
- Heavy-Duty Pallets
  - Stock color: Black
  - PH-HO400530 also available in Lt. Gray
  - Optional 1/4" lip

- Universal Pallet
  - Stock color: Black
  - Both the 48” x 40” and the 48” x 42” pallets come with no lip, 1/4” or 1” lip

Add an ID System to track inventory or a perimeter lip (shown) for better load stability.

Pallet Specifications
- Dynamic and edge rack capacities are based on equally distributed loads, such as bagged product
- Elevated temperatures and concentrated loads can affect capacity
- Pallets are not edge rackable unless otherwise noted
- Capacity is dependent upon application and use environment. Check with Buckhorn or test under actual conditions to determine suitability in your application.

Heavy-Duty Pallets
- Stock color: Black
- PH-HO400530 also available in Lt. Gray
- Optional 1/4" lip

Universal Pallet
- Stock color: Black
- Both the 48” x 40” and the 48” x 42” pallets come with no lip, 1/4” or 1” lip

= In Stock Items

---

Add an ID System to track inventory or a perimeter lip (shown) for better load stability.

Pallet Options

Customize your pallets for maximum efficiency and increased versatility with a variety of pallet options. Not all options are available on every product. Ask your Buckhorn Sales Representative or call Customer Service at 800-543-4454 to discuss your specific requirements.

Spray Coating
Designed for use with corrugated boxes, spray coating is an anti-skid surface texture that prevents slippage. Minimum order applies.

Diamond Deck
The anti-skid design molded into the deck of the pallet provides a textured surface to prevent corrugated boxes from shifting. Available on all solid top Heavy-Duty Nestable and Medium-Duty Rackable 3 and 6-rail pallets.

Interlocking Lip
Reduces slippage of load and secures empty pallets when stacked during transport. See individual product listing for optional lip height. Available on all pallets except Medium-Duty Stackable.

Anti-Skid Rubber Plug System
Rubber plugs on the top surface provide an anti-skid surface reducing plastic container load shifting. For use on all Light-Duty, Medium-Duty Nestable, Heavy-Duty and Universal pallets.

ID Systems
- Hot Stamp applications
- Molded-in logo applications
- Bar coding
- Plastic ID tags
- RFID

Pallet Lock “Seat Belt” System
Provide additional security for pallet loads. Available on the Ohio, Romeo, and Straight Wall Container pallets.

Spray Coating
Minimum order applies. Prevents slippage.

Diamond Deck
Designed for handling ease, secure movement of stacked pallets, and reduced load slippage. Available on all pallets.

Interlocking Lip
Eliminates foot holds of stacked pallets, and provides additional security for pallet load stability.

Anti-Skid Rubber Plug System
Rubber plugs on the top surface provide an anti-skid surface reducing plastic container load shifting. For use on all Light-Duty, Medium-Duty Nestable, Heavy-Duty and Universal pallets.

ID Systems
- Hot Stamp applications
- Molded-in logo applications
- Bar coding
- Plastic ID tags
- RFID

Pallet Lock “Seat Belt” System
Provide additional security for pallet loads. Available on the Ohio, Romeo, and Straight Wall Container pallets.

ID Systems
- Hot Stamp applications
- Molded-in logo applications
- Bar coding
- Plastic ID tags
- RFID

Pallet Options
- Heavy-Duty Pallets
  - Stock color: Black
  - PH-HO400530 also available in Lt. Gray
  - Optional 1/4" lip

- Universal Pallet
  - Stock color: Black
  - Both the 48” x 40” and the 48” x 42” pallets come with no lip, 1/4” or 1” lip

Add an ID System to track inventory or a perimeter lip (shown) for better load stability.

Pallet Specifications
- Dynamic and edge rack capacities are based on equally distributed loads, such as bagged product
- Elevated temperatures and concentrated loads can affect capacity
- Pallets are not edge rackable unless otherwise noted
- Capacity is dependent upon application and use environment. Check with Buckhorn or test under actual conditions to determine suitability in your application.

Heavy-Duty Pallets
- Stock color: Black
- PH-HO400530 also available in Lt. Gray
- Optional 1/4" lip

Universal Pallet
- Stock color: Black
- Both the 48” x 40” and the 48” x 42” pallets come with no lip, 1/4” or 1” lip

= In Stock Items

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Add an ID System to track inventory or a perimeter lip (shown) for better load stability.
<table>
<thead>
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<th>Model No.</th>
<th>Description</th>
<th>Dimensions</th>
<th>Weight</th>
<th>Weight Capacity</th>
<th>Fork Trolley Dimensions</th>
<th>Return Ratio</th>
<th>Track Capacity</th>
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