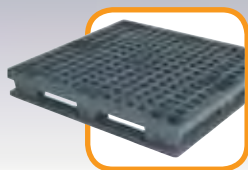




REUSABLE

Packaging Solutions



 **BUCKHORN™**

Packaging Your Future

Table of Contents



No matter what you are packaging and shipping, Buckhorn's reusable container and pallet systems fit a variety of material handling and storage applications from manufacturing to distribution to retail.

A wide range of sizes and styles are available to fit the precise requirements of your application – while providing superior product protection, reducing packaging costs and improving supply chain efficiency.

For assistance in planning and cost analysis of a reusable packaging program for your material handling, call (800) 543-4454.


Buckhorn: Packaging Your Future, Growing Your Business!	3-5
Pallets	6-11
Overview & Options	6
Heavy-Duty Pallet Series	7
Medium- & Standard-Duty Pallet Series	8
Light-Duty Pallet Series	9
Pallet & Top Cap Systems	10-11
Bulk Containers	12-23
Overview	12-13
32" x 30" Bulk Containers	14
48" x 40" Bulk Containers	15
48" x 45" Bulk Containers	16-17
Extended Length Bulk Containers & Transport Tubs	18
Extended Height Bulk Containers & HighWall Series	19
Center Flow Bulk Container	20-21
DunnageReady™ Bulk Containers	22
Bulk Container Options & Accessories	23
Hand-Held Containers	24-37
Straight Wall Containers, Pallets & Top Caps	24-26
48" x 45" & 32" x 30" Modular Nesting Container & Pallet Systems	27-28
Bi-Color Stack & Nest Totes	29
Stack & Nest Totes	30
Attached Lid Containers	32-35
20" x 12", 21" x 15", 22" x 13", 24" x 20",	
25" x 15" SecureTote™, 27" x 17", 28" x 21" & 34" x 24"	
Detached Lid Containers (21" x 15", 24" x 20")	36-37
Intermediate Bulk Containers (IBCs)	38-41
Overview	38
Caliber® Series IBCs	38-39
Citadel™ & Citadel-v™ IBCs	40-41
Agricultural Containers	42-43
Bulk Agricultural Containers	42
Hand-Held Agricultural Containers	43
Food Handling Containers	44-46
NestPacs & ChillPacs	44
MultiPacs & ChillTrays	45
Specialty Food Containers	46
JumboLugs, Sanitainers	
Bakery Trays	47-49
Overview	47
Multi-Level Trays	47
Single-Level Trays	48
Stack & Nest MultiTrays	48
Plastic & Steel Dollies	49
Custom Work Centers & Transport Products	50-51
Custom Molding	52
Custom Interior Dunnage	53
Custom Colors & Identification Options	54
Sales Terms & Conditions	55
Product Index	56-57
About Myers Industries	58-59



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 = In Stock Items

Items identified by this symbol  are available for quick shipment in the color specified. Lead times may vary, please call Customer Service at (800) 543-4454 for details.

Visit the Buckhorn Web site for the latest news and product information, and to take our customer survey: www.buckhorninc.com

Packaging Your Future... Growing Your Business!

How do we package your future? . . .

An extensive selection of reusable containers and pallets designed to reduce your packaging costs and improve your material handling performance. Superior custom capabilities for containers or protective dunnage that fit your precise application. Comprehensive market knowledge, collaborative relationships, continuous innovation and robust solutions that add value at every step of your supply chain. Plus, a commitment to protect the global environment through not only reusable packaging systems, but also the use of environmentally friendly, 100% recyclable materials in ISO 14001-certified manufacturing facilities.



Put that package together and you get Buckhorn: your reliable, single source for high-quality, cost-effective reusable packaging and material handling systems that protect your products, improve workflow, lower operating costs and move more profit to your bottom line. That's the value promise the Buckhorn brand delivers for you — packaging and performance that satisfies your customers and ensures a healthy future for your business.

Joel A. Grant
Managing Director
North American
Material Handling Group

wide **Selection**

Buckhorn is well equipped to follow through on the advantage of single sourcing. Whether you ship automotive components,



harvest delicate produce or handle liquids, you can rely on our comprehensive selection of bulk containers, hand-held containers and distribution pallets in the sizes and styles you demand.

Innovation *designed around you*

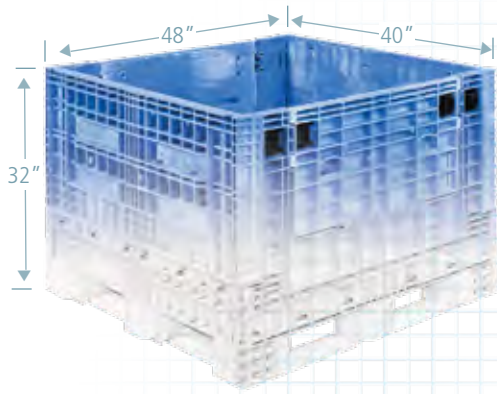
We are proud to lead the industry with packaging innovations that translate into customer value. The first plastic bakery tray; the first plastic attached lid distribution container; the first plastic bulk seed handling container; and the first reusable, integrated plastic container and pallet system to

be used by the automotive industry.



We are continuously listening to our customers, evaluating supply chain requirements and developing new products and systems to meet the current and future needs of the markets. Our attention to innovation opens up limitless opportunities to improve your productivity and profitability.





tailoring **Your Packaging** *system*

Rely on our dedicated Field Sales team, strategically located throughout the Americas, to work with you in selecting the optimal container system for size, performance and cost. These experts will apply a proprietary "Cost Analysis Program" to compare expenses from different packaging systems and calculate your savings and payback period with a Buckhorn reusable packaging program. Then, we will design your packaging program from the ground up!

Quality *means business*

Manufactured under rigorous ISO 9001 standards,



Buckhorn products are quality tested to ensure they continuously meet your performance expectations. In doing

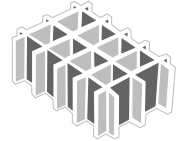
so, they optimize your material handling productivity and, ultimately, your customers' level of satisfaction.

priority #1 **Customer Care**

At Buckhorn, our Customer Service and Field Sales teams will do whatever it takes to meet or exceed your expectations. From reliable product quality and on-time delivery to custom engineering assistance and on-site training, our goal is to build long-term relationships. That process starts with our people, who are wholly dedicated to improving your business.



Customizing *your products*



If we don't have the product you need, our engineers will go to work with ideas to fit your product and application environment.

From design to prototype of a custom product or modification of an existing product – Buckhorn's manufacturing capabilities and materials expertise are unrivaled in the industry. That means you are guaranteed the best resources to meet your exact product and performance requirements.



Benefits *you can take to the bank!*

Crush your costs! By eliminating cardboard boxes and wood pallets from your supply chain, going "green and lean" with a reusable packaging system from Buckhorn yields an abundance of rewards to your business and the global environment. . .

- Superior Product Protection
- Improve Workflow
- Increase Productivity
- Better Ergonomics
- Maximize Space Usage
- Reduce Labor Costs
- Lower Transport Costs
- Ensure Product Quality
- Enhance Customer Satisfaction
- Less Solid Waste
- Cleaner & Safer Work Environments
- Preserve Natural Resources





Adding Value in many markets

From shipping bulky automotive assemblies to distributing pharmaceuticals, Buckhorn products and services are improving material handling efficiencies in transport, work-in-process, distribution picking, inventory, storage and many other applications across diverse markets:

- Agriculture
 - Appliance
 - Automotive
 - Automotive Aftermarket
 - Bakery
 - Chemical Processing
 - Electronics
 - Food Processing
 - Food Distribution
 - Grocery Distribution
 - General Manufacturing
 - General Merchandise Distribution
 - Industrial
 - Liquid Handling & Transport
 - Pharmaceuticals
 - Plastics Processing
 - Printing & Publishing
 - Retail Distribution
 - Textiles
- Plus Many More. . . !

Did You Know...?

The Hidden Costs of Cardboard Boxes:

- Products may be damaged as boxes are crushed from stacking
- Truck trailers are not fully cubed, resulting in wasted space and more trips
- Cardboard is one-way use, and is an expense every time you ship. It adds labor costs for breakdown and removal, plus disposal costs



More of What You Need to

Store, Organize & Transport!

Buckhorn's sister company, Akro-Mils, adds to an already comprehensive product selection to improve your productivity and profitability . . .



- AkroDrawers™
- EarthSaver™ Series
- ProHANGER™
- AkroBins®
- ShelfMax™

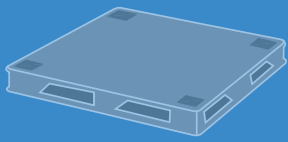
- Shelf Bins & Shelving Systems
- Bin Hanging Systems
- Cabinet & Pick Rack Systems
- Attached Lid Containers
- Wire Shelving Packages

- Nest & Stack Totes
- Dollies, Carts & Platform Trucks
- Work Benches & Work Tables
- Custom Molding & Metal Forming

Whether choosing bins, containers or carts – or creating a custom material handling system – Buckhorn and Akro-Mils products and services add value at every stage of your operation.

(800) 253-2467 www.akro-mils.com

AKRO-MILS®



Pallets

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 fit your material handling operations.

Manufactured by HDPE injection or structural foam molding, Buckhorn pallets deliver superior performance and economic value through:

- Hundreds of round trips for lower overall cost-per-trip
- Use in a variety of applications, from automotive and general manufacturing to food and retail products distribution
- Exceptional strength to withstand heavy loads and rough handling
- Lightweight design for safer handling
- Compatibility with automated systems
- Superior resistance to moisture, most chemicals and temperature extremes
- Use with temperatures of -20° to 120° F
- 100% recyclable construction for cost savings and environmental consideration



Buckhorn 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.

Pallets

Ventilated or Solid Deck Styles

Ventilated decks allow airflow and easy cleaning; solid decks offer maximum product security

Nestable & Stackable Styles

Maximum flexibility for your specific operations

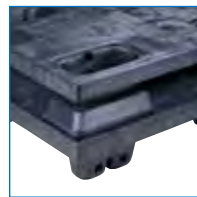


4-Way Entry

Allows efficient handling from any orientation by forklifts and pallet jacks

Pallet Options for Maximum Versatility

Ask your Buckhorn Sales Representative or call Customer Service to discuss your specific requirements.



Interlocking Lip

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



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.



Anti-Skid Rubber Plug System

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



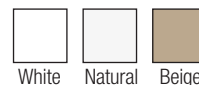
Perimeter Lip

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.

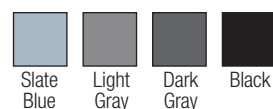
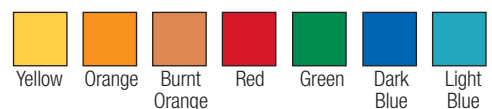


ID Systems

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

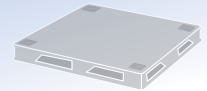


Colors*



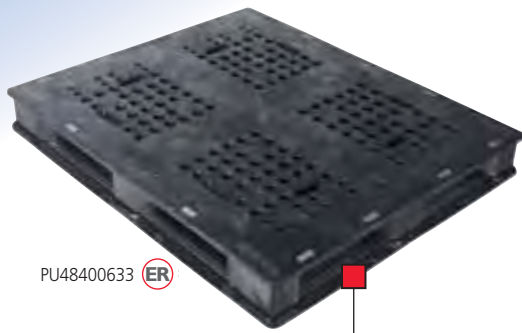
*Stock colors are Black or Light Gray, depending on model; custom colors available in quantity orders. Not all options are available in every product.

Heavy-Duty Pallet Series



Pallets

Universal Pallets



PU48400633 (ER)

Angled 4-Way Entry Points

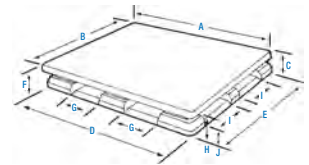
Guide fork tines for easy handling



Heavy-Duty Pallets are ideal for storing products on racks and freeing valuable floor space.



Buckhorn's Heavy-Duty Pallets are ideal for applications where added strength and capacity are required. The Universal Pallets and 6-rail Heavy-Duty Pallets can handle an evenly distributed 5,000-lb. dynamic load. The 3-rail Heavy-Duty pallets are designed to handle an evenly distributed, 4,000-lb. dynamic load.



Model No.	Description	Dimensions					Weight lbs.	Weight Capacity			Fork Tunnel Dimensions				Return Ratio	Truck Capacity	
		L"(A)	External W"(B)	H"(C)	Internal L"(D)	W"(E)		Static lbs.	Dynamic lbs.	Rack lbs.	48" side L"(G)	H"(H)	40" side L"(I)	H"(J)		48'	53'
PU48400633	48" x 40"	48	40	5.56	48	40	68.3	30,000	5000	2800	13.1	3.53	12	3.53	1:1	504	540
	mm/kg	1219	1016	141	1219	1016	31.0	13,612	2268	1270	332.7	1.6	305	90	—	—	—

Capacity is based on evenly distributed loads and is dependent upon application and use environment. Elevated temperatures and concentrated loads can affect capacity. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

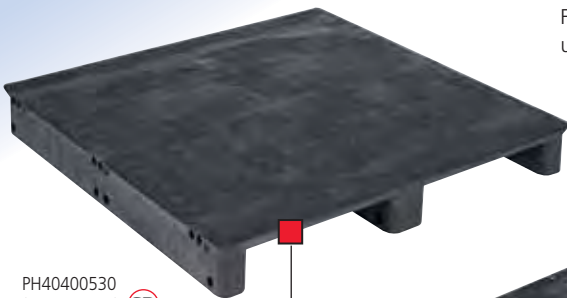
Universal Pallets 48" x 40"

- Edge rackable to 2,800 lbs. with standard steel reinforcing rods, 2,200 lbs. with optional plastic reinforcing rods*
- Choice of no lip or molded-in 1/4" or 1" lip for load stability
- Solid flat deck or vented deck with ergonomic handholds for easy lifting
- Options: Anti-skid rubber plugs on top deck, bottom rails and fork entry to stabilize loads; hot stamp or molded-in logo; RFID. **See page 6**
- Stock Color: Black

Heavy-Duty Pallets 3-Rail & 6-Rail Base 40" x 40", 48" x 40"

- Edge rackable up to 2,400 lbs., depending on rail configuration*
- 3-rail base for stacking stability
- 6-rail base increases dynamic load capacity to 5,000 lbs.
- Options: Anti-skid rubber plugs; up to 8 steel reinforcement rods; 1/4" lip; hot stamp; molded-in logo; handholds; ID tag or RFID. **See page 6**
- Stock Color: Black

Heavy-Duty Pallets

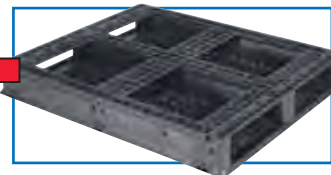


PH40400530 (2-Way entry) (SR)

Smooth, solid deck reinforced with steel rods

6-Rail Base

For edge racking up to 1,400 lbs.



PH48400633 (2-Way entry) (ER)

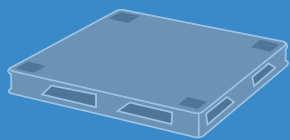
Model No.	Description	Dimensions					Weight lbs.	Weight Capacity			Fork Tunnel Dimensions				Return Ratio	Truck Capacity	
		L"(A)	External W"(B)	H"(C)	Internal L"(D)	W"(E)		Static lbs.	Dynamic lbs.	Rack lbs.	40" & 48" side L"(G)	H"(H)	40" side L"(I)	H"(J)		48'	53'
PH40400530	40" x 40", 3-Rail	40	40	5	39.5	39.5	46	30,000	4000	1600	15	3.9	RAIL	—	1:1	560	600
	mm/kg	1016	1016	127	1003	1003	20.9	13,612	1815	726	381	99	—	—	—	—	—
PH48400530	48" x 40", 3-Rail	48	40	5	47.5	39.5	54	30,000	4000	1600	15	3.9	RAIL	—	1:1	480	520
	mm/kg	1219	1016	127	1207	1003	24.5	13,612	1815	726	381	99	—	—	—	—	—
PH48400633	48" x 40", 6-Rail	48	40	6	47.5	39.5	70	30,000	5000	2400	15	3.9	RAIL	—	1:1	408	442
	mm/kg	1219	1016	152	1207	1003	31.7	13,612	2268	1089	381	99	—	—	—	—	—

Capacity is based on evenly distributed loads and is dependent upon application and use environment. Elevated temperatures and concentrated loads can affect capacity. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

(ER) = Edge Rackable
(SR) = Standard Rack
(NR) = Not Rackable unless fully supported

*See page 9 to learn more. Racking situations vary by rack style, pallet orientation and load. Please consult Buckhorn for suitability in your specific application.

[S] = In Stock Items



Pallets

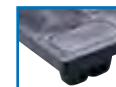
Buckhorn Medium- and Standard-Duty Pallets handle applications from manufacturing to food to distribution.

- Structural foam-molded to support heavy loads
- Medium-Duty pallets support loads up to 4,000 lbs. dynamic
- Standard-Duty pallets support loads up to 2,000 lbs. dynamic
- 4-way entry accommodates fork trucks and pallet jacks
- Medium-Duty models available with solid or ventilated decks
- Nestable models feature 9 reinforced feet for uniform load distribution
- Runners: Direction of runners indicates pallet jack compatibility
- Options: See note below chart

Medium- & Standard-Duty Pallet Series



PM48400600



Optional Footcovers

For stacking and display applications. PM models only



PM48400633

6 Rail Base

Edge rackable to 1,200 lbs.



PS48400600



PS48400633

Anti-Skid Surface

Solid, textured deck enhances load stability

Medium-Duty Pallets Nestable & Stackable 48" x 40", 48" x 45", 48" x 48"

- 6-Rail Stackable models are edge rackable*
- Stock Color: Black

Model No.	Description	Dimensions					Weight lbs.	Weight Capacity			Fork Tunnel Dimensions				Return Ratio	Truck Capacity	
		L"(A)	External W"(B)	H"(C)	L"(D)	Internal W"(E)		Static lbs.	Dynamic lbs.	Rack lbs.	48" side L"(G)	48" side H"(H)	40" side L"(I)	40" side H"(J)		48'	53'
PM48400600	48" x 40", Nestable	48	40	6	48	40	34	30,000	4000	N/R	9.9	4.3	11	4.3	3:1	728	840
	mm/kg	1219	1016	152	1219	1016	15.4	13,612	1815	N/R	251	108	802	108	—	—	—
PM48400633	48" x 40", 6-Rail	48	40	6.25	48	40	50	30,000	4000	1200	9.9	3.5	11.9	3.5	1:1	476	510
	2-way runners	1219	1016	159	1219	1016	22.7	13,612	1815	545	251	89	302	89	—	—	—
PM48450600	48" x 45", Nestable	48	45	6	48	45	38	30,000	4000	N/R	9.9	4.3	14.4	4.3	3:1	980	1050
	mm/kg	1219	1143	152	1219	1143	17.2	13,612	1815	N/R	251	108	365	108	—	—	—
PM48450633	48" x 45", 6-Rail	48	45	6.25	48	45	55	30,000	4000	1200	9.9	4.5	14	3.5	1:1	408	442
	2-way runners	1219	1143	159	1219	1143	25	13,612	1815	545	251	114	365	89	—	—	—
PM48480600	48" x 48", Nestable	48	48	6	48	48	40	30,000	4000	N/R	9.9	4.3	15.9	4.3	3:1	850	960
	mm/kg	1219	1219	152	1219	1219	18.2	13,612	1815	N/R	251	108	403	108	—	—	—
PM48480630	48" x 48", 3-Rail	48	48	5	48	48	55	30,000	4000	N/R	9.9	4.5	16	4.5	1:1	374	408
	1-way runners	1219	1219	127	1219	1219	24.9	13,612	1815	N/R	251	114	403	114	—	—	—

Standard-Duty Pallets Nestable & Stackable 48" x 40"

- 6-Rail Stackable model features 2-piece design; allows components to be replaced without purchasing a new pallet
- Stock Color: Black

Model No.	Description	Dimensions					Weight lbs.	Weight Capacity			Fork Tunnel Dimensions				Return Ratio	Truck Capacity	
		L"(A)	External W"(B)	H"(C)	L"(D)	Internal W"(E)		Static lbs.	Dynamic lbs.	Rack lbs.	48" side L"(G)	48" side H"(H)	40" side L"(I)	40" side H"(J)		48'	53'
PS48400600	48" x 40", Nestable	48.56	40.56	5	48.56	40.56	29	30,000	2000	N/R	10.75	3.6	11.06	3.6	3:1	1456	1560
	mm/kg	1233	1030	127	1233	1030	13.2	13,612	907	N/R	273	92	281	92	—	—	—
PS48400633	48" x 40", 6-Rail	48	40	5.50	48	40	50	20,000	1500	N/R	16	3.4	12	3.4	1:1	374	408
	2-way runners	1219	1016	140	1219	1016	22.7	9,074	680	N/R	406	86	305	86	—	—	—

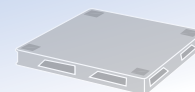
Capacity is based on evenly distributed loads and is dependent upon application and use environment. Elevated temperatures and concentrated loads can affect capacity. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. **OPTIONS:** Anti-skid diamond deck; spray coating; 5/8" lip; 1" lip on Standard-Duty Nestable; hot stamp; molded-in logo; ID tags; RFID. See page 6 or contact Buckhorn for more option details. **All dimensions are approximate.**

= In Stock Items

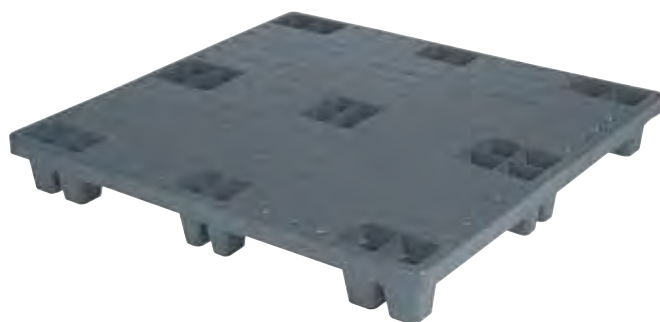
= Edge Rackable
 = Standard Rack
 = Not Rackable unless fully supported

*See page 9 to learn more. Racking situations vary by rack style, pallet orientation and load. Please consult Buckhorn for suitability in your specific application.

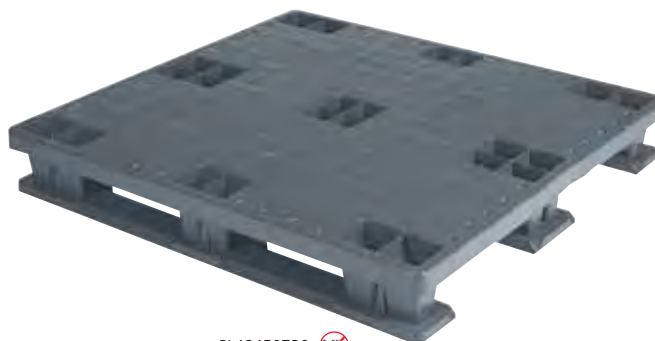
Light-Duty Pallet Series



Pallets



PL48450600



PL48450730

Buckhorn Light-Duty Pallets are ideal for a wide variety of shipping applications – from automotive and general manufacturing to food and retail product distribution.

- Injection-molded and weigh between 19 lbs. and 29 lbs., allowing safe manual handling
- **Nestable and 3-Rail Stackable** models support loads up to 1,200 lbs. dynamic
- **5-Rail Stackable** models support loads up to 2,500 lbs. dynamic
- Nestable models feature 9 reinforced feet for uniform load distribution
- Solid or ventilated deck styles
- 4-way entry accommodates fork trucks and pallet jacks

Model No.	Description	Dimensions					Weight lbs.	Weight Capacity			Fork Tunnel Dimensions				Return Ratio	Truck Capacity	
		L"(A)	External W"(B)	H"(C)	Internal L"(D)	Internal W"(E)		Static lbs.	Dynamic lbs.	Rack lbs.	48" side L"(G)	H"(H)	40" & 45" side L"(I)	H"(J)		48'	Capacity 53'
<div>S</div> <div>PL48400600</div>	48" x 40", Nestable	48	40	6	48	40	19	10,000	1200	N/R	12	4	12	4	2:1	952	1020
	mm/kg	1219	1016	152	1219	1016	8.6	4537	544	N/R	305	102	305	102	—	—	—
<div>PL48400730</div>	48" x 40", 3-Rail	48	40	6.5	48	40	27	10,000	1200	N/R	12	3.5	12	3.5	1:1	448	480
	1-way runners	1219	1016	165	1219	1016	12.2	4537	544	N/R	305	89	305	89	—	—	—
<div>PL48400732</div>	48" x 40", 5-Rail	48	40	6.5	48	40	29	10,000	2500	N/R	12	3.5	12	3.5	1:1	448	480
	2-way runners	1219	1016	165	1219	1016	13.1	4537	1134	N/R	305	89	305	89	—	—	—
<div>PL48450600</div>	48" x 45", Nestable	48	45	6	48	45	21	10,000	1200	N/R	12	4	12	4	2:1	816	952
		1219	1143	152	1219	1143	9.5	4537	544	N/R	305	102	305	102	—	—	—
<div>PL48450730</div>	48" x 45", 3-Rail	48	45	6.50	48	45	28	10,000	1200	N/R	12	3.5	14.5	3.5	1:1	384	416
	1-way runners	1219	1143	165	1219	1143	12.7	4537	544	N/R	305	89	368	89	—	—	—

Capacity is based on evenly distributed loads and is dependent upon application and use environment. Elevated temperatures and concentrated loads can affect capacity. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. **All dimensions are approximate.**

Light-Duty Pallets

48" x 40", 48" x 45"

- Options: Anti-skid rubber plugs; 3/8" perimeter lip; hot stamp; molded-in logo; RFID. See page 6 or contact Buckhorn for more option details
- Stock Colors –
PL4840 Nestable: Black, Light Gray
PL4845 Nestable: Light Gray

A Primer on Pallet Racking

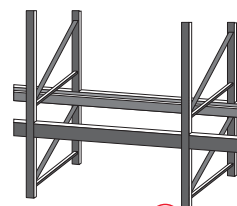
Some Buckhorn pallets are suitable for storage in racks – but not all racks are created equal. To determine pallet capacity limitations, it is important to understand the different pallet rack types available, the orientation of the pallet in the rack and how the pallet will be supported. Please review this list of rack types and consult Buckhorn to select the best pallet to fit your specific application.

NOTE: For all unsupported edge rack situations, Buckhorn recommends testing any pallet proposed in the application prior to implementation of the full system.

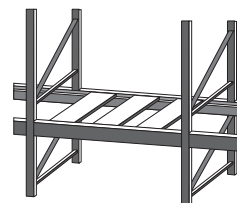
Edge Rackable (Unsupported) – When racked, the pallet gets support only on two edges of the pallet with no central support. This could be a drive-in rack or a standard/structural rack with no center support; different capacities apply depending on the rails and orientation of the pallet in the rack. Only select pallets are suitable for this true edge-rack storage.

Standard Rack (Partially Supported) – When racked, the pallet gets support on the front and back edge, as well as central support from a 2" x 4" wood plank or other support positioned perpendicular to the rails.

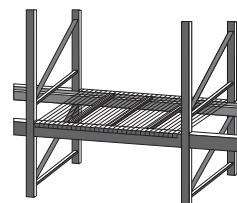
Not Rackable (Full Support) – Lightweight and medium-duty pallets are designed only for floor loading or to stack on other pallets. These pallets are not recommended for racking unless the rack system is fully supported by wire/mesh or other decking to provide equivalent support the pallet would receive on the floor.



Unsupported



Partially Supported



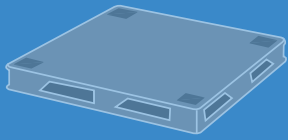
Full Support

Did You Know...?

Wooden Pallets Chip Away Your Profits

- Easily splinter and break – high replacement costs
- Nails and splinters damage products and injure workers
- Short life cycle – fewer round trips than plastic pallets





Pallets

Buckhorn Heavy-Duty Pallets and Top Caps secure container loads for stacking and shipping.

- Optional built-in Pallet Lock seat belts wrap around the containers and lock into the top cap for more load stability
- Pallets lock into ribs on the top cap surface for secure stacking

Pallet & Top Cap Systems



Compatible with
RFID Systems



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

Did You Know...?

Our Romeo Pallet will stack on any 48" x 45" Bulk Container for convenient, mixed load shipping.

Romeo Series 6-Rail Base 48" x 45"

- Structural foam pallet and cap
- Vacuum-formed cap (TV) is lightweight and resists impact
- Standard 1" lip helps to secure loads from shifting
- Options: ID tags, molded-in logo, RFID, 2 or 4 Pallet Lock retractors
See page 6



PR48450533

4-Way Entry

Accommodates fork trucks and pallet jacks



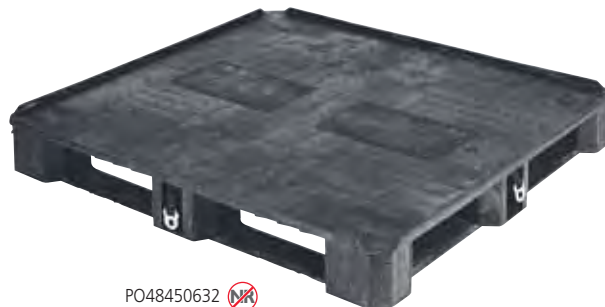
TR48450200



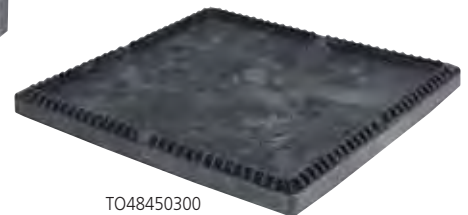
TV48450300

Ohio Series 5-Rail Base 48" x 45"

- Structural foam pallet and cap
- Standard 3/4" lip helps prevent load shifting
- Options: ID tags, molded-in logo, RFID, 2 or 4 Pallet Lock retractors
See page 6



PO48450632



TO48450300

Straight Wall Pallet 5-Rail Base 32" x 30"

- Structural foam pallet and cap
- Unique size cubes with 32" x 15" x 7.5" Straight Wall Containers
- Standard, solid deck style with 1/2" lip to stabilize loads and reduce slipping
- Options: ID tags, molded-in logo, RFID, 2 Pallet Lock retractors
See page 6



PM32300632

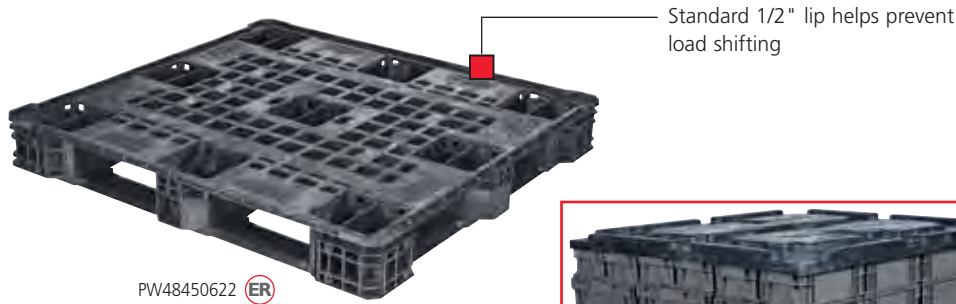
5 Rail Base

Provides even load distribution



TM32300300

Pallet & Top Cap Systems



PW48450622 (ER)



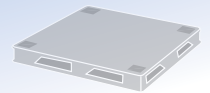
TW48450200



Did You Know...?

All Buckhorn Pallet and Top Cap systems are designed for use with Straight Wall Containers.

See pages 24-26



Pallets & Top Caps

Straight Wall Pallet 48" x 40", 48" x 45"

- Edge Rackable to 2,500 lbs.* (Optional center steel runner required)
- Structural foam pallet and cap
- Standard 1/2" lip helps prevent load shifting
- Options: Steel or combination plastic & steel runners, corner hit plates, Pallet Lock seat belt retractor, ID tags, molded-in logo, RFID

See page 6

Model No.	Description	Dimensions					Weight lbs.	Weight Capacity			Fork Tunnel Dimensions				Return Ratio	Truck Capacity	
		L"(A)	External W"(B)	H"(C)	Internal L"(D)	W"(E)		Static lbs.	Dynamic lbs.	Rack lbs.	L"(G) long side	H"(H) short side	L"(I)	H"(J)		48'	53'
[S] PM32300632	32" x 30", 1/2" Lip	32	30	6	31.40	29.40	25.7	20,000	3000	N/R	9	3.7	8.7	3.7	1:1	864	960
	mm/kg	813	762	152	798	747	11.7	9074	1361	N/R	229	94	221	94	—	—	—
[S] PO48450632	48" x 45", 3/4" Lip	48.75	45.75	6	48	45	58	30,000	3000	N/R	13.12	3.65	13.45	3.65	1:1	408	442
		1238	1162	152	1219	1143	26.3	13,612	1361	N/R	333	93	342	93	—	—	—
[S] PR48450533	48" x 45", 1" Lip	49	45.75	5	48	44.75	63	32,000	8000	N/R	8.75	3.5	11.2	3.5	1:1	408	442
		1245	1162	127	1219	1137	28.6	14,519	3630	N/R	222	89	284	89	—	—	—
[S] PW48400622	48" x 40", 1/2" Lip	47.62	39.75	6.38	45.87	38	42.35	20,000	7000	2400*	11.75	3.38	10.38	3.38	1:1	420	450
		1210	1010	162	1165	965	19.2	9074	3176	1089	298	86	264	86	—	—	—
[S] PW48450622	48" x 45", 1/2" Lip	47.62	44.75	6.38	45.87	43.25	45.31	20,000	7000	2400*	11.88	3.38	10.38	3.38	1:1	360	390
		1210	1137	162	1165	1099	20.6	9074	3176	1089	302	86	264	86	—	—	—

*OPTIONAL CENTER STEEL RUNNER REQUIRED

Model No.	Description	Dimensions					Top Cap Weight lbs.	Return Ratio	Compatible Pallet
		L"(A)	External W"(B)	H"(C)	Internal L"(D)	W"(E)			
[S] TM32300300	32" x 30" (SF)	33	31	2.5	32.5	31.50	9.8	1:1	PM32300632
	mm/kg	838	787	64	826	800	4	—	—
TR48450200	48" x 45" (SF)	49	46	2	48.5	45.50	22	1:1	PR48450733
		1245	1168	51	1232	1156	10	—	—
TO48450300	48" x 45" (SF)	49.13	46.13	2.75	48.38	45.38	25	1:1	PO48450632, PR48450733
		1248	1172	70	1229	1153	11	—	—
[S] TV48450300	48" x 45" (VF)	49	46	3	48.5	45.50	15	1:1	PO48450632, PR48450733
		1245	1168	76	1232	1156	7	—	—
[S] TW48400200	48" x 40" (SF)	48.56	40.63	2.25	48.17	40.24	22.9	1:1	PW48400722
		1233	1032	57	1224	1022	10	—	—
[S] TW48450200	48" x 45" (SF)	48.63	45.63	2.25	48.24	45.23	24.8	1:1	PW48450722
		1235	1159	57	1225	1149	11	—	—

Capacity is based on evenly distributed loads and is dependent upon application and use environment. Elevated temperatures and concentrated loads can affect capacity. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate. (SF) = Structural Foam (VF) = Vacuum Formed

(ER) = Edge Rackable
(SR) = Standard Rack
(NR) = Not Rackable unless fully supported

*See page 9 to learn more. Racking situations vary by rack style, pallet orientation and load. Please consult Buckhorn for suitability in your specific application.

[S] = In Stock Items

Bulk Containers

Collapsible Bulk Containers

Did You Know...?

The Buckhorn XT Series Containers (formerly Xytec) were the first plastic collapsible bulk boxes?

Buckhorn's complete selection of Bulk Containers are ideal for a broad range of material handling applications. From automotive and appliance components to stampings and food products, these industry-leading reusable containers allow you to ship, handle and dispense your products while increasing productivity and profitability!

- **Extensive selection!**
 - 32" x 30"
 - 48" x 40"
 - 48" x 45"
 - Extended Length
 - Extended Height
 - Transport Tubs
 - Custom Containers
- **XT (formerly Xytec) Series** further expands sizes and options
- **Intermediate Bulk Containers (IBCs)** for liquid or dry applications
See page 38
- Capacities for any application from 1,000 to 3,000 lbs.*
- Secure, positive stacking improves product protection and safety
- Features such as 4-way entry and drop doors improve ergonomics and handling efficiency
- Superior durability for reliable performance
- Use with temperatures of -20° to 120° F
- Many options available to customize your container
See page 23
- Backed by a 3-year Limited Warranty
- 100% recyclable HDPE for environmental savings

Center Flow Bulk Container

Ideal for agricultural applications plus handling and dispensing resins, small parts and more

See pages 20-21

Identification Areas

For plates, tags and cardholders

Reinforced Bases & Legs

Maximize durability

Stack-Only Styles

Big Box Series and other stack-only styles fit a wide range of applications, from food to small parts

See page 42

Transport Tubs

The perfect solution for handling heavy, dense loads. One-piece construction for durability

See page 17

High Return Ratio



Buckhorn containers collapse flat in seconds and stack for storage and return shipment – optimizing space usage and saving money on return freight.

Custom Dunnage



Buckhorn's packaging experts are ready to assist in developing custom dunnage to maximize your product protection.

Easy Set-up & Collapse



Handhold areas on panels provide a comfortable grip for panel movement.

*Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice.



Tell us what you think!
Take our online survey at
www.buckhorninc.com



Liquid Handling IBCs

Multiple sizes and styles to fit any application with the Citadel™ and Caliber® lines; an integrated fitment (in the base of some models) allows for efficient emptying **See page 38**

Post & Pocket Panels

Interlocking side panels on Heavy-Duty and some Industry Standard rated models form continuous reinforcing ribs for greater corner strength and superior load handling in tough applications

Locking Latches

Spring loaded, sliding latches automatically lock hinged sidewalls and access doors (on XT Series and other select models)

Did You Know...?

Buckhorn's Bulk Containers are subjected to rigorous AIAG and ASTM tests in our in-house lab.

Easy Handling

Fork access on four sides allows efficient maneuvering in trailers and storage areas

Drop Doors

Access doors on two sides for quick, easy loading or retrieval of contents

DunnageReady™ Bulk Containers

Unique design and versatility for transporting components to line side operations **See page 22**

XT Series

The XT (formerly Xytec) Series from Buckhorn expands the range of sizes and styles of bulk containers for superior selection!

These containers incorporate all of the exceptional qualities that make Buckhorn containers an unsurpassed value: durable structural foam construction, ease of use, a wide range of options and unmatched customer support.

- New sizes added in 3230, 4840 and 4845 lines
- Multiple options available within footprints
- Custom extended height styles
- Collapsible and stack-only (Big Box Series - see page 42)



Bulk Containers

Buckhorn's 3230 Bulk Containers are industry leaders in small footprint bulk containers. They incorporate durable sidewalls and high-strength bases with 4-way forklift access for secure and efficient handling of small parts, resins, dry powders and other materials.

Industry Standard

- **BS, BC and BF model containers** rated for load capacities up to 1,800 lbs.
- **BS model containers** feature the post-and-pocket interlocking side panel design for durability and optional steel corner hit plates for greater protection from fork lift damage
- **BC model containers** feature locking latches on sidewalls and drop doors, and all-plastic runners
- Wide range of heights available
- 0 or 2 drop doors available on select models

3230 Collapsible Bulk Containers

XT Series BF & BC Models

BC323025

BC323034

BF323017
(Fixed Wall)

The BF323017 is uniquely designed to efficiently deliver small parts and dense components to line operations



BS323034

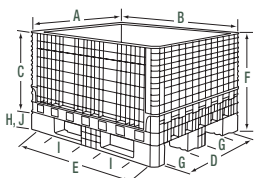
Did You Know...?

Buckhorn's BS3230 Series containers are the only ones on the market that are available with steel runners, making them more suitable for rigorous, heavy-duty applications.

BS3230 Series Containers

Perfect for rigorous applications with steel runners, corner hit plates and interlocking sidewalls

3230 Bulk Containers



- Stock Colors – BS / BC / BF: Black

- Options: Lids, ID systems, colors, dunnage
- See page 23

		Dimensions						Weight lbs.	Capacity			Fork Tunnel Dimensions				Return Ratio	Truck Capacity				
Model No.	Description	L"(A)	Outside W"(B)	H"(C)	L"(D)	Inside W"(E)	H"(F)*		Weight lbs.	Volume cu.ft.	gal.	32" W"(G)	H"(H)	30" W"(I)	H"(J)		48' Opened	Collapsed	53' Opened	Collapsed	
S	BF323017	32" x 30" x 17"	31.9	29.8	16.9	29.4	27.3	9.4	46	1800	4.4	33	10.6	4.0	7.1	1.75	1:1	324	—	360	—
		mm/kg/m³/l	809	757	429	747	693	239	21	817	.125	125	269	102	180	44	—	—	—	—	—
	BC323025	32" x 30" x 25"	31.9	29.8	24.9	29.4	27.3	17.4	62	1800	8.4	63	10.6	4.0	7.1	1.75	1.8:1	216	378	240	420
S			809	757	632	747	693	442	28	817	.238	238	269	102	180	44	—	—	—	—	—
	BC323034	32" x 30" x 34"	31.9	29.8	33.9	29.4	27.3	26.6	78	1800	12.3	92	10.6	4.0	7.1	1.75	2.4:1	162	378	180	420
			809	757	861	747	693	676	35	817	.348	348	269	102	180	44	—	—	—	—	—
S	BS323025	32" x 30" x 25"	32.13	30	25	29.12	27	18.37	75	1800	8.36	63	10.25	3.63	7.81	3.94	1.9:1	216	432	240	480
			816	762	635	740	686	467	34	817	.237	237	260	92	198	100	—	—	—	—	—
	BS323030	32" x 30" x 30"	32.13	30	30	29.12	27	23.37	83	1800	10.63	80	10.25	3.63	7.81	3.94	1.6:1	162	378	180	420
S			816	762	762	740	686	594	38	817	.301	301	260	92	198	100	—	—	—	—	—
	BS323034	32" x 30" x 34"	32.13	30	34	29.12	27	27.37	91	1800	12.45	93	10.25	3.63	7.81	3.94	2.2:1	162	378	180	420
			816	762	864	740	686	695	41	817	.353	353	260	92	198	100	—	—	—	—	—
S	TS323002	Lid (SF)	32.75	30.75	2.5	—	—	—	10.87	—	—	—	—	—	—	—	Fits BS3230 and BC3230 Series Containers				
			832	781	64	—	—	—	5	—	—	—	—	—	—	—	—	—	—	—	—

*Useable height. Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate. (SF) = Structural Foam Bulk Container capacities are based on equally distributed loads. Elevated temperatures and concentrated loads may affect capacity. Note: Model numbers do not indicate drop doors. Please specify number of drop doors when ordering.

[S] = In Stock Items

4840 Collapsible Bulk Containers

XT Series BI Models



BI484034



BG484046

Extra Deep Drop Door
Available on the 48" long side,
46" tall model



BH484025



Bulk Containers

Buckhorn's 4840 Collapsible Containers deliver the versatility material handling professionals demand! Available in a wide range of styles, the 4840's fit an array of applications for significant cost savings.

Heavy-Duty

- **BH model containers** rated for load capacities up to 2,500 lbs.
 - Reinforced base with 3 steel runners for durability
 - Post-and-pocket side panels interlock for strength
 - Steel corner hit plates deflect fork tines
 - Up to 2 drop doors

Industry Standard

- **BI model containers** rated for load capacities up to 1,800 lbs.
 - Locking latches for sidewalls and drop doors
 - Up to 2 drop doors on 48" side

General Purpose

- **BG model containers** rated for load capacities up to 1,200 lbs.
 - Locking latches secure panels and doors
 - Drop doors on up to 4 sides on the 33" and 46" heights
 - 9 feet or 5 plastic runners

4840 Bulk Containers

- **Stock Colors** – BG: Light Gray, Blue, Taupe available depending on size
BH: Black
BI: Black
BI484039: Also available in Lt. Gray
Lids: Black

- **Options:** Lids, ID systems, colors, dunnage
See page 23

		Dimensions						Capacity				Fork Tunnel Dimensions				Truck Capacity					
Model No.	Description	L"(A)	Outside W"(B)	H"(C)	L"(D)	Inside W"(E)	H"(F)*	Weight lbs.	Weight lbs.	Capacity cu.ft.	Volume gal.	W"(G)	48" side H"(H)	W"(I)	40" side H"(J)	Return Ratio	48" Opened	48" Collapsed	53" Opened	53" Collapsed	
[S]	BG484025†	48" x 40" x 25"	48	40	25	45	37	18	100	1200	19.22	144	13	4	12	4	2:1	112	224	120	240
	mm/kg/m³/l	1219	1016	635	1143	940	457	45	544	.544	544	330	102	305	102	—	—	—	—	—	
	BG484033†	48" x 40" x 33"	48	40	33	45	37	27	120	1200	28.3	212	13	4	12	4	2.7:1	84	224	90	240
[S]	BG484033†	48" x 40" x 33"	1219	1016	838	1143	940	686	54	544	.801	801	330	102	305	102	—	—	—	—	—
	BG484046†	48" x 40" x 46"	48	40	46	45	37	40	145	1200	38.5	288	13	4	12	4	3.6:1	56	224	60	240
		1219	1016	1168	1143	940	1016	66	544	1.091	1091	330	102	305	102	—	—	—	—	—	
[S]	BH484025	48" x 40" x 25"	47.62	39.75	25.50	44	36.25	18.25	130	2500	16.85	126	11.75	3.16	10.38	4.13	2.1:1	104	196	120	210
		1210	1010	648	1118	921	464	59	1134	.477	477	298	80	264	105	—	—	—	—	—	
	BH484030	48" x 40" x 30"	47.62	39.75	29.87	44	36.25	22.50	140	2500	20.77	155	11.75	3.16	10.38	4.13	2.5:1	78	196	90	210
[S]	BH484030	48" x 40" x 30"	1210	1010	759	1118	921	572	64	1134	.588	588	298	80	264	105	—	—	—	—	—
	BH484034	48" x 40" x 34"	47.62	39.75	33.87	44	36.25	26.50	149	2500	24.46	183	11.75	3.16	10.38	4.13	3:1	78	196	90	210
		1210	1010	860	1118	921	673	68	1134	.693	693	298	80	264	105	—	—	—	—	—	
[S]	BI484034	48" x 40" x 34"	47.5	39.5	34.1	44.3	36.2	26.6	120	1600	24.7	185	13.1	4.0	11.1	4.0	2.3:1	84	196	90	210
		1207	1003	866	1125	919	676	54.4	726	.699	699	333	102	282	102	—	—	—	—	—	
	BI484039	48" x 40" x 39"	47.5	39.5	39.5	44.3	36.2	32.1	133	1600	29.8	223	13.1	4.0	11.1	4.0	2.6:1	56	196	60	210
[S]	BI484039	48" x 40" x 39"	1207	1003	1003	1125	919	815	61	726	.844	844	333	102	282	102	—	—	—	—	—
	TH484002	Lid (SF)	48.38	40.44	2.12	—	—	—	18.5	—	—	—	—	—	—	—	Fits BH4840 Series Containers				
		1229	1027	54	—	—	—	—	8	—	—	—	—	—	—	—	—	—	—	—	
[S]	TS484002	Lid (SF)	49.10	41.1	2	—	—	—	23	—	—	—	—	—	—	—	Fits BG4840 Series Containers				
		1247	1044	51	—	—	—	—	10	—	—	—	—	—	—	—	—	—	—	—	
	TV484002	Lid (VF)	49.10	41.1	2	—	—	—	14	—	—	—	—	—	—	—	Fits BI4840 Series Containers				
[S]		1247	1044	51	—	—	—	—	6	—	—	—	—	—	—	—	—	—	—	—	
	TL484003	Lid (SF)	48.5	40.3	2.9	—	—	—	21.8	—	—	—	—	—	—	—	Fits BI4840 Series Containers				
		1232	1024	74	—	—	—	—	9.8	—	—	—	—	—	—	—	—	—	—	—	

*Useable height. †BG4840 height based on version with 9 feet, add 1.5" for versions with runners.

Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. **All dimensions are approximate.**

(SF) = Structural Foam (VF) = Vacuum Formed Bulk Container capacities are based on equally distributed loads. Elevated temperatures and concentrated loads may affect capacity.

Note: Model numbers do not indicate drop doors. Please specify number of drop doors when ordering.

Bulk Containers

4845 Collapsible Bulk Containers

Compatible with
RFID Systems

Buckhorn's 4845 Bulk Containers and Transport Tubs are the standard in manufacturing industries such as automotive, appliance and electronics for parts or component shipping and in-process handling. 4845 Bulk Containers can be customized using different combinations of drop doors on the 48" side, as well as multiple height availabilities and dunnage.

Heavy-Duty

- BH model containers rated for loads up to 2,500 lbs.

Extra-Duty

- BE model containers rated for loads up to 2,300 lbs.

Industry Standard

- BX model containers rated for loads up to 1,800 lbs.

General Purpose

- XT Series Containers, featuring the BI models, rated for loads up to 1,500 lbs.
- Heavy-duty containers feature steel hit plates, reinforced base, and 3 recessed steel runners for maximum durability
- BE, BX and XT Series containers feature snap lock latches to secure sidewalls and drop doors
- Multiple options for drop doors (depending on container model) for easy, safe access to contents. 0 or 2 doors on any model
- All containers feature 4-way entry for easy handling
- Containers meet AIAG Standards for cube utilization

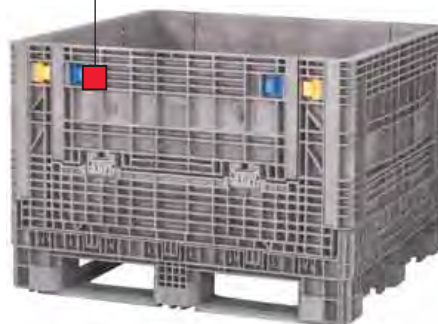
XT Series BI Models



BI484525

Drop Doors

For easy product access



BI484534

Did You Know...?

Our Bulk Containers interwork with our Straight Wall Container System to give you maximum versatility in material handling. See page 24 for Straight Wall Containers

Heavy-Duty Containers

Support load capacities up to 2,500 lbs.



BH484525

Steel Corner Hit Plates

Heavy-Duty Containers feature steel corner plates to deflect fork tines



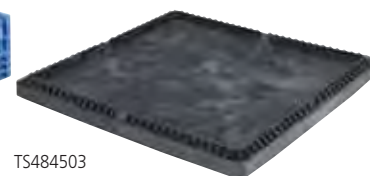
BH484534

Extra-Duty & Industry Standard Containers

These models support load capacities up to 2,300 and 1,800 lbs. and feature snap-lock latches to secure panels



BE484534
BX484534



TS484503
(Lid fits all models)



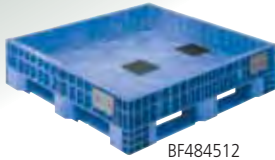
Base Runners

All Heavy-Duty Containers feature three recessed steel base runners for added stacking strength. Extra-Duty Containers feature plastic and steel runners. Industry Standard and General Purpose models feature plastic base runners.

4845 Collapsible Bulk Container Specifications



Extra-Duty Transport Tubs



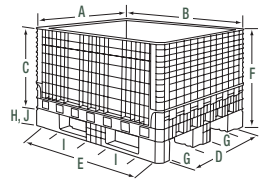
BF484512



BF484526

Extra-Duty Transport Tubs are perfect for heavy, dense loads up to 2,300 lbs. that do not require tall sidewalls.

- Solid, one-piece construction for strength
 - Available in 6 heights from 12" to 26"
 - Recessed steel runner on base adds stacking strength
 - 4-way entry for easy movement
 - Optional lids protect contents from debris
 - Options: Colors, dunnage, ID tags, ID systems, RFID
- See page 23**



Model No.	Description	Dimensions						Weight lbs.	Capacity			Fork Tunnel Dimensions				Return Ratio	Truck Capacity			
		L"(A)	Outside W"(B)	H"(C)	L"(D)	Inside W"(E)	H"(F)*		Weight lbs.	Volume cu.ft.	gal.	48" side W"(G)	48" side H"(H)	45" side W"(I)	45" side H"(J)		48" Opened	48" Collapsed	53' Opened	53' Collapsed
[S] BH484525	48" x 45" x 25"	47.62	44.62	25.62	44.25	41.25	18.69	140	2500	19.74	148	11.88	3.25	10.5	3.69	2.1:1	96	192	112	224
	mm/kg/m ³ /l	1210	1133	651	1124	1048	475	64	1134	.559	559	302	83	267	94	—	—	—	—	—
BH484530	48" x 45" x 30"	47.62	44.62	29.87	44.25	41.25	22.87	152	2500	24.16	181	11.88	3.25	10.5	3.69	2.5:1	96	192	84	224
	mm/kg/m ³ /l	1210	1133	759	1124	1048	581	69	1134	.684	684	302	83	267	94	—	—	—	—	—
[S] BH484534	48" x 45" x 34"	47.62	44.62	34	44.25	41.25	27.12	163	2500	28.65	214	11.88	3.25	10.5	3.69	3:1	72	192	84	224
	mm/kg/m ³ /l	1210	1133	864	1124	1048	689	74	1134	.811	811	302	83	267	94	—	—	—	—	—
[S] TH484502	Lid (SF)	48.25	45.25	2.25	—	—	—	20.5	—	—	—	—	—	—	—	—	—	—	—	—
	mm/kg/m ³ /l	1226	1149	57	—	—	—	9	—	—	—	—	—	—	—	—	—	—	—	—

4845 Heavy-Duty Bulk Containers

- Stock Color: Black
- Lid Color: Black
- Up to 2 drop doors
- 7" and 10" extension rings available
- Options: **See page 23**

4845 Extra-Duty & Industry Standard Bulk Containers

- BX484525 stocked in Blue; BX484534 Series stocked in Black and Blue
- Lid Color: Black
- Up to 2 drop doors

Model No.	Description	Dimensions						Weight lbs.	Capacity			Fork Tunnel Dimensions				Return Ratio	Truck Capacity			
		L"(A)	Outside W"(B)	H"(C)	L"(D)	Inside W"(E)	H"(F)*		Weight lbs.	Volume cu.ft.	gal.	48" side W"(G)	48" side H"(H)	45" side W"(I)	45" side H"(J)		48" Opened	48" Collapsed	53' Opened	53' Collapsed
BE484525	48" x 45" x 25"	48	45	25	44.5	41.5	18	129	2300	19.24	144	11.6	3.3	11.9	3.4	2:1	96	192	104	208
	mm/kg/m ³ /l	1219	1143	635	1130	1054	457	57	1044	.545	545	295	84	302	86.3	—	—	—	—	—
BE484534	48" x 45" x 34"	48	45	34	44.5	41.5	27	163	2300	28.86	216	11.6	3.3	11.9	3.4	2.6:1	76	192	84	208
	mm/kg/m ³ /l	1219	1143	864	1130	1054	686	74	1044	.817	817	295	84	302	86.3	—	—	—	—	—
[S] BX484525	48" x 45" x 25"	48	45	25	44.5	41.5	18	124	1800	19.24	144	11.6	3.3	11.9	3.4	2:1	96	192	104	208
	mm/kg/m ³ /l	1219	1143	635	1130	1054	457	56	817	.545	545	295	84	302	86	—	—	—	—	—
[S] BX484534	48" x 45" x 34"	48	45	34	44.5	41.5	27	158	1800	28.86	216	11.6	3.3	11.9	3.4	3:1	76	192	84	208
	mm/kg/m ³ /l	1219	1143	864	1130	1054	686	72	817	.817	817	295	84	302	86	—	—	—	—	—
[S] TS484503	Lid (SF)	49.13	46.13	2.75	—	—	—	25	—	—	—	—	—	—	—	—	—	—	—	—
	mm/kg/m ³ /l	1248	1172	70	—	—	—	11	—	—	—	—	—	—	—	—	—	—	—	—

Model No.	Description	Dimensions						Weight lbs.	Capacity			Fork Tunnel Dimensions				Return Ratio	Truck Capacity			
		L"(A)	Outside W"(B)	H"(C)	L"(D)	Inside W"(E)	H"(F)*		Weight lbs.	Volume cu.ft.	gal.	48" side W"(G)	48" side H"(H)	45" side W"(I)	45" side H"(J)		48" Opened	48" Collapsed	53' Opened	53' Collapsed
BF484512	48" x 45" x 12"	48	45	12	44.5	41.6	5.2	83	2300	5.57	42	11.6	3.3	11.9	3.4	1:1	216	216	234	234
	mm/kg/m ³ /l	1219	1143	305	1130	1057	132	38	1044	.158	158	295	84	302	86	—	—	—	—	—
[S] BF484515	48" x 45" x 15"	48	45	15	44.5	41.6	8.2	95	2300	8.78	66	11.6	3.3	11.9	3.4	1:1	182	182	182	182
	mm/kg/m ³ /l	1219	1143	381	1130	1057	208	43	1044	.249	249	295	84	302	86	—	—	—	—	—
BF484517	48" x 45" x 17"	48	45	17	44.5	41.6	10.2	102	2300	10.93	82	11.6	3.3	11.9	3.4	1:1	144	144	156	156
	mm/kg/m ³ /l	1219	1143	432	1130	1057	259	46	1044	.309	309	295	84	302	86	—	—	—	—	—
[S] BF484519	48" x 45" x 19"	48	45	19	44.5	41.6	12.2	118	2300	13.07	98	11.6	3.3	11.9	3.4	1:1	120	120	130	130
	mm/kg/m ³ /l	1219	1143	483	1130	1057	310	54	1044	.370	370	295	84	302	86	—	—	—	—	—
BF484521	48" x 45" x 21"	48	45	21	44.5	41.6	14.2	131	2300	15.21	114	11.6	3.3	11.9	3.4	1:1	120	120	130	130
	mm/kg/m ³ /l	1219	1143	533	1130	1057	361	59	1044	.431	431	295	84	302	86	—	—	—	—	—
BF484526	48" x 45" x 26"	48	45	25.6	44.5	41.6	18.8	142	2300	20.14	151	11.6	3.3	11.9	3.4	1:1	96	96	104	104
	mm/kg/m ³ /l	1219	1143	650	1130	1057	478	64	1044	.570	570	295	84	302	86	—	—	—	—	—
TS484503	Lid (SF)	49.13	46.13	2.75	—	—	—	25	—	—	—	—	—	—	—	—	—	—	—	—
	mm/kg/m ³ /l	1248	1172	70	—	—	—	11	—	—	—	—	—	—	—	—	—	—	—	—

Extra-Duty Transport Tubs

- Stock Color: Blue
- Lid Color: Black

4845 General Purpose XT Series Containers

- BI484525 stocked in Black, BI484534 stocked in Black, Blue and Gray
- Up to 2 drop doors
- Options: **See page 23**

Model No.	Description	Dimensions						Weight lbs.	Capacity			Fork Tunnel Dimensions				Return Ratio	Truck Capacity			
		L"(A)	Outside W"(B)	H"(C)	L"(D)	Inside W"(E)	H"(F)*		Weight lbs.	Volume cu.ft.	gal.	48" side W"(G)	48" side H"(H)	45" side W"(I)	45" side H"(J)		48" Opened	48" Collapsed	53' Opened	53' Collapsed
[S] BI484525	48" x 45" x 25"	47.8	45.1	24.8	44.2	41.5	17.4	102	1500	18.5	138	13.2	3.5	12.5	3.5	2.3:1	96	216	104	234
	mm/kg/m ³ /l	1214	1146	630	1123	1054	442	46	680	.524	524	335	89	318	89	—	—	—	—	—
[S] BI484534	48" x 45" x 34"	47.8	45.1	34	44.2	41.5	26.3	129	1500	27.9	209	13.2	3.5	12.5	3.5	2.9:1	72	216	78	234
	mm/kg/m ³ /l	1214	1146	864	1123	1054	668	59	680	.790	790	335	89	318	89	—	—	—	—	—
[S] TL484503	Lid (SF)	48.8	45.8	2.9	48.3	45.4	1.7	21.8	—	—	—	—	—	—	—	—	—	—	—	—
	mm/kg/m ³ /l	1249	1163	74	1227	1153	43	9.9	—	—	—	—	—	—	—	—	—	—	—	—

*Usable height. Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate. (SF) = Structural Foam Bulk Container capacities are based on equally distributed loads. Elevated temperatures and concentrated loads may affect capacity. Note: Model numbers do not indicate drop doors. Please specify number of drop doors when ordering.

[S] = In Stock Items

Bulk Containers

Extended Length Bulk Containers and Transport Tubs are ideal for products such as automotive trim parts, hoses, pipes, harnesses and other long, awkwardly shaped items.

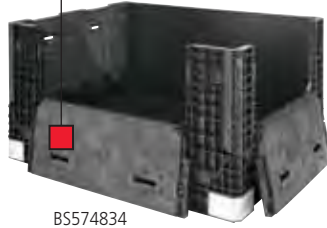
- Solid, once-piece base for maximum strength and durability
- Available with up to 4 drop doors

Extended Length Bulk Containers & Transport Tubs

Extra deep doors available on some models



BS644825

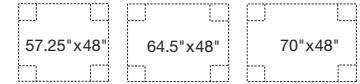


BS574834

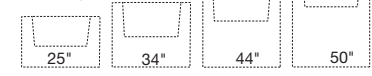


BF574819XP

3 Footprints



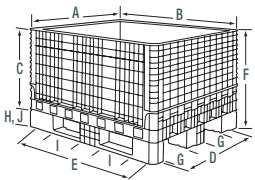
4 Heights



*50" height available for 64.5" & 70" lengths only

Extended Length Transport Tubs

Extended Length Bulk Containers



- Samples available in Black, with one short-side door and one long-side door
- Other colors available, minimum order required

		Dimensions						Weight lbs.	Capacity		Fork Tunnel Dimensions				Return Ratio	Truck Capacity				
Model No.	Description	L"(A)	Outside W"(B)	H"(C)	L"(D)	Inside W"(E)	H"(F)*		Weight lbs.	Volume cu.ft.	gal.	57, 64, & 70" side W"(G)	H"(H)	48" side W"(I)		H"(J)	48' Opened	48' Collapsed	53' Opened	53' Collapsed
BS574825	57.25" x 48" mm/kg/m³/l	57.25	48	25	53.5	44.5	17.6	143	2000	24.25	181	10.2	3.2	10.8	3.2	1.8:1	76	152	88	176
		1454	1219	635	1359	1130	447	65	907	.687	687	259	81	274	81	—	—	—	—	
BS574834	57.25" x 48"	57.25	48	34	53.5	44.5	26.6	171	2000	36.65	274	10.2	3.2	10.8	3.2	2.5:1	57	152	66	176
		1454	1219	864	1359	1130	676	78	907	1.038	1038	259	81	274	81	—	—	—	—	
BS574844	57.25" x 48"	57.25	48	44	53.5	44.5	36.6	195	2000	50.43	377	10.2	3.2	10.8	3.2	1.8:1	38	76	44	88
		1454	1219	1118	1359	1130	930	88	907	1.428	1428	259	81	274	81	—	—	—	—	
BS644825	64" x 48"	64	48	25	60.8	44.5	17.6	157	2000	27.56	206	10.2	3.2	10.8	3.2	1.8:1	68	136	76	152
		1626	1219	635	1544	1130	447	71	907	.780	780	259	81	274	81	—	—	—	—	
BS644834	64.5" x 48"	64.5	48	34	60.8	44.5	26.6	183	2000	41.65	312	10.2	3.2	10.8	3.2	2.5:1	51	136	57	152
		1638	1219	864	1544	1130	676	83	907	1.179	1179	259	81	274	81	—	—	—	—	
BS644844	64.5" x 48"	64.5	48	44	60.8	44.5	36.6	210	2000	57.31	429	10.2	3.2	10.8	3.2	1.8:1	34	68	38	76
		1638	1219	1118	1544	1130	930	95	907	1.623	1623	259	81	274	81	—	—	—	—	
BS644850	64.5" x 48"	64.5	48	50	60.8	44.5	42.6	234	2000	66.70	499	10.2	3.2	10.8	3.2	2.1:1	34	68	38	76
		1638	1219	1270	1544	1130	1079	106	907	1.889	1889	259	81	274	81	—	—	—	—	
BS704825	70" x 48"	70	48	25	66.3	44.5	17.6	172	2000	30.05	225	10.2	3.2	10.8	3.2	1.8:1	64	112	72	126
		1778	1219	635	1684	1130	447	78	907	.851	851	259	81	274	81	—	—	—	—	
BS704834	70" x 48"	70	48	34	66.3	44.5	26.6	195	2000	45.42	340	10.2	3.2	10.8	3.2	2.5:1	48	112	54	126
		1778	1219	864	1684	1130	676	88	907	1.286	1286	259	81	274	81	—	—	—	—	
BS704844	70" x 48"	70	48	44	66.3	44.5	36.6	221	2000	62.49	467	10.2	3.2	10.8	3.2	1.8:1	32	64	36	72
		1778	1219	1118	1684	1130	930	100	907	1.770	1770	259	81	274	81	—	—	—	—	
BS704850	70" x 48"	70	48	50	66.3	44.5	42.6	248	2000	72.73	544	10.2	3.2	10.8	3.2	2.1:1	32	64	36	72
		1778	1219	1270	1684	1130	1079	113	907	2.059	2059	259	81	274	81	—	—	—	—	

Transport Tubs

- For extra-long, dense loads
- Stack-only tubs eliminate the waste of shipping "air" from using taller containers, and feature a recessed steel runner on the base to add strength for stacking
- Options: Custom colors, dunnage, ID systems, RFID
See page 23

		Dimensions						Capacity		Fork Tunnel Dimensions				Truck Capacity						
Model No.	Description	L"(A)	Outside W"(B)	H"(C)	L"(D)	Inside W"(E)	H"(F)*	Weight lbs.	Weight lbs.	Volume cu.ft.	Volume gal.	57, 64, & 70" side W"(G)	H"(H)	48" side W"(I)	H"(J)	Return Ratio	48' Opened	48' Collapsed	53' Opened	53' Collapsed
BF574817XP	57.25" x 48"	57.25	48	17.5	53.5	44.5	10.1	119	2000	13.92	104	10.2	3.2	10.8	3.2	1:1	114	114	132	132
	mm/kg/m³/l	1454	1219	445	1359	1130	257	54	907	.394	394	259	81	274	81	—	—	—	—	—
BF574819XP	57.25" x 48"	57.25	48	19.6	53.5	44.5	12.2	125	2000	16.81	126	10.2	3.2	10.8	3.2	1:1	95	95	110	110
	mm/kg/m³/l	1454	1219	498	1359	1130	310	57	907	.476	476	259	81	274	81	—	—	—	—	—
BF644817XP	64.5" x 48"	64.5	48	17.5	60.8	44.5	10.1	132	2000	15.81	118	10.2	3.2	10.8	3.2	1:1	102	102	116	116
	mm/kg/m³/l	1638	1219	445	1544	1130	257	60	907	.448	448	259	81	274	81	—	—	—	—	—
BF644819XP	64.5" x 48"	64.5	48	19.6	60.8	44.5	12.2	139	2000	19.10	143	10.2	3.2	10.8	3.2	1:1	85	85	95	95
	mm/kg/m³/l	1638	1219	498	1544	1130	310	63	907	.541	541	259	81	274	81	—	—	—	—	—
BF704817XP	70" x 48"	70	48	17.5	66.3	44.5	10.1	138	2000	17.24	129	10.2	3.2	10.8	3.2	1:1	96	96	108	108
	mm/kg/m³/l	1778	1219	445	1684	1130	257	63	907	.488	488	259	81	274	81	—	—	—	—	—
BF704819XP	70" x 48"	70	48	19.6	66.3	44.5	12.2	146	2000	20.83	156	10.2	3.2	10.8	3.2	1:1	80	80	90	90
	mm/kg/m³/l	1778	1219	498	1684	1130	310	66	907	.590	590	259	81	274	81	—	—	—	—	—

Lids

- Optional, load bearing vacuum-formed lids protect contents

Model No.	Description	Dimensions						Weight lbs.	Capacity		Fork Tunnel Dimensions				Return Ratio	Truck Capacity			
		L"(A)	Outside W"(B)	H"(C)	L"(D)	Inside W"(E)	H"(F)*		Weight lbs.	Volume cu.ft.	57, 64, & 70" side W"(G)	H"(H)	48" side W"(I)	H"(J)		48' Opened	48' Collapsed	53' Opened	53' Collapsed
TV574802	Lid (VF)	58	49	2	—	—	—	18	—	—	—	—	—	—	—	—	—	—	—
	mm/kg/m³/l	1473	1245	51	—	—	—	8	—	—	—	—	—	—	—	—	—	—	—
TV644802	Lid (VF)	65	49	2	—	—	—	21	—	—	—	—	—	—	—	—	—	—	—
	mm/kg/m³/l	1651	1245	51	—	—	—	10	—	—	—	—	—	—	—	—	—	—	—
TV704802	Lid (VF)	71	49	2	—	—	—	22	—	—	—	—	—	—	—	—	—	—	—
	mm/kg/m³/l	1803	1245	51	—	—	—	10	—	—	—	—	—	—	—	—	—	—	—

*Internal usable height allows for 1" nest if another container placed on top. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate. (VF) = Vacuum Formed Bulk Container capacities are based on equally distributed loads. Elevated temperatures and concentrated loads may affect capacity. Capacity is dependent upon application and use environment. Note: Model numbers do not indicate drop doors. Please specify number of drop doors when ordering. Drop doors may affect stock status.

[S] = In Stock Items

Extended Height & HighWall™ Containers



Bulk Containers

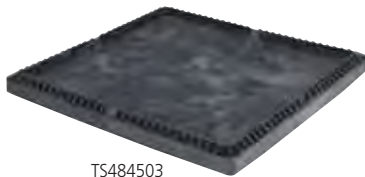
Buckhorn's Extended Height and XT HighWall™ Bulk Containers are designed to give you maximum strength in shipping and storing large or awkward products. With both one-piece construction and extension sets available, Buckhorn is sure to have a container that ideally suits your operation!

- BE models feature one-piece base design and load capacities up to 2,000 lbs.
- XT HighWall™ Series in BI models feature heights from 33" – 66"
- Multiple drop door options
- Options: Custom colors, dunnage, ID systems
See page 23

BE Extended Height containers feature a one-piece base for added strength



BE484544



TS484503
(Lid)

XT HighWall Series BI Models



BI484548
w/ 2 Drop Doors



BI484550
w/ 2 Drop Doors



Standard
Height

Extension
Set

What is a HighWall?

A Buckhorn HighWall is constructed by adding an extension set to standard 25" or 34" high model BI4845

Model No.	Description	Dimensions						Weight lbs.	Weight lbs.	Capacity		Fork Tunnel Dimensions				Return Ratio	Truck Capacity			
		L"(A)	Outside W"(B)	H"(C)	L"(D)	Inside W"(E)	H"(F)			cu.ft.	gal.	48" side W"(G)	H"(H)	45" side W"(I)	H"(J)		48" Opened	48" Collapsed	53' Opened	53' Collapsed
BE484540	48" x 45" x 40"	48	45	40	44.5	41.5	33	188	2000	35.27	264	11.6	3.3	11.9	3.4	2.1:1	48	120	52	130
	mm/kg/m³/l	1219	1143	1016	1130	1054	838	85	907	.999	999	295	84	302	86	—	—	—	—	—
BE484544	48" x 45" x 44"	48	45	44	44.5	41.5	37	206	2000	39.54	296	11.6	3.3	11.9	3.4	2:1	48	96	52	104
	mm/kg/m³/l	1219	1143	1118	1130	1054	940	94	907	1.120	1120	295	84	302	86	—	—	—	—	—
BE484550	48" x 45" x 50"	48	45	50	44.5	41.5	43	226	2000	45.96	344	11.6	3.3	11.9	3.4	1.7:1	48	72	52	78
	mm/kg/m³/l	1219	1143	1270	1130	1054	1092	103	907	1.301	1301	295	84	302	86	—	—	—	—	—
TS484503	Lid (SF)	49.13	46.13	2.75	—	—	—	25	—	—	—	—	—	—	—	—	—	—	—	—
	mm/kg/m³/l	1248	1172	70	—	—	—	11	—	—	—	—	—	—	—	—	—	—	—	—

Extended Height Bulk Containers

- BE Model Stock Color: Black
- Lid Color: Black
- Also available as BX version without steel runner - 1,800 lb. capacity

XT HighWall Containers

- Minimum order required
- Consult with a Buckhorn representative for drop door and removable panel options
- Lids: See page 17 for specifications

Did You Know...?

Buckhorn offers 14 different height options!

Model No.	Description	Dimensions						Weight lbs.	Weight lbs.	Capacity		Fork Tunnel Dimensions				Return Ratio	Truck Capacity			
		L"(A)	Outside W"(B)	H"(C)	L"(D)	Inside W"(E)	H"(F)*			cu.ft.	gal.	48" side W"(G)	H"(H)	45" side W"(I)	H"(J)		48" Opened	48" Collapsed	53' Opened	53' Collapsed
BI484533	8" Extension	47.8	45.1	32.8	44.2	41.5	25.4	125	1000	27.0	202	13.2	3.5	12.5	3.5	1.6:1	72	120	78	130
	mm/kg/m³/l	1214	1146	833	1123	1054	644	57	454	0.765	765	335	89	318	89	—	—	—	—	—
BI484535	10" Extension	47.8	45.1	34.6	44.2	41.5	27.2	130	1000	28.9	216	13.2	3.5	12.5	3.5	2:1	72	96	78	104
	mm/kg/m³/l	1214	1146	879	1123	1054	690	59	454	0.818	818	335	89	318	89	—	—	—	—	—
BI484539	14" Extension	47.8	45.1	38.6	44.2	41.5	31.2	137	1000	48.2	361	13.2	3.5	12.5	3.5	1.5:1	48	72	52	104
	mm/kg/m³/l	1214	1146	980	1123	1054	792	62	454	1.37	1367	335	89	318	89	—	—	—	—	—
BI484541	16" Extension	47.8	45.1	40.6	44.2	41.5	33.2	142	1000	35.2	263	13.2	3.5	12.5	3.5	1.5:1	48	72	52	78
	mm/kg/m³/l	1214	1146	1031	1123	1054	842	65	454	.996	996	335	89	318	89	—	—	—	—	—
BI484555	30" Extension	47.8	45.1	54.8	44.2	41.5	47.4	174	1000	50.3	376	13.2	3.5	12.5	3.5	2:1	24	48	26	52
	mm/kg/m³/l	1214	1146	1392	1123	1054	1203	79	454	1.42	1423	335	89	318	89	—	—	—	—	—
BI484557	32" Extension	47.8	45.1	56.8	44.2	41.5	49.4	178	1000	52.4	392	13.2	3.5	12.5	3.5	2:1	24	48	26	52
	mm/kg/m³/l	1214	1146	1443	1123	1054	1254	81	454	1.48	1484	335	89	318	89	—	—	—	—	—
BI484542	8" Extension	47.8	45.1	41.8	44.2	41.5	34.2	152	1000	36.3	272	13.2	3.5	12.5	3.5	2.5:1	48	120	52	130
	mm/kg/m³/l	1214	1146	1062	1123	1054	868	69	454	1.03	1030	335	89	318	89	—	—	—	—	—
BI484544	10" Extension	47.8	45.1	43.8	44.2	41.5	36.2	157	1000	38.4	287	13.2	3.5	12.5	3.5	2:1	72	96	78	104
	mm/kg/m³/l	1214	1146	1113	1123	1054	919	71	454	1.09	1086	335	89	318	89	—	—	—	—	—
BI484548	14" Extension	47.8	45.1	47.8	44.2	41.5	40.2	163	1000	42.7	319	13.2	3.5	12.5	3.5	1.5:1	48	72	52	104
	mm/kg/m³/l	1214	1146	1214	1123	1054	1020	74	454	1.21	1208	335	89	318	89	—	—	—	—	—
BI484550	16" Extension	47.8	45.1	49.8	44.2	41.5	42.2	169	1000	44.8	335	13.2	3.5	12.5	3.5	1.5:1	48	72	52	78
	mm/kg/m³/l	1214	1146	1242	1123	1054	1071	77	454	1.27	1268	335	89	318	89	—	—	—	—	—
BI484564	30" Extension	47.8	45.1	64.0	44.2	41.5	56.4	201	1000	59.9	448	13.2	3.5	12.5	3.5	2:1	24	48	26	52
	mm/kg/m³/l	1214	1146	1626	1123	1054	1432	91	454	1.70	1696	335	89	318	89	—	—	—	—	—
BI484566	32" Extension	47.8	45.1	66.0	44.2	41.5	58.4	205	1000	62.0	464	13.2	3.5	12.5	3.5	2:1	24	48	26	52
	mm/kg/m³/l	1214	1146	1676	1123	1054	1482	93	454	1.76	1756	335	89	318	89	—	—	—	—	—

*Usable height. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate. (SF) = Structural Foam Bulk Container capacities are based on equally distributed loads. Elevated temperatures and concentrated loads may affect capacity. Capacity is dependent upon application and use environment. Note: Model numbers do not indicate drop doors. Please specify number of drop doors when ordering. Drop doors may affect stock status.

Bulk Containers

The reusable Center Flow Container from Buckhorn is a convenient and efficient way to handle seed, granular materials or small components in loads up to 2,500 lbs.

The side-operated door provides a safer work environment and saves thousands of man-hours over handling flexible bulk bags or cardboard containers. The smooth, funnel-shaped interior has a 35° angle for efficient flow of contents and complete emptying without tipping. The Center Flow's efficiency makes it an ideal choice for agriculture, plastics and resins handling, and small parts manufacturing applications.

- Generous 8.1" x 10.7" exit port for quick emptying – in as fast as 30 seconds!
- Designed for safe, one-person operation
- Durable for long service life
- Reusable and completely recyclable
- Stack and nest for shipping and storage
- Reinforced cross-member provides additional lateral strength
- Protects contents from dirt, moisture and pests; resists impact and most chemicals
- Options: Adhesive tags and signs

Model No. CF57456500
Assembled: Dim: L 56.5" x W 45" x H 65"
Nested: Dim: L 56.5" x W 45" x H 39.3"
Color: Black

Lid:
Dim: L 56.5" x W 45" x H 2"
Color: Black

Base volume 19.8 cu.ft.
Ring volume 38.5 cu.ft.

Center Flow Bulk Container



The best, most efficient nestable container available to transport and dispense seeds!

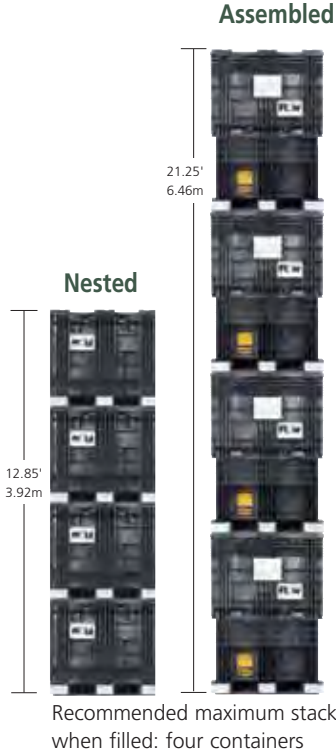


Did You Know...?

Center Flow "SeedBox" Containers are the standard in the industry for safe handling of seed products, allowing easy transport and dispensing into planters.

Secure Stacking & Nesting

Guide lugs ensure easy stacking

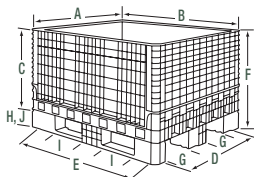


Nestable for Easy Storage



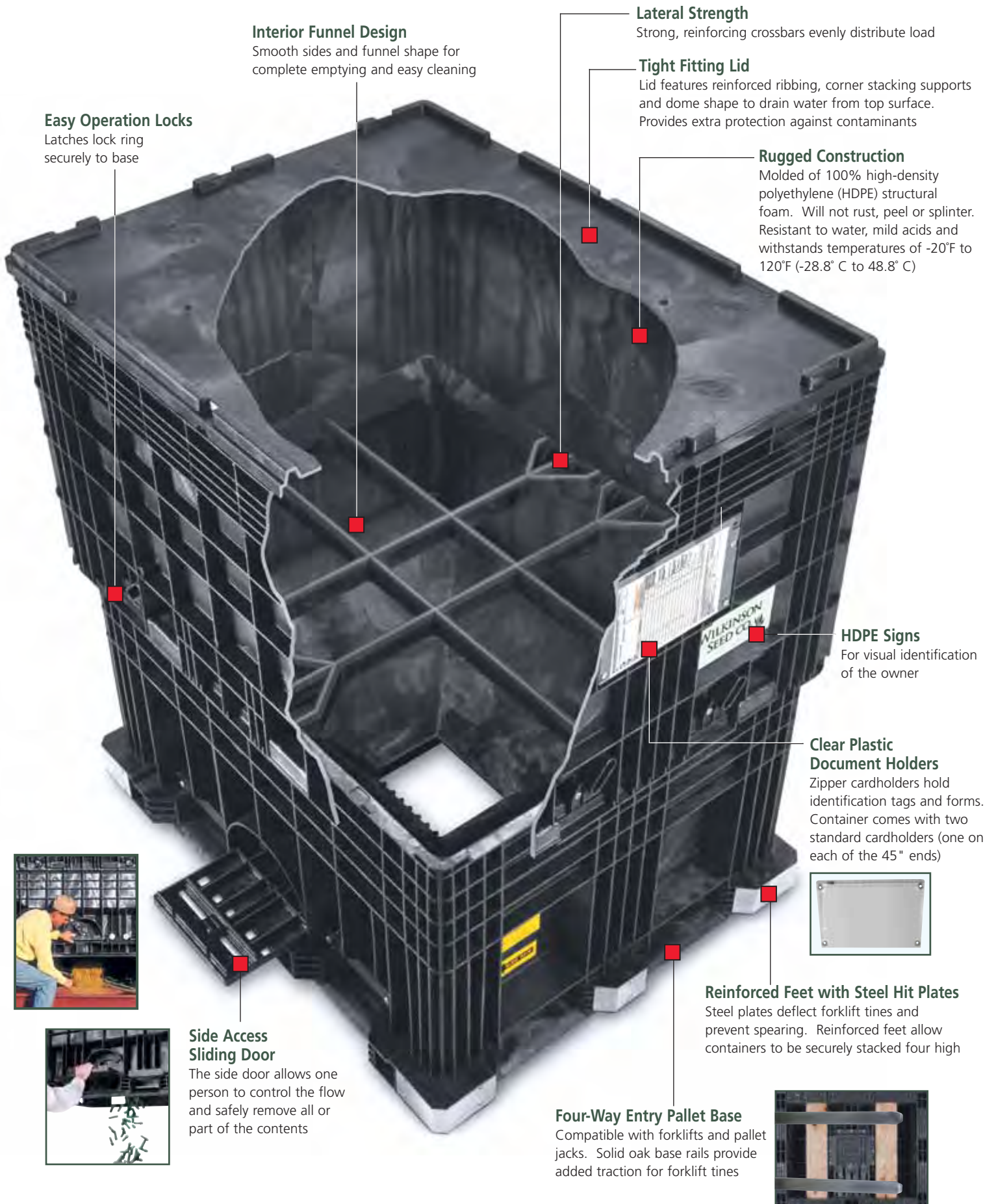
Removable ring inverts and nests over base for compact storage. When nested, the Center Flow Container takes up 40% less space.

Center Flow Container



Model No.	Description	Dimensions						Weight lbs.	Weight lbs.	Capacity		Fork Tunnel Dimension	Return Ratio	Truck Capacity			
		Outside Top L"(A)	Outside Top W"(B)	Outside Top H"(C)	Inside Top L"(D)	Inside Top W"(E)	Outside Bottom L"(F)	Outside Bottom W"(G)		Volume cu. ft.	Bushel			48' Opened	48' Collapsed	53' Opened	53' Collapsed
S CF57456500	57" x 45"	56.5	45	65	55.5	44	56.5	45	331	2500	58.3	46.9	1.63:1	20	40	22	44
	mm/kg/m ³ /l	1435	1144	1651	1410	1118	1435	1144	150	1134	1.651	—	—	—	—	—	—

Center Flow Bulk Container



Interior Funnel Design

Smooth sides and funnel shape for complete emptying and easy cleaning

Lateral Strength

Strong, reinforcing crossbars evenly distribute load

Tight Fitting Lid

Lid features reinforced ribbing, corner stacking supports and dome shape to drain water from top surface. Provides extra protection against contaminants

Rugged Construction

Molded of 100% high-density polyethylene (HDPE) structural foam. Will not rust, peel or splinter. Resistant to water, mild acids and withstands temperatures of -20°F to 120°F (-28.8° C to 48.8° C)

Easy Operation Locks

Latches lock ring securely to base

HDPE Signs

For visual identification of the owner

Clear Plastic Document Holders

Zipper cardholders hold identification tags and forms. Container comes with two standard cardholders (one on each of the 45" ends)



Reinforced Feet with Steel Hit Plates

Steel plates deflect forklift tines and prevent spearing. Reinforced feet allow containers to be securely stacked four high



Four-Way Entry Pallet Base

Compatible with forklifts and pallet jacks. Solid oak base rails provide added traction for forklift tines



Side Access Sliding Door

The side door allows one person to control the flow and safely remove all or part of the contents



Check with Buckhorn for suitability in your application. Specifications subject to change without notice. **All dimensions are approximate.**
Bulk Container capacities are based on equally distributed loads. Elevated temperatures and concentrated loads may affect capacity. Capacity is dependent upon application and use environment.

Bulk Containers

The unique design of the open-sided DunnageReady Bulk Container combines the strength and handling advantages of a Buckhorn Bulk Container with the durability and easy interior access offered by a tubular steel frame.

- Safely transport lightweight components and finished surface assemblies from supplier to assembly points and work stations
- Offers access on one or two sides depending on the size of the pieces being transported
- Adapts to fit a wide range of footprints, 48" x 45" to extended length and height

DunnageReady™ Bulk Containers

Did You Know...?

Compare to the cost of a steel rack. You'll be surprised at the savings plastic offers!

Unique, Open Frame Side

Allows complete access to interior with better ergonomic positioning

Durability

Structural HDPE base and side panels for strength and long service life (3-year limited warranty)

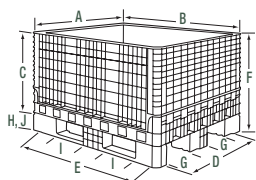
4-Way Entry

Allows easy handling

Recessed Exterior Mounts

Prevent bolt damage during transport

DunnageReady Bulk Containers



Model No.	External			Dimensions Internal w/ Length Open			Internal w/ Width Open			Fork Tunnel Dimensions				Return Ratio	Truck Capacity			
	L"	W"	H"	L"	W"	H"	L"	W"	H"	long side W"(G)	H"(H)	short side W"(I)	H"(J)		48' Opened	48' Collapsed	53' Opened	53' Collapsed
BX484534	48	45	34	43.75	41.5	27	44.5	40.75	27	11.6	3.3	11.9	3.4	1:1	76	—	84	—
mm	1219	1143	864	1111	1054	686	1130	1035	686	295	84	302	86.3	—	—	—	—	—
BX484540	48	45	40	43.75	41.5	33	44.5	40.75	33	11.6	3.3	11.9	3.4	1:1	48	—	52	—
mm	1219	1143	1016	1111	1054	838	1130	1035	838	295	84	302	86.3	—	—	—	—	—
BX484544	48	45	44	43.75	41.5	37	44.5	40.75	37	11.6	3.3	11.9	3.4	1:1	48	—	52	—
mm	1219	1143	1118	1111	1054	940	1130	1035	940	295	84	302	86.3	—	—	—	—	—
BX484550	48	45	50	43.75	41.5	43	44.5	40.75	43	11.6	3.3	11.9	3.4	1:1	48	—	52	—
mm	1219	1143	1270	1111	1054	1092	1130	1035	1092	295	84	302	86.3	—	—	—	—	—
BS574834	57.25	48	34	52.75	44.5	26.6	53.5	43.75	26.6	10.2	3.2	10.8	3.2	1:1	57	—	66	—
mm	1454	1219	864	1340	1130	676	1359	1111	676	259	81	274	81	—	—	—	—	—
BS574844	57.25	48	44	52.75	44.5	36.6	53.5	43.75	36.6	10.2	3.2	10.8	3.2	1:1	38	—	44	—
mm	1454	1219	1118	1340	1130	930	1359	1111	930	259	81	274	81	—	—	—	—	—
BS644834	64.5	48	34	60.05	44.5	26.6	60.8	43.75	26.6	10.2	3.2	10.8	3.2	1:1	51	—	57	—
mm	1638	1219	864	1525	1130	676	1544	1111	676	259	81	274	81	—	—	—	—	—
BS644844	64.5	48	44	60.05	44.5	36.6	60.8	43.75	36.6	10.2	3.2	10.8	3.2	1:1	34	—	38	—
mm	1638	1219	1118	1525	1130	930	1544	1111	930	259	81	274	81	—	—	—	—	—
BS644850	64.5	48	50	60.05	44.5	42.6	60.8	43.75	42.6	10.2	3.2	10.8	3.2	1:1	32	—	38	—
mm	1638	1219	1270	1525	1130	1082	1544	1111	1082	259	81	274	81	—	—	—	—	—

*Usable height. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

Bulk Container capacities are based on equally distributed loads. Elevated temperatures and concentrated loads may affect capacity. Capacity is dependent upon application and use environment.



A variety of performance-enhancing bulk box options and accessories offer increased versatility. 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 needs.



Special Colors

Containers are available in many custom colors and configurations. Consult your Buckhorn representative about your needs and information on order quantities required for custom colors.



Custom Dunnage

Custom interior dunnage offers additional part protection and separation, surface and ESD protection, specific part orientation, better inventory control, improved ergonomics and lower packaging costs.



Extension Rings

Available on Heavy-Duty and Industry Standard 48" x 45" and XT Series HighWall models, Extension Rings (shaded, left) may be configured to create various heights for oversized loads.



Dollies

Steel dollies easily move Bulk Containers without the use of a forklift or pallet jack and are available for all footprints.



Drop Doors

Buckhorn Bulk Containers offer up to four optional access doors to allow easy access to contents. See product specifications for details.



Tamper Evident Closure

Select Bulk Container models are designed to be used with tamper evident seals. Consult your Buckhorn sales representative for details.

Enhance Your Profitability with More of Buckhorn's Extensive Bulk Container Selection!

Intermediate Bulk Containers

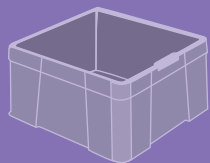


For safe, secure liquid handling. Collapsible, cost effective, hygienic, durable and reusable containers. Featuring the **Citadel™**, **Citadel-v™** and the **Caliber®** line! See pages 38-41 for details.

Stack-Only Bulk Containers



Buckhorn's Big Box Series, the fixed-wall, durable and adaptable containers that are FDA approved. Ideal for handling agricultural, fishery and food processing demands, as well as chemical, resin, textile and countless others! See page 42 for details.



Straight Wall

Buckhorn's reusable Straight Wall Container System delivers total cost savings and efficiency throughout the supplier-to-manufacturer material handling process.

Our stack-only modular containers are ideal for closed loop shipping, in-process handling and storage applications where the same containers are used throughout.

- Containers cube 48" x 45" pallets
- Reinforced sides and bottoms enhance product protection
- Interworking sizes allow mixed stacking on pallet
- Perimeter dust skirt on select sizes for added product protection
- Compatibility with other brands to expand your existing system
- Injection-molded HDPE construction for impact, moisture and chemical resistance
- Use with temperatures of -20° to 120° F
- Custom interior dunnage available
- Options: Lids, ID systems, dunnage, drain holes and cross-stacking bottoms



The modular design cubes the AIAG standard 48" x 45" pallet for maximum space usage.

Straight Wall Container System

Compatible with
RFID Systems

Straight Wall Design

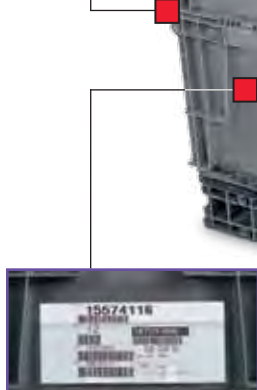
Straight, smooth interior walls allow for maximum cube and easy insertion of dunnage

Reinforced Corner Ribbing

Provides maximum column strength for secure stacking

Lids

Protect contents against dust, dirt and other contaminants



Identification Areas

Located on all four sides. Identification of contents is easy with optional cardholders, label placards, and hot stamping **See page 54 for details**

Ergonomic Handles

For enhanced comfort, efficiency and safety when lifting loaded containers

Pallet Perimeter Lip

Provides load stability and prevents container from shifting

Did You Know...?

You can use different color hot stamps for additional container identification.

Cross Cube Containers



Our **SX model Cross Cube Containers** have a special bottom-grid design that facilitates stacking of larger containers on top of smaller containers. 10 sizes available with this feature.

See page 26

- Optimize pallet space with vertically modular loads
- Improve line space usage
- Sequence parts by usage
- Reinforced bottom for secure stacking

Pallet & Top Cap Systems (See page 26 for complete details)



4-way entry pallets feature:

- Dynamic weight capacity of 3,000-8,000 lbs. (varies by pallet model)*
- Perimeter lips available on each pallet
- 2-side or 4-side Pallet Lock "Seat Belt" System

*Based on equally distributed load at room temperature of 73°F (+/-5°)



Top Caps increase stability by:

- Securing top layer of palletized containers and protecting contents
- Accommodating optional Pallet Lock "Seat Belt" System to further secure stacks

Straight Wall Container System Specifications



SW12070502



SW15120602



SW151208A2
SX151208A4
w/ dust skirt



SW15121002



SW24111002



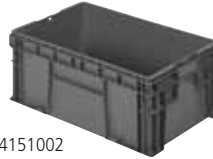
SW241504A2
SX241504A4
w/ dust skirt



SW24150602



SW241508A2
SX241508A4
w/ dust skirt



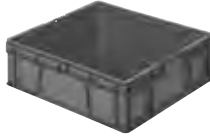
SW24151002
SX24151000



SW241511A2
SX241511A4
w/ dust skirt



SW24151502
SX24151500



SW242208A2
SX242208A4
w/ dust skirt



SW242211A2
SX242211A4
w/ dust skirt



SW242215A2
SX242215A4
w/ dust skirt



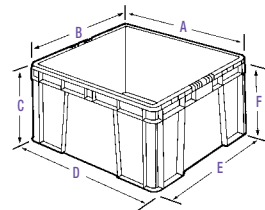
SW48150802
SX48150800

(Not pictured SW32150802)

Model No.	Description	Dimensions						Weight lbs.	Weight Capacity lbs.	Volume Cu.Ft.	Trailer Capacity	
		L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	W"(E)	Inside Usable Height H"(F)				48'	53'
SW12070502	Solid Bottom/Sides	12	7.5	5	9.38	5.44	4.38	1.2	60	0.13	10,368	11,232
		305	191	127	238	138	111	0.5	27	3.66	—	—
SW15120602	Solid Bottom/Sides	15	12	5.5	13	9.38	4.88	2.3	100	0.34	4896	5304
		381	305	140	330	238	124	1.0	45	9.75	—	—
SW151208A2	Solid Bottom/Sides	15	12	7.5	13	9.38	6.88	2.5	100	0.49	3456	3744
		381	305	191	330	238	175	1.1	45	13.75	—	—
SW15121002	Solid Bottom/Sides	15	12	9.5	13	9.38	8.88	3.5	100	0.63	2592	2808
		381	305	241	330	238	226	1.6	45	17.75	—	—
SW24111002	Solid Bottom/Sides	24	11	9.5	21.38	9.13	8.88	4.3	100	1.00	2016	2160
		610	279	241	543	232	226	2.0	45	28.41	—	—
SW241504A2	Solid Bottom/Sides	24	15	4	21.38	13	3.38	2.9	100	0.54	3456	3744
		610	381	102	543	330	86	1.3	45	15.40	—	—
SW24150602	Solid Bottom/Sides	24	15	5.5	21.38	13	4.88	3.7	100	0.78	2448	2652
		610	381	140	543	330	124	1.7	45	22.23	—	—
SW241508A2	Solid Bottom/Sides	24	15	7.5	21.38	13	6.88	4.1	100	1.11	1728	1872
		610	381	191	543	330	175	1.9	45	31.34	—	—
SW24151002	Solid Bottom/Sides	24	15	9.5	21.38	13	8.88	5.3	100	1.43	1296	1404
		610	381	241	543	330	226	2.4	45	40.45	—	—
SW241511A2	Solid Bottom/Sides	24	15	11	21.38	13	10.38	5.1	100	1.67	1152	1248
		610	381	279	543	330	264	2.5	45	47.28	—	—
SW24151502	Solid Bottom/Sides	24	15	14.5	21.38	13	13.88	6.9	100	2.23	864	936
		610	381	368	543	330	353	3.1	45	63.23	—	—
SW242208A2	Solid Bottom/Sides	24	22	7.5	21.38	20.38	6.88	5.8	100	1.73	1152	1248
		610	559	191	543	518	175	2.6	45	49.13	—	—
SW242211A2	Solid Bottom/Sides	24	22	11	21.38	20.38	10.38	7.6	100	2.62	768	832
		610	559	279	543	518	264	3.4	45	74.12	—	—
SW242215A2	Solid Bottom/Sides	24	22	14.5	21.38	20.38	13.88	8.9	100	3.50	576	624
		610	559	368	543	518	353	3.9	45	99.12	—	—
SW32150802	Solid Bottom/Sides	32	15	7.5	29.38	13	6.88	5.6	100	1.52	1152	1248
		813	381	191	746	330	175	2.5	45	43.07	—	—
SW48150802	Solid Bottom/Sides	48	15	7.5	45.38	13	6.88	7.5	100	2.35	864	936
		1219	381	191	1153	330	175	3.4	45	66.52	—	—

Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

Straight Wall Containers



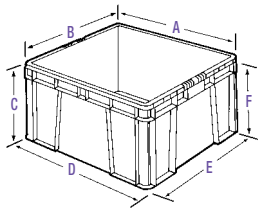
- Stock Colors: Dark Gray, Dark Blue
- Other colors available, minimum order required

= In Stock Items



Straight Wall Container System Specifications

Cross Cube Containers



- Stock Color: Dark Gray
- Other colors available, minimum order required

Model No.	Description	Dimensions			Inside Bottom		Inside Usable Height H"(F)	Weight lbs.	Weight Capacity lbs.	Volume Cu.Ft.	Trailer Capacity	
		L"(A)	Outside Top W"(B)	H"(C)	L"(D)	W"(E)					48'	53'
SX151208A4	Solid Bottom/Sides	15	12	7.5	13	9.38	6.38	2.8	100	0.45	3456	3744
	mm/kg/m ³ /l	381	305	191	330	238	162	1.3	45	12.75	—	—
SX241504A4	Solid Bottom/Sides	24	15	4	21.38	13	2.88	3.5	100	0.46	3456	3744
		610	381	102	543	330	73	1.6	45	13.12	—	—
SX241508A4	Solid Bottom/Sides	24	15	7.5	21.38	13	6.38	4.6	100	1.03	1728	1872
		610	381	191	543	330	162	2.1	45	29.06	—	—
SX24151000	Solid Bottom/Sides	24	15	9.5	21.38	13	8.38	6.2	100	1.35	1188	1404
		610	381	241	543	330	213	2.8	45	38.17	—	—
SX241511A4	Solid Bottom/Sides	24	15	11	21.38	13	9.88	5.9	100	1.59	1152	1248
		610	381	279	543	330	251	2.7	45	45.00	—	—
SX24151500	Solid Bottom/Sides	24	15	14.5	21.38	13	13.38	7.6	100	2.18	864	936
		610	381	368	543	330	340	3.4	45	61.86	—	—
SX242208A4	Solid Bottom/Sides	24	22	7.5	21.38	20.38	6.38	6.3	100	1.61	1152	1258
		610	559	191	543	518	162	2.9	45	45.60	—	—
SX242211A4	Solid Bottom/Sides	24	22	11	21.38	20.38	9.88	8.0	100	2.49	768	832
		610	559	279	543	518	251	3.6	45	70.55	—	—
SX242215A4	Solid Bottom/Sides	24	22	14.5	21.38	20.38	13.38	9.1	100	3.37	576	624
		610	559	368	543	518	340	4.1	45	95.55	—	—
SX48150800	Solid Bottom/Sides	48	15	7.5	45.38	13	6.38	8.9	100	2.18	864	936
		1219	381	191	1153	330	162	4.0	45	61.68	—	—

Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

Lids Straight Wall & Cross Cube

- Stock Color: Dark Gray

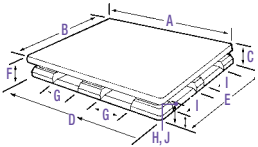
Model No.	Description	Dimensions Outside Top		Straight Wall Footprint
		L"	W"	
SL15120100	Injection Molded	15	12	15" x 12"
	mm/kg	381	305	
SL24150100	Injection Molded	24	15	24" x 15"
		610	381	
SL24220100	Injection Molded	24.03	22.06	24" x 22"
		610.3	560	

Label Placard & Card Holders

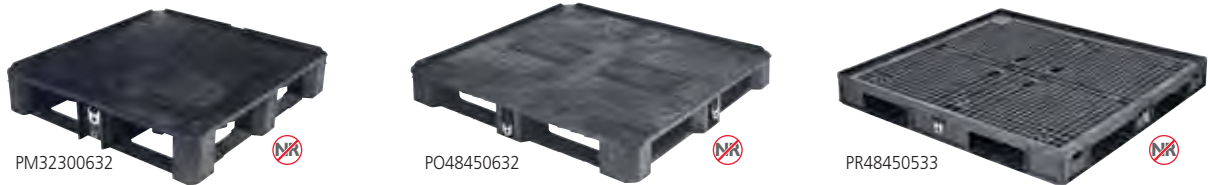
Identification Systems for Straight Wall Containers	Model Number
Self-Adhesive Clear Plastic Card Holder for 4.5" x 3.5" Card	04ACCH029473C00
Self-Adhesive Clear Plastic Card Holder for 6" x 4" Card	04ACCH029483C00
Kanban Style Card Holder, 8.25" x 4.25"	0804CHMX0200003
Label Placard, 4.5" x 6.5"	04ACLBPK00109

Reference page 54 for photos

Pallets



- Stock Color: Black
- Solid and vented decks
- 4-way entry
- Structural foam
- See page 10 for more pallet details

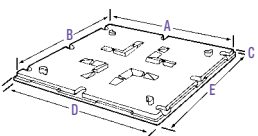


		Dimensions					Weight Capacity			Fork Tunnel Dimensions				Return Ratio	Truck Capacity		
Model No.	Description	L"(A)	External W"(B)	H"(C) [†]	Internal L"(D)	Internal W"(E)	Weight lbs.	Static lbs.	Dynamic lbs.	Rack lbs.	long side L"(G)	H"(H)	short side L"(I)		H"(J)	48'	53'
<div>S</div>	PM32300632 mm/kg	32	30	6	31.40	29.4	25.7	20,000	3000	N/R	9	3.7	8.7	3.7	1:1	864	960
		813	762	152	798	747	11.7	9074	1361	N/R	229	94	221	94	—	—	—
<div>S</div>	PW48400622	47.62	39.75	6.38	45.87	38	42.35	20,000	7000	2500*	11.75	3.38	10.38	3.38	1:1	420	450
		1210	1010	162	1165	965	19.2	9074	3176	1134*	298	86	264	86	—	—	—
<div>S</div>	PO48450632	48.75	45.75	6	48	45	58	30,000	3000	N/R	13.12	3.65	13.45	3.65	1:1	408	442
		1238	1162	152	1219	1143	28.6	13,612	1361	N/R	333	93	343	93	—	—	—
<div>S</div>	PR48450533	49	45.75	5	48	44.75	63	32,000	8000	N/R	8.75	3.5	11.2	3.5	1:1	360	390
		1245	1162	127	1219	1137	29	14,519	3630	N/R	222	89	284	89	—	—	—
<div>S</div>	PW48450622	47.62	44.75	5.87	45.87	43.25	45.31	20,000	7000	2500*	11.88	3.38	10.38	3.38	1:1	360	390
		1210	1137	149	1165	1099	21	9074	3176	1134*	302	86	264	86	—	—	—

[†]Height to deck. Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice.

All dimensions are approximate. *OPTIONAL CENTER STEEL RUNNER REQUIRED

Top Caps



- Stock Color: Black
- Optional seat belt systems to secure loads
- See page 10 for more pallet details

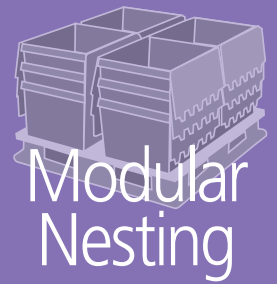
Model No.	Description	Dimensions			Top Cap Weight lbs.	Return Ratio	Compatible Pallet
		L"(A)	External W"(B)	H"(C)			
TM32300300	32"x30" (SF)	33	31	2.5	32.5	31.5	PM32300632
	mm/kg	838	787	64	826	800	—
TW48400200	48"x40" (SF)	48.56	40.63	2.25	48.17	40.24	PW48400622
		1233	1032	57	1224	1022	—
TO48450300	48"x45" (SF)	49.13	46.13	2.75	48.38	45.38	PO48450632, PR48450533
		1248	1172	70	1229	1153	—
TV48450300	48"x45" (VF)	49	46	3	48.5	45.5	PO48450632, PR48450533
		1245	1168	76	1232	1156	—
TR48450200	48"x45" (SF)	49	46	2	48.5	45.5	PO48450632, PR48450533
		1245	1168	56	1232	1156	—
TW48450200	48"x45" (SF)	48.63	45.63	2.25	48.24	45.23	PW48450622
		1235	1159	57	1225	1149	—

(SF) = Structural Foam (VF) = Vacuum Formed

Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

[S] = In Stock Items

Modular Nesting Container Systems



Modular Nesting

Buckhorn's Modular Nesting Container Systems meet shipping, work-in-process and staging demands for heavy-duty manufacturing applications.

- Two systems of containers designed to fit 48" x 45" and 32" x 30" pallets
- Containers stack, interwork within systems and cube their matching pallets
- Heavy-duty construction offers weight capacity to 200 lbs.
- Nesting saves return transport and storage space
- Attached, recessed lids interlock for superior product protection
- Reinforced tie holes in lids allow sealing for extra security
- Recessed lids create a perimeter lip for secure stacking
- Injection-molded HDPE containers resist impact, moisture, oil and most chemicals
- Use with temperatures of -20° to 120° F
- Systems meet AIAG standards for cube utilization
- See page 28 for container and pallet specifications



Rugged design provides greater worker efficiency and part protection versus cardboard boxes.

Did You Know...?

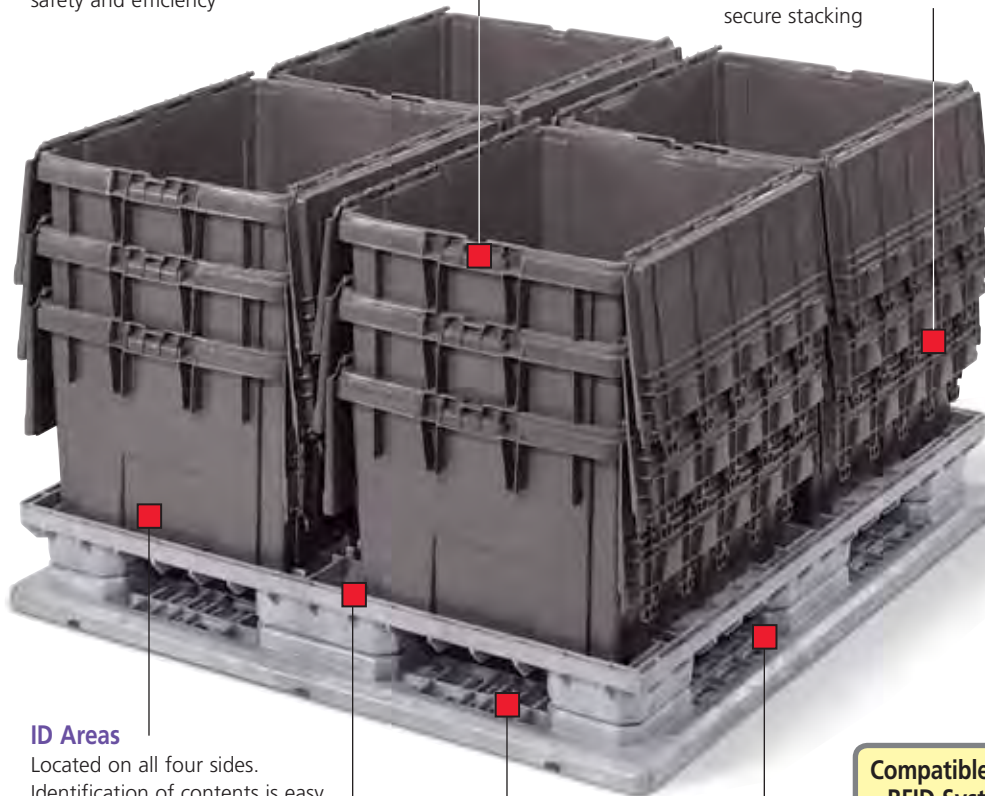
Buckhorn's Modular Containers were the first plastic totes to be used in the automotive industry.

Ergonomic Handles

Sure, comfortable grip for worker ease, safety and efficiency

Locking Lid Design

Attached-recessed lids snap shut for superior product protection and secure stacking



ID Areas

Located on all four sides. Identification of contents is easy with optional cardholders, label placards, and hot stamping
See page 54 for details



Container-Pallet "Interlock"

Interlocking ribs and channels provide two-directional stability for container stacks on pallet

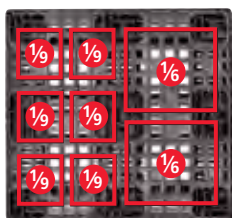
Dual-Handling Pallet Base

Pallets feature 4-way entry for forklifts and pallet jacks

Compatible with
RFID Systems

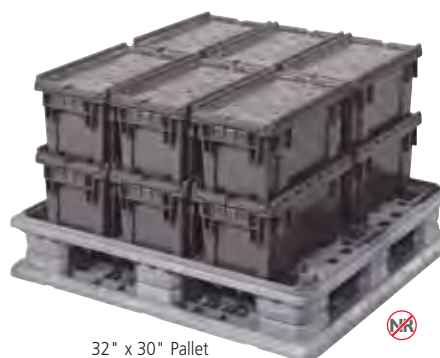
Multiple Container Sizes

Use up to 6 different container sizes with a 48" x 45" pallet. Use 2 different container sizes with our special 32" x 30" system



32" x 30" Pallet

 = Not Rackable
unless fully supported
See page 9 to learn more.



32" x 30" Pallet
PN323006VD



Modular Nesting Container Systems Specifications



MA12110789

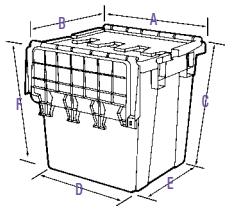


MA24111489



MA24191489

48" x 45" Modular Nesting Container System



- Stock Color: Dark Gray
- Drain holes are standard on containers

Model No.	Description	Dimensions					Inside Usable Height H"(F)	Weight lbs.	Weight Capacity lbs.	Volume Cu. Ft.	Nesting Ratio	48' Truck Stacked	Capacity* Nested	53' Truck Stacked	Capacity* Nested
		L"(A)	Outside Top W"(B)	H"(C)	L"(D)	Inside Bottom W"(E)									
MA12110789	1/16 Size	11.81	10.88	7.44	8.13	8.38	5.50	3.0	45	0.22	3.1:1	4608	8640	4992	9360
	mm/kg/l	300	276	189	207	213	140	1.4	20	6.14	—	—	—	—	—
MA24110989	1/8 Size (Short)	23.50	10.94	9	20.19	8.44	7.13	6.1	120	0.70	2.64:1	1920	3600	2288	3900
	mm/kg/l	597	278	229	513	214	181	2.8	54	19.91	—	—	—	—	—
MA24111489	1/8 Size (Tall)	23.50	10.94	14	20	8.25	12.13	7.6	120	1.16	3.11:1	1344	2736	1456	2964
	mm/kg/l	597	278	356	508	210	308	3.4	54	32.80	—	—	—	—	—
MA24191489	1/4 Size	23.50	18.94	14	20	16.19	12.13	11.1	120	2.27	3.11:1	576	1632	624	1768
	mm/kg/l	597	481	356	508	411	308	5.0	54	64.37	—	—	—	—	—

*Palletized in truck load quantities from the factory. Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.



MA10090989



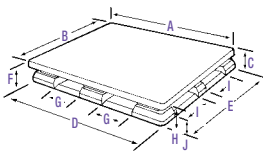
MA15080789

32" x 30" Modular Nesting Container System

- Stock color: Dark Gray
- Drain holes are standard on containers

Model No.	Description	Dimensions					Inside Usable Height H"(F)	Weight lbs.	Weight Capacity lbs.	Volume Cu. Ft.	Nesting Ratio	48' Truck Stacked	Capacity* Nested	53' Truck Stacked	Capacity* Nested
		L"(A)	Outside Top W"(B)	H"(C)	L"(D)	Inside Bottom W"(E)									
MA10090989	1/9 Size	9.75	8.56	9	6.81	6.19	7.16	2.4	45	0.17	2.77:1	5130	11,286	5670	12,474
	mm/kg/l	248	217	229	173	157	182	1.1	20	4.95	—	—	—	—	—
MA15080789	1/6 Size	15	8.25	7.44	12.13	6.13	5.75	3.1	60	0.25	2.29:1	4104	7128	4536	7920
	mm/kg/l	381	210	189	308	156	146	1.4	27	7.01	—	—	—	—	—

Modular System Pallet



- Stock Color: Dark Gray
- Heavy-duty structural foam construction for durability
- 4-way entry accommodates fork trucks and pallet jacks
- Interlocking rib and channel design provides two-directional stability for each container stack on the pallet

[S] = In Stock Items

Model No.	Description	Dimensions						Weight lbs.	Weight Static lbs.	Capacity Dynamic lbs.	Rack lbs.	Fork Tunnel Dimensions				Return Ratio	Truck Capacity 48'	Capacity 53'
		L"(A)	External W"(B)	H"(C)	L"(D)	Internal W"(E)	H"(F)					L"(G) long side	H"(H)	L"(I) short side	H"(J)			
PN323006VD	32" x 30"	32	30	5.54	30.5	28.25	5.25	30	6000	4000	N/R	7.38	2.50	6.38	2.50	1:1	1026	1144
	mm/kg	813	762	141	775	718	133	14	2722	1815	—	186	64	162	64	—	—	—

Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

Did You Know...?

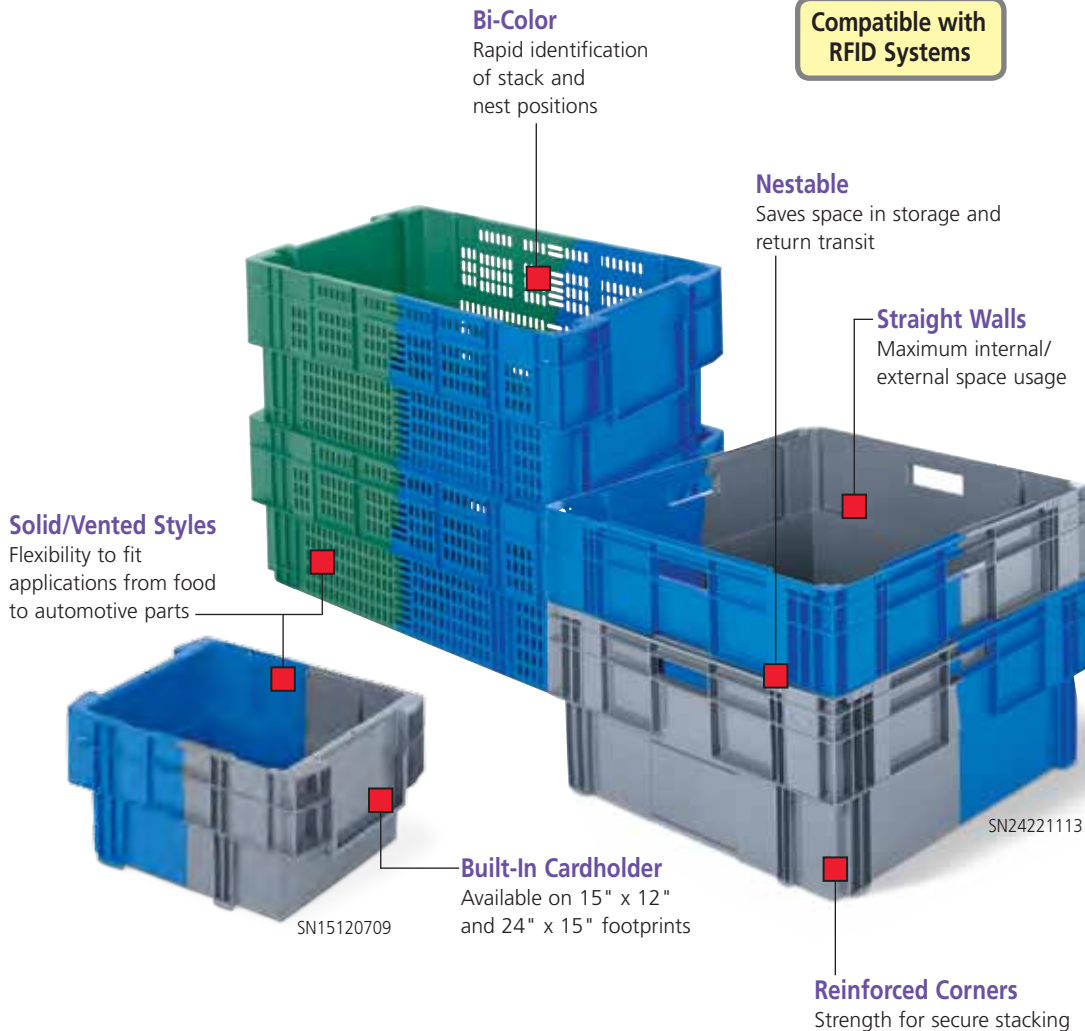
Buckhorn's 1/6 Modular Tote was the original AIAG fastener container.



Modular Nesting Containers are ideal for heavy-duty applications, such as shipping automotive and appliance components to assembly lines.

Bi-Color Stack & Nest Totes

Bi-Color Totes



Buckhorn's unique Bi-Color Stack & Nest Totes offer instant identification on empty (nested) or filled (stacked) status — perfect for Lean or color-coded manufacturing systems.

Ideal for a wide range of food, manufacturing and distribution applications, Bi-Color Totes are available in a wide variety of dimensions.

- Stack when loaded to protect contents, nest when empty with 180° turn for 50% space savings!
- Modular to 48" x 45" pallet
- Identification areas for labels, tags, RFID, and other ID systems **See page 54**
- Compatible with automated handling equipment
- All Bi-Color Totes come with drain holes
- Available with vented sidewalls and/or vented base
- Open handles for easy gripping. Ergonomic for comfortable lifting
- Custom colors available with minimum quantity order **See page 54**
- Smooth surfaces allow easy cleaning and label applications
- HDPE construction. Use with temperatures of -20° to 120° F



Did You Know...?

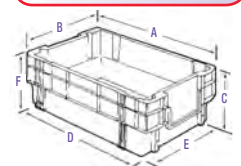
The unique, one-piece design of the Straight Wall Bi-Color Totes allows for optional dividers, cradles and dunnage to enhance product protection.



Model No.	Description	Stock Color	Dimensions			Inside Usable Height H"(F)	Weight lbs.	Weight Capacity lbs.	Volume Cu. Ft.	Nesting Ratio	48' Truck Stacked	Capacity Nested	53' Truck Stacked	Capacity Nested
			L"(A)	Outside Top W"(B)	H"(C)									
S SN15120709	Solid	GN/GR	15	12	7.50	11.5	10.4	7.0	2.8	35	.48	2:1	3456	6348
			381	305	191	292	264	178	1.3	16	13.72	—	—	—
S SN24150709	Solid	RD/GR, BL/GR	24	15	7.50	20.5	13.4	7.0	4.7	35	1.11	2:1	1440	2760
			610	381	191	521	340	178	2.1	16	31.51	—	—	—
SN24150799	Vented		24	15	7.50	20.5	13.4	7.0	4.7	35	1.11	2:1	1440	2760
			610	381	191	521	340	178	2.1	16	31.51	—	—	—
S SN24150909	Solid	BL/GR, GN/GR	24	15	9.50	20.5	13.4	8.78	5.3	45	1.40	2:1	1200	2160
			610	381	241	521	340	223	2.4	20	39.6	—	—	—
SN24220913	Solid		24	22.50	9	21.8	20.5	8.6	7.1	45	2.22	2:1	960	1920
			610	572	229	554	521	218	3.2	20	62.99	—	—	—
SN24221113	Solid		24	22.50	11	21.8	20.5	10.6	7.6	45	2.74	2:1	768	1536
			610	572	279	554	521	269	3.5	20	77.64	—	—	—

All Bi-Color totes come with drain holes. Also available with Vented Sidewalls and/or Vented Base. Color Code: GN/GR = Green/Gray, BL/GR = Blue/Gray, RD/GR = Red/Gray. Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

Bi-Color Stack & Nest Totes



- Stock Colors: see chart

Stack & Nest Totes

Buckhorn's Stack & Nest Totes are ideal for use in general manufacturing, distribution and food processing applications.

- Extra reinforcing ribs on the underside of the corner and flange prevent breakage from heavy loads or mishandling
- Smooth, finished edges of totes are safer to handle — no sharp edges or splinters
- Smooth interiors for easy cleaning
- Textured areas on some models allow easy application and removal of identification labels
- FDA-approved materials; USDA-approved designs
- Use with temperatures of -20° to 120° F
- Optional hot stamping, special colors or other identification methods are available



Stack & Nest MultiTrays

Ideal for in-plant handling of light components or parts washing applications. **See page 48**

Multi-Purpose Stack & Nest Totes



Stack & Nest Totes are Ideal for Applications in...



Agriculture



General Manufacturing

plus ...

- Food Handling
- In-Process Handling
- Pharmaceuticals
- Order Prep/Picking
- ... and many more!

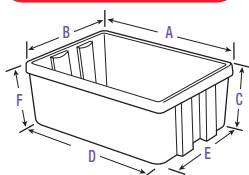


Did You Know...?

Cardboard Damages Quality

Unlike disposable packaging, reusable containers withstand repeated use and deliver superior product protection to maintain quality and reduce scrap rate.

Multi-Purpose Stack & Nest Totes



- Stock Color: Dark Gray

[S] = In Stock Items

Model No.	Description	Dimensions					Weight lbs.	Weight Capacity lbs.	Volume Cu. Ft.	Nesting Ratio	48' Truck Capacity ¹ Stacked	53' Truck Capacity ¹ Stacked	48' Truck Capacity ¹ Nested	53' Truck Capacity ¹ Nested
		L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	Inside Bottom W"(E)								
SN19131202	Textured Bottom	19.25	12.75	12.25	14.63	10.63	11.50	3.69	70	1.15	1624	5376	1792	6048
	mm/kg/l	489	324	311	372	270	292	1.66	32	33	—	—	—	—
SN20161200	Solid Side / Solid Base	20	16	12	17.50	11.13	11.13	4.81	60	1.26	1512	4212	1674	4860
		508	406	305	445	283	283	2.16	27	41	—	—	—	—
SN24161222	Vent Side / Vent Base	23.6	15.7	11.8	21.2	14.5	10.7	4.6	44	1.49	840	2660	900	2850
		599	401	300	559	366	272	2.10	20	50	—	—	—	—
SN29191002	Tex. Bottom/Ergo.	28.75	18.75	10.38	23.06	15.63	9.44	5.62	100	2.15	1078	2856	1188	3060
	Handles	730	476	265	586	397	240	2.53	45	61	—	—	—	—
SN29191033	Tex. Bottom/Ergo.	28.75	18.75	10.38	23.06	15.63	9.44	5.62	100	2.15	1078	2856	1188	3060
	Handles and Card Slot	730	476	265	586	397	240	2.53	45	61	—	—	—	—

¹Palletized in truck load quantities from the factory. Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

Did You Know?

40 Years

of Bringing Value to Customers in Diverse Markets

Fueled by our extensive range of products and capabilities, Buckhorn has delivered valued application solutions and stayed strong in our markets for more than 40 years. Whether designing a custom material handling container to transport poultry, creating efficient,

safe seed distribution containers or outfitting distribution centers with trackable pallets, the people of Buckhorn focus on one goal: to build exceptional value through products, performance and service that leads to satisfied, loyal customers!

Don't Crush the Bread!

In 1965, Buckhorn created the first reusable plastic bakery tray for the Kroger Co., starting an industry-wide conversion. Today, Buckhorn boasts the most complete selection of bakery trays, which reduce transport costs, improve product protection and increase productivity in bakery manufacturing, packaging and distribution.



Building a Better Car...

Modular attached lid containers from Buckhorn were the first reusable container and pallet systems for the auto industry in the early 1980s at the Buick City plant in Michigan – reducing solid waste by more than 85%. Today, Buckhorn totes replace cardboard boxes on assembly lines to deliver superior product protection and improve vehicle quality.



How Did Your Shampoo Get to Market?

Buckhorn developed the first attached lid, reusable distribution containers in the early 1970s. The containers are used today for shipping, picking and storing a wide range of products in retail distribution, grocery and manufacturing supply chains.



Attached Lid

Buckhorn offers Attached Lid Containers in many sizes and styles for shipping, picking and storage. Ideal for applications in distribution, grocery and general manufacturing, these containers deliver long-lasting, cost-saving performance.

- With lids open, Attached Lid Containers nest for maximum space usage in trucks, storerooms and on pallets
- Handle styles including ergonomic, closed and open (vary by model)
- Easy-to-clean interiors
- Injection-molded HDPE construction resists impact, moisture and most chemicals
- Use with temperatures of -20° to 120° F
- Options: Hot stamping, identification areas for labels and tags, RFID, card holders, special colors or other identification methods are available for container control program

Buckhorn's packaging experts will help you select the right container for your supply chain operations.



Buckhorn Attached Lid Containers are available in a wide range of popular sizes for any distribution requirement.

Attached Lid Containers

Steel Hinge Pins

Maximize stacking strength and are 100% recyclable

Heavy-Duty Continuous Hinges

Lid hinges are designed with inset ends for extra protection and long service life

Reinforced Security Tie Holes

Reinforced tie holes in both ends on most models fit security ties and tamper evident seals to secure lids for shipping and handling

Interlocking Fingers on Lids

Provides secure closure and adds strength for secure stacking

Reinforced Sides & Corners

Added protection against breakage from heavy loads or rough handling

Ergonomic Handles

Deep, reinforced design makes lifting easy. Closed and open styles available on some models

Textured ID Areas

Allow easy application/removal of labels and bar codes as container moves through the supply chain; located on lids and sides

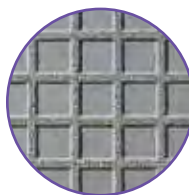
21" x 15" Attached Lid Container

Unique all-plastic "locking" hinge increases security and is recyclable without removing hinge pins (AA model only)

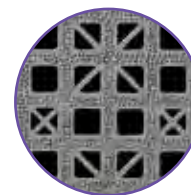


Various Bottom Styles

Many Buckhorn containers are available in a variety of bottom styles: solid bottoms provide security and prevent leakage; open bottoms and drain holes allow easy clean-up; solid textured bottoms offer maximum traction on conveyor systems



Solid-Textured



Open-Textured



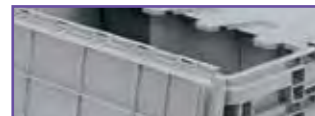
Recessed Lid (AR)

Most containers feature recessed lids which create a 1/2" perimeter lip for secure stacking of loaded containers



Strapping Lid (AS)

Optional raised stops are available on some sizes for banding applications



Reinforcing Ribs on Lids

For added strength and rigidity to withstand heavy-load stacking in any environment

Attached Lid Container Specifications



AR20120702



AR21150902



AR21151202



AR21151702



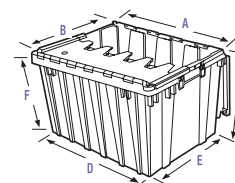
AF21150702
Bi-Fold Lid



AA21151202
All plastic hinges

Did You Know...?

The 21" x 15" x 9" container was designed for split case warehouse picking for shipment to retail.



20" x 12" Containers

- Cube 40" x 40" pallets
- Stock Color: Light Gray

Model No.	Description	L"(A)	Outside Top W"(B)	H"(C)	Dimensions Inside Bottom L"(D)	W"(E)	Inside Usable Height H"(F)	Weight lbs.	Weight Capacity lbs.	Volume Cu. Ft.	Nesting Ratio	Lid Type	48' Truck Stacked	Capacity Nested	53' Truck Stacked	Capacity Nested
AR20120702	Solid/Textured Bottom	20	11.69	7.50	16.88	9.63	6.06	3.78	40	.61	3.0:1	(R)	3360	5616	3720	6480
	mm/kg/l	510	295	190	430	245	153	1.70	18	.017	—	—	—	—	—	—

(R) Recessed Lid

Model No.	Description	L"(A)	Outside Top W"(B)	H"(C)	Dimensions Inside Bottom L"(D)	W"(E)	Inside Usable Height w/Lid S"(F)	Weight lbs.	Weight Capacity lbs.	Volume w/lid Cu. Ft. (S)	Nesting Ratio	Lid Type	48' Truck Stacked	Capacity Nested	53' Truck Stacked	Capacity Nested
AR21150921	Open/Textured Bottom	21.75	15.25	9.63	18.38	13	8.13	—	5.29	60	1.22	—	4.3:1	(R)	1837	4452
	mm/kg/l	552	387	245	467	330	205	—	2.38	27	35	—	—	—	—	—
AR21150902	Solid/Textured Bottom	21.75	15.25	9.63	18.38	13	8.13	—	5.29	60	1.22	—	4.3:1	(R)	1837	4452
	mm/kg/l	552	387	245	467	330	205	—	2.38	27	35	—	—	—	—	—
AR21151221	Open/Textured Bottom	21.75	15.25	12.50	17.88	12.50	11.13	—	6.01	60	1.61	—	5:1	(R)	1336	3816
	mm/kg/l	552	387	318	455	320	285	—	2.70	27	46	—	—	—	—	—
AR21151202	Solid/Textured Bottom	21.75	15.25	12.50	17.88	12.50	11.13	—	6.01	60	1.61	—	5:1	(R)	1336	3816
	mm/kg/l	552	387	318	455	320	285	—	2.70	27	46	—	—	—	—	—
AR21151702	Solid/Textured Bottom	21.80	15.25	17	17.93	12.45	15.94	—	6.88	60	2.05	—	5.4:1	(R)	520	2208
	mm/kg/l	553	387	431	455	316	404	—	3.21	27	58	—	—	—	—	—

(R) Recessed Lid Containers are available with bails and other optional features with minimum quantity order.

21" x 15" Containers

- Choose from 9", 12" and 17" heights
- 60 lb. capacity
- AR21151202 and AR21150902 available in Light Gray, Green

21" x 15" Bi-Fold Containers

- Ideal for distribution of small orders up to .78 cubic feet
- Stock Color: Light Gray

21" x 15" Locking Hinge Container

Model No.	Description	L"(A)	Outside Top W"(B)	H"(C)	Dimensions Inside Bottom L"(D)	W"(E)	Inside Usable Height H"(F)	Weight lbs.	Weight Capacity lbs.	Volume Cu. Ft.	Nesting Ratio	Lid Type	48' Truck Stacked	Capacity Nested	53' Truck Stacked	Capacity Nested
AF21150702	Solid/Textured Bottom	21.50	15.25	6.63	18.38	12.75	5.25	4.70	60	78	2.21:1	(R)	2652	3120	2958	3360
	mm/kg/l	546	387	168	467	323	133	2.11	27	22	—	—	—	—	—	—

(R) Recessed Lid

Model No.	Description	L"(A)	Outside Top W"(B)	H"(C)	Dimensions Inside Bottom L"(D)	W"(E)	Inside Usable Height H"(F)	Weight lbs.	Weight Capacity lbs.	Volume Cu. Ft.	Nesting Ratio	Lid Type	48' Truck Stacked	Capacity Nested	53' Truck Stacked	Capacity Nested
AA21151202	Attached Lid Container	21.75	15.25	12.50	17.88	12.50	11.13	6.01	60	1.61	5:1	(R)	1336	3816	1448	4176
	mm/kg/l	552	387	318	455	320	285	2.70	27	46	—	—	—	—	—	—

Optional smooth bottoms available. (R) Recessed Lid Gray is available for immediate shipment, other colors available with minimum quantity order.

Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

[S] = In Stock Items



Attached Lid Container Specifications

Did You Know...?

Buckhorn's interlocking lid (patented design) is the strongest in the industry and helps to prevent containers from collapsing under stacked loads.



AS22131202



AR24201202



AR25151302
SecureTote™



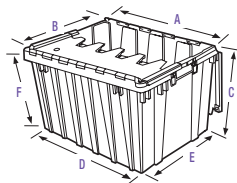
AR27171202



AS28211502



AS34242012



22" x 13" Containers

- Strapping lid provides optimum internal cube for greater payload capacity
- Stock Color: Light Gray

		Dimensions					Inside Usable	Weight	Weight							
Model No.	Description	L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	W"(E)	Height H"(F)	lbs.	Capacity lbs.	Volume Cu. Ft.	Nesting Ratio	Lid Type	48' Truck Stacked	Capacity Nested	53' Truck Stacked	Capacity Nested
AS22131221	Open/Textured Bottom	22.38	13	12.88	18.8	10.1	11.8	6.08	60	1.42	3.96:1	(S)	1400	4200	1568	4702
	mm/kg/l	567	330	327	483	254	298	2.73	27	40	—	—	—	—	—	—
<div>S</div> AS22131202	Solid/Textured Bottom	22.38	13	12.88	18.8	10.1	11.8	6.08	60	1.42	3.96:1	(S)	1400	4200	1568	4702
	Open Handholds	567	330	327	483	254	298	2.73	27	40	—	—	—	—	—	—
(S) Strapping Lid																

(S) Strapping Lid

24" x 20" Containers

- High capacity to reduce handling time
- Cubes standard 48" x 40" pallet - 4 per layer
- Stock Color: Light Gray

		Dimensions					Inside Usable	Weight lbs.	Weight Capacity lbs.	Volume w/lid		Nesting Ratio	Lid Type	48' Truck Stacked	Capacity Nested	53' Truck Stacked	Capacity Nested	
Model No.	Description	L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	W"(E)	Height H"(F)			Cu. Ft. (R)	(S)							
S	AR24201202	Recessed Lid/Solid Bottom	24	19.5	12.63	20.5	16.6	10.8	8.31	80	2.30	—	5.6:1	(R)	928	3360	1000	3840
	mm/kg/l		610	495	320	520	423	273	3.74	36	65	—	—					
	(R) Recessed Lid																	

(R) Recessed Lid

25" x 15" SecureTote™

- Four reinforced tie holes in lids
- Stock Color: Dark Blue

		Dimensions					Inside Usable	Weight	Weight	Volume w/lid							
Model No.	Description	L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	W"(E)	Height H"(F)	lbs.	Capacity lbs.	Cu. Ft. (R)	(S)	Nesting Ratio	Lid Type	48' Truck Stacked	Capacity Nested	53' Truck Stacked	Capacity Nested
<div>S</div> AR25151302	Solid/Textured Bottom	24.50	15	13.19	20.95	12.17	11.75	7.5	50	1.9	—	4.2:1	(R)	800	2976	896	3224
	mm/kg/l	622	381	335	532	309	298	3.4	23	54	—	—					
	(R) Recessed Lid																

(R) Recessed Lid

Containers are available with bails and other optional features with minimum quantity order.

Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

S = In Stock Items



Model No.	Description	Dimensions					Inside Usable Height H"(F)	Weight lbs.	Weight Capacity lbs.	Volume Cu. Ft.	Nesting Ratio	Lid Type	48' Truck Stacked	Capacity Nested	53' Truck Stacked	Capacity Nested
		L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	W"(E)										
[S] AR27171202	Solid/Textured Bottom	27	16.88	12.5	23.5	13.8	10.9	8.19	100	2.25	4.3:1	(R)	840	2914	920	3074
		685	430	320	600	350	278	3.72	45	64	—	—	—	—	—	—
AS27171202	Solid/Textured Bottom	27.13	16.88	12.5	23.5	13.8	11.4	8.19	100	2.34	4.3:1	(S)	840	2914	920	3074
		689	430	320	600	350	289	3.72	45	66	—	—	—	—	—	—

(R) Recessed Lid (S) Strapping Lid

27" x 17" Containers

- 12" height
- Ideal for long, bulky products
- AR27171202 available in Light Gray, Red, Green, Dark Blue

Model No.	Description	Dimensions					Inside Usable Height H"(F)	Weight lbs.	Weight Capacity lbs.	Volume Cu. Ft.	Nesting Ratio	Lid Type	48' Truck Stacked	Capacity Nested	53' Truck Stacked	Capacity Nested
		L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	W"(E)										
[S] AS28211502	Solid/Textured Bottom	28	20.75	15.44	25	18	14	12.6	100	3.82	2.79:1	(S)	564	1408	624	1496
	mm/kg/l	710	530	390	635	460	355	5.65	45	108	—	—	—	—	—	—
[S] AS34242012	Solid/Smooth Bottom	34	24	19.63	29.9	19.5	18.1	19.0	100	6.62	2.74:1	(S)	345	720	390	816
	Open Handholds	865	610	500	760	495	460	8.54	45	530	—	—	—	—	—	—

(S) Strapping Lid

28" x 21" 34" x 24" Containers

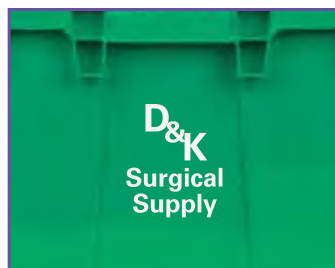
- Designed for large-size distribution applications
- Stock Color: Light Gray

Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

Buckhorn Attached Lid Containers Pack Cost Saving Advantages

Address the challenges of delivering your valuable products safely to market with a program of reusable packaging from Buckhorn.

To learn more about the benefits of Buckhorn Attached Lid Containers, call (800) 543-4454 today!



Identification

Hot stamped logos, card holders and RFID options provide quick and easy tracing and identification of sensitive and valuable products. **See page 54 for more labeling options.**



Cleanliness

Plastic containers and pallets are easy to clean, molded in FDA-approved resins and will not splinter, shed fibers, or absorb moisture and odors.



Automation Capability

Hand-held containers are compatible with conveyors, robotics, ASRS and other automation devices.



Product Protection

Reinforced sides and corners provide added protection against breakage.



Ergonomic Handling

Lightweight hand-held containers with deep ergonomic handles provide efficient, safe handling to protect workers and contents.

Detached Lid

Buckhorn's Detached Lid Containers are available in 21" x 15" and 24" x 20" footprints. Various heights and styles allow you to match the right container to your operations – from retail/ wholesale distribution to grocery and general manufacturing applications.

- High capacities and durable construction increase productivity and reduce product damage
- Detached lids snap tight for secure closure
- Provide long life and lower cost per trip versus cardboard boxes
- Containers stack firmly with lids, nest when empty, and interwork for optimum space utilization
- Several identification options available. **See page 54**
- HDPE construction. Use with temperatures of -20° to 120° F

Detached Lid Containers

Reinforced Tie Holes

Tie holes in both ends fit many styles of security ties for shipping and handling

Lids

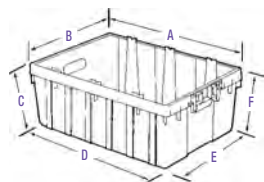
Recessed lid creates a retaining wall to form secure stacks

Textured Bottom

Maximize traction on conveyors. Standard on most models. Smooth bottoms are available

Ergonomic Handles

For comfortable lifting (open or closed handles on some models)



21" x 15" Containers

- Stock Colors: Light Gray, Light Blue

Model No.	Description	Dimensions Outside Top			Dimensions Inside Bottom			Weight lbs.	Weight Capacity lbs.	Volume w/lid			Nesting Ratio	48' Truck Capacity		53' Truck Capacity	
		L"(A)	W"(B)	H"(C)	L"(D)	W"(E)	H"(F)			Cu. Ft. (R)	Cu. Ft. (S)	Ht. (HC)		Stacked w/lid (R)	Nested w/lid (S)	Stacked w/lid (R)	Nested w/lid (S)
DL21150902	Ergo. Handles/Solid Bottom	21.38	15.25	9.56	18.4	13	9.0	3.36	60	1.22	1.32	1.48	4.3:1	1837	1670	4800	5184
	Textured Bottom	543	387	243	467	330	229	1.52	27	35	37	42	—	—	—	—	—
DL21150920	Ergo. Handles/Open Bottom	21.38	15.25	9.56	18.4	13	9.0	3.36	60	1.22	1.32	1.48	4.3:1	1837	1670	4800	5184
	Smooth Bottom	543	387	243	467	330	229	1.52	27	35	37	42	—	—	—	—	—

Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

24" x 20" Containers

- Cube 48" x 40" Pallets, 4 per layer

Model No.	Description	Dimensions Outside Top			Dimensions Inside Bottom			Weight lbs.	Weight Capacity lbs.	Volume w/lid			Nesting Ratio	48' Truck Capacity		53' Truck Capacity	
		L"(A)	W"(B)	H"(C)	L"(D)	W"(E)	H"(F)			Cu. Ft. (R)	Cu. Ft. (S)	Ht. (HC)		Stacked w/lid (R)	Nested w/lid (S)	Stacked w/lid (R)	Nested w/lid (S)
DL24201202	Ergo. Handles/Solid Bottom	24	20	12.38	20.5	16.6	11	4.94	80	2.36	2.56	5.5:1	5.5:1	896	896	3640	3040
	Textured Bottom	610	508	314	521	422	279	2.24	36	67	73	—	—	—	—	—	—

Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

21" x 15" Lid

Model No.	Description	L"(A)	Dimensions Outside Top W"(B)	H"(C)
DR21150100	Recessed Lid	21.38	15.13	1.13
mm/kg		543	384	29

24" x 20" Lid

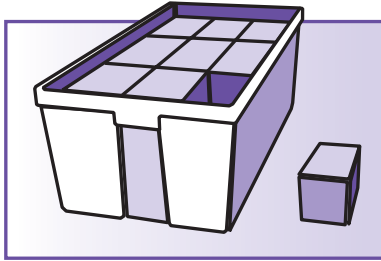
Model No.	Description	L"(A)	Dimensions Outside Top W"(B)	H"(C)
DR24200100	Recessed Lid	24	20	1.13
mm/kg		610	508	29

[S] = In Stock Items



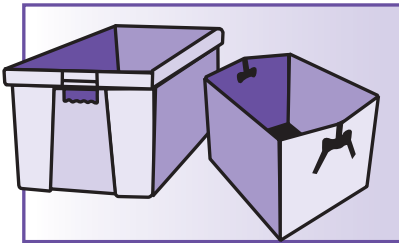
Selecting Shipping Containers to **Improve Your Workflow!**

Why reusable packaging? Because reusables are designed for multiple trips and applications in a closed-loop supply chain and offer superior strength, protective properties, and optimal space usage. Below are some key factors to consider when selecting your containers...



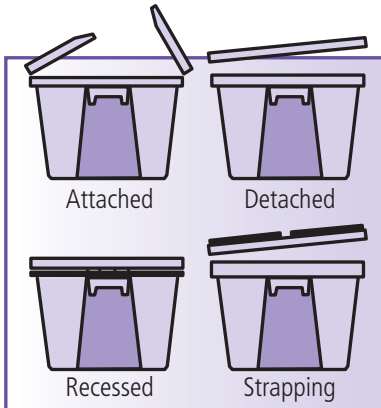
What size containers do I need?

Consider your product mix, material handling procedures and product weight. A container that accommodates 90% or more of the items you ship is ideal. Also consider the type of freight carrier – by maximizing trailer cube, you can save more than 15% on shipping expenses.



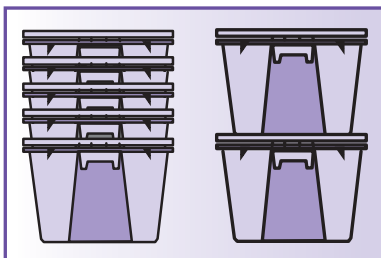
What material should I choose?

The choice of what container works best – whether it is metal, plastic, paperboard or other – depends on the specific operation and the product being shipped. Ideally, it will suit all the requirements of the application **and** provide the lowest, long-term cost. The economies of reusable plastic containers versus cardboard are well documented, and few companies can afford the high costs of throw-away containers.



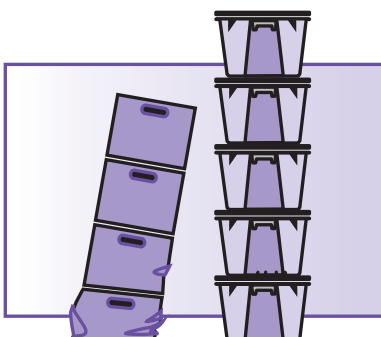
What type of lid is best?

The choices of lid types are many: attached, detached, recessed and strapping. Detached lids permit ease of access to the container, while attached lids save time in handling and are less likely to be lost. Recessed lids aid in stacking by providing a perimeter lip, but limit internal space. Hi-cube lids maximize internal space usage.



What other qualities are important?

Nestability – Nesting containers can save as much as 80% of the cube in return trips and in staging empties for return. Nesting is made possible by the taper of the container's sidewalls.



Stackability – Positive stacking containers not only save space in storage and shipping, but they also simplify handling because they are easier to move. Stacking ability is limited to the load-bearing capacity of the bottom container in a stack – to protect both the contents and the container against crushing.

Liquid Handling IBCs



Buckhorn's Intermediate Bulk Containers (IBCs) offer safe, sound and secure liquid material handling. The Buckhorn IBC selection is represented by two distinct lines: the **Caliber® Series**, featuring products acquired from Schoeller Arca Systems, and Buckhorn's original **Citadel™** and **Citadel-v™** line — providing a variety of choices for any application!

These containers are compact, collapsible and designed to handle both fluid and dry products. Their clear advantages over traditional single trip, disposable alternatives include:

- Molded from FDA-approved polypropylene, USDA-approved designs
- Substantially lowers packaging costs and cost per trip with a returnable / reusable system
- Limited use of packaging materials (only the liner bag is disposable)
- Safety — improved product protection and storage
- Easy to fill, discharge and transport
- Optimal space utilization — stackable and foldable
- Secure stacking up to five-high with up to 3,000 lbs. of product*
- Withstand temperature extremes
- Certified for rail shipping



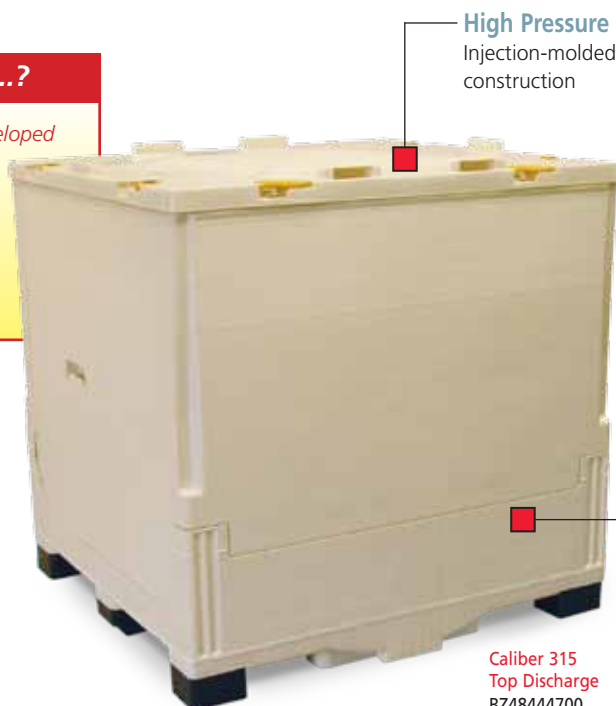
Caliber 270 IBCs provide complete utilization of available space in a sea container.

*Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice.

Caliber® Series Intermediate Bulk Containers

Did You Know...?

Caliber IBCs were developed in cooperation with global food and beverage companies as a custom container system for shipping and storing large volumes of fluids.



High Pressure
Injection-molded construction



AAR: GLS no. 695

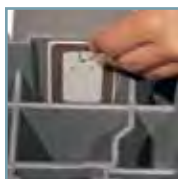
Low Tare Weight
Allows more product per truckload and lowers transport costs

Caliber 315
Top Discharge
BZ48444700



Hygienic Design

Flat, smooth surfaces and rounded corners ensure the highest level of hygiene and ease of cleaning. Constructed of FDA-approved materials.



RFID Tracking

Caliber containers come standard with 2 RFID tags molded in each box (can be changed to suit customer specifications).



Collapsible

Caliber containers can be easily and quickly collapsed when empty for space-saving storage and distribution. Up to 2.5:1 return ratio.



Liner

Fluid contents are filled into a specially designed liner bag, which is well protected inside the container. Buckhorn can assist you with your liner supply requirements.



Lid & Sidewall Hand Grips

Integrated hand grips on the lid make it easy to remove or place on the container.



Easy Handling

A forklift compatible base allows efficient and secure handling from all four sides.



Stacked Collapsed Containers

Caliber lids stack directly on top of each container when collapsed.



Caliber IBCs are injection molded of food grade polypropylene and have completely smooth surfaces to satisfy the strictest hygienic standards. They are collapsible, reusable, clean and cost-effective throughout the entire handling process. Their low tare rate helps minimize transport costs, and their durable construction tolerates temperature ranges from 0° to 140°F (-17.8° to 60°C). Available in three sizes: 270 gallons, 300 gallons and 315 gallons, Caliber IBCs can handle different fluids under varying conditions. Caliber can also be used for dry products such as powders, granulate and flakes.



- Designed to withstand the toughest demands, including filling under pressure, long-term outdoor storage, rail transport and hot fill applications
- Available in solid and bottom discharge versions
- Lids stack with the boxes when collapsed
- Compatible with form-fit and pillow style liners



One Caliber 315 IBC container holds the equivalent liquid content of nearly six 55-gallon barrels in the same footprint taken up by four barrels.



Bottom Discharge Styles
All Caliber IBCs feature built-in sloped discharge option that enables fast, unhindered flow for emptying.

Lid Locking System
Secures lids at eight tamper evident locations



BZ484441



Caliber 300
Bottom Discharge
BZ484444V0



BZ484447

Caliber 270[†]

- 267 gallon capacity
- Post-and-pocket corner locking system

Caliber 300[†]

- 295 gallon capacity
- Corner rod locking system

Caliber 315

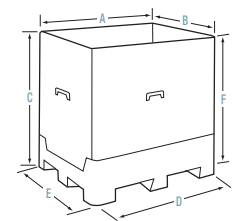
- 315 gallon capacity
- Post-and-pocket corner locking system

Model No.	Description	Dimensions						Capacity*			Return Ratio	Recommended Max Stack Height Filled	Truck Capacity			
		Outside L"(A)	Outside W"(B)	Outside H"(C)	Inside L"(D)	Inside W"(E)	Inside H"(F)	Weight lbs.	Weight lbs.	Fill Volume Gallon			48" Collapsed	48" Opened	53" Collapsed	53" Opened
BZ48444100	Caliber 270	48.6	44.7	41.9	44.9	40.9	33.5	205	3307	267	2.2:1	5	48	120	56	168
	Top	1235	1135	1064	1140	1040	852	93	1500	1011	—	—	—	—	—	—
BZ484441V0	Caliber 270	48.6	44.7	41.9	44.9	40.9	33.5	205	3307	267	2.2:1	5	48	120	56	168
	Bottom Discharge	1235	1135	1064	1140	1040	852	93	1500	1011	—	—	—	—	—	—
BZ48444400	Caliber 300	48.6	44.7	45.6	44.9	40.9	38.5	225	3307	295	2.4:1	5	48	120	56	168
	Top	1235	1135	1158	1140	1040	978	102	1500	1117	—	—	—	—	—	—
BZ484444V0	Caliber 300	48.6	44.7	45.6	44.9	40.9	38.5	225	3307	295	2.4:1	5	48	120	56	168
	Bottom Discharge	1235	1135	1158	1140	1040	978	102	1500	1117	—	—	—	—	—	—
BZ48444700	Caliber 315	48.6	44.7	48.0	44.9	40.9	40.9	225	3307	315	2.5:1	5	48	120	56	168
	Top	1235	1135	1120	1140	1040	1038	102	1500	1192	—	—	—	—	—	—
BZ484447V0	Caliber 315	48.6	44.7	48.0	44.9	40.9	40.9	225	3307	315	2.5:1	5	48	120	56	168
	Bottom Discharge	1235	1135	1120	1140	1040	1038	102	1500	1192	—	—	—	—	—	—

*Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.
[†]Minimum order required. Call for details.

[S] = In Stock Items

Caliber IBC Series



■ Stock Color: Tan

Liquid Handling IBCs

With Citadel and Citadel-v collapsible Intermediate Bulk Containers, Buckhorn continues to set the standard for secure storage and transport of bulk liquid and semi-solid materials.

The Citadel IBC:

- Sized to handle 302 gal./3,000 lbs. of product
- Fully-reinforced Citadel™ features a designed-in support structure to stack up to five high for long-term outdoor storage
- Reduces product contamination from wood products and withstands the effects of sun, wind, rain, ice or snow
- Structural foam molded for superior strength

The Citadel Advantage

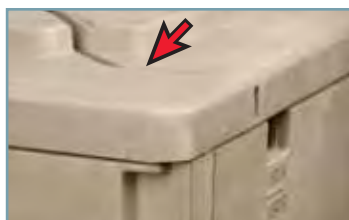
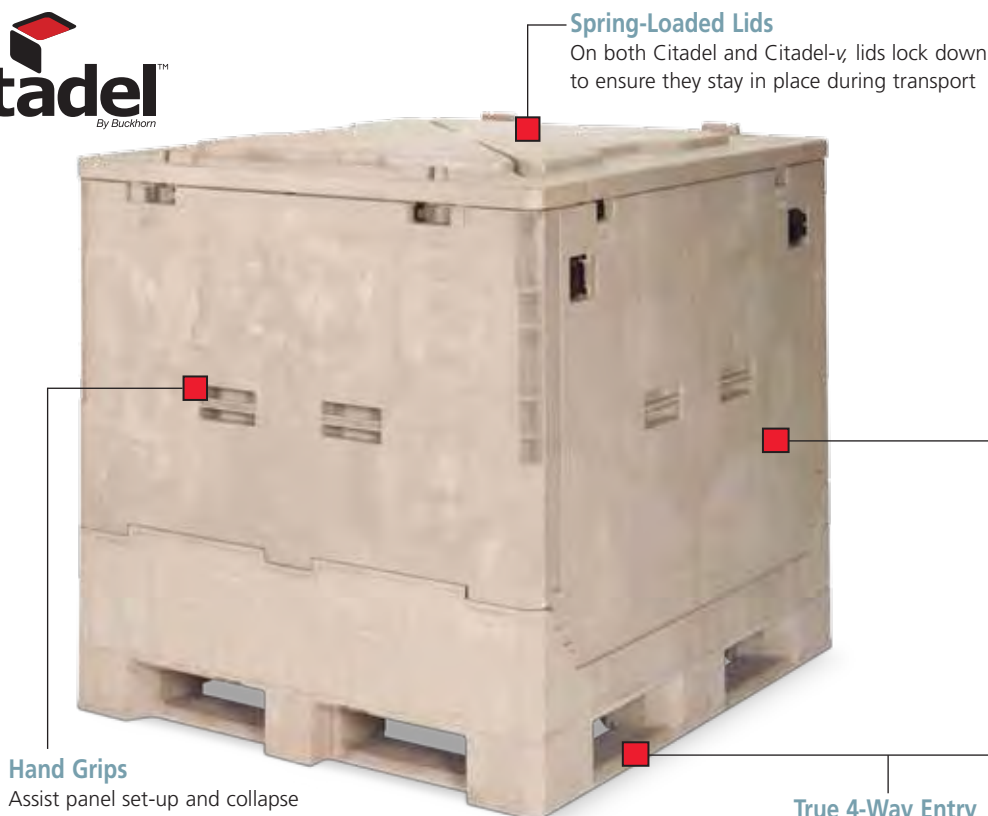


Greater protection and safety...



...Eliminating the dangers of protruding nails, splinters and sharp metal banding of other packaging types.

Citadel™ Intermediate Bulk Containers



Contoured, channeled lid prevents the accumulation of water and debris. Lids fit flush with walls to prevent damage in transit



For maximum volume capacity, Buckhorn recommends the use of form-fit liners that match the shape of the Citadel

True 4-Way Entry
Easy handling from any orientation



AAR: GIS no. 695

Superior Construction & Quality

- Weather and chemical resistant
- Polypropylene construction performs well in extreme temperatures: 0° to 140°F (-17.8°C to 60°C)
- Will not rust, peel, splinter or disintegrate – smooth and safe for long service
- 100% recyclable when your needs change

Secure, Efficient Stacking

- Interlocking lid and base – recessed lid channels accommodate base feet and runners for secure, interlocked stacking during transit and long-term storage
- Stack up to five containers high



Valuable Benefits

Ergonomic: Designed for safe operation. No sharp edges or exposed nails and splinters to injure workers or damage product

Space Savings: Efficiently cubes out warehousing space and transportation vehicles to reduce freight and handling costs

Cost Effective: Eliminates waste and costs associated with wood packaging and metal banding. Stands up to rough handling. Easy to set up and collapse. Completely recyclable

Superior Quality: Designed and tested under ISO 9001:2000 standards

FDA-Approved Materials: Safe for use in food environments

Environmentally Friendly Packaging: Reduces waste and disposal costs

Citadel-v™ Intermediate Bulk Containers



Structural Foam Construction

Delivers maximum strength and durability

Base Rails

Allow efficient handling on conveyor systems



Multiple lid locks



Smooth interior and exterior surfaces



Easy, one-person set-up and fold down



Multiple identification areas for cards and labels



Built-in fitment

Benefits:

- Attached high-impact cover protects fitment from damage and cross contamination
- Centrally located in base for ease of use
- Accommodates 2" valves



Liquid Handling IBCs

The Citadel-v is a bottom discharge IBC that incorporates the added feature of an easy-to-reach, recessed fitment port in its base. The fitment port has a unique, high-impact cover for added content security and protection from damage.

The Citadel-v IBC:

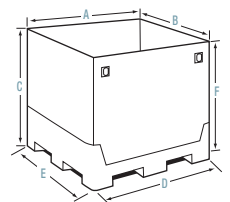
- Perfect for food processing, cosmetic, chemical, pharmaceutical and other non-hazardous liquid product handling applications
- Compatible with form-fit and pillow style liners
- Eliminates one-way packaging and waste disposal costs
- 302 gallon/3,000 lb. capacity
- The 48" x 45" x 46" footprint cubes out warehouses, trailers, and rail cars, reducing wasted storage space by up to 40%
- Internal sump area enables fast, unhindered flow for emptying
- Structural foam, HDPE construction withstands temperatures from -20° to 120°F (-29° to 49°C)

The durable construction of Buckhorn's Citadel and Citadel-v Intermediate Bulk Containers ensures that they will withstand rough handling and shipping environments for long-term performance and savings, trip after trip.



Citadel and Citadel-v containers collapse and stack with lids separately to eliminate unnecessary destacking and sorting time

Citadel IBC



- Option: Anti-skid rubber pads

Model No.	Description	Dimensions						Weight lbs.	Weight lbs.	Capacity**		Return Ratio	Recommended Max Stack Height Filled	Truck Capacity			
		L"(A)	W"(B)	H"(C)	L"(D)	Inside W"(E)	H"(F)			Cu. Ft.	Gallon			48"	53"	Opened	Collapsed
BP48454600PF600***	Top Discharge	48.25	45.13	45.44*	44.63	41.63	37.56	251	3000	40.37	302	2.9:1	5	48	120	52	156
		1225	1146	1154	1133	1057	954	114	1361	1143	1143	—	—	—	—	—	—
TP48450300PF000	Replacement Lid	47.94	44.94	2.69	—	—	—	25	—	—	—	—	—	—	—	—	—
		1217	1141	70	—	—	—	11	—	—	—	—	—	—	—	—	—
BQ484546V051600***	Bottom Discharge	48.25	45.13	45.44*	44.63	41.63	37.56	251	3000	40.37	302	2.9:1	3	48	120	52	156
		1225	1146	1154	1133	1057	954	114	1361	1143	1143	—	—	—	—	—	—
TQ48450300PF000	Replacement Lid	47.94	44.94	2.69	—	—	—	25	—	—	—	—	—	—	—	—	—
		1217	1141	70	—	—	—	11	—	—	—	—	—	—	—	—	—

*46.75 w/Lid **Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice.

*** Lid is included with container. All dimensions are approximate.

Agricultural Containers

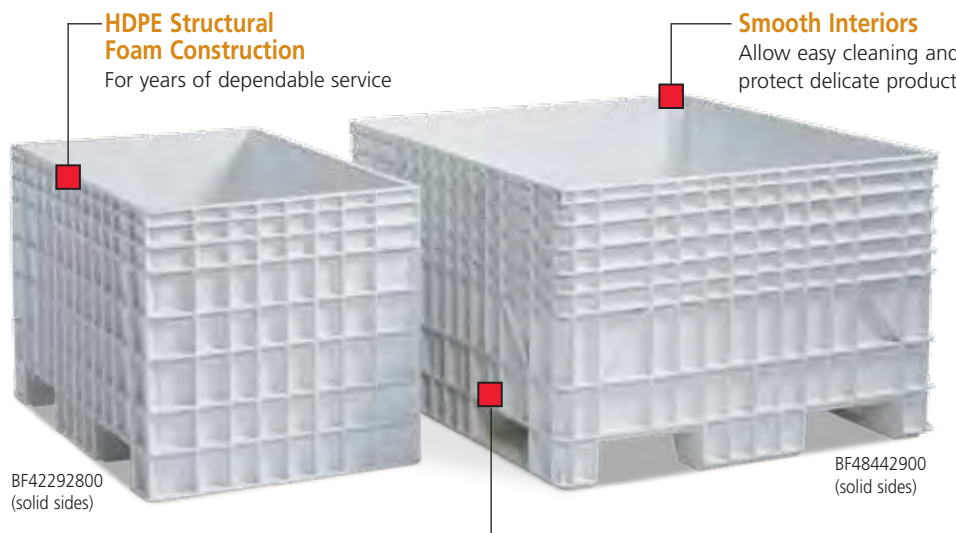
Harvesting to processing, distribution to retailing — Buckhorn's agricultural containers maintain freshness and safeguard fragile produce.

- Choose from both hand-held and bulk styles
- Manufactured from FDA-approved materials
- Use with temperatures of -20° to 120° F
- Withstand exposure to sunlight and cooling processes; resist impact and moisture; will not splinter, rot or absorb odors
- Easy to clean

Bulk Agricultural Containers

- BF models, including the Big Box Series, are stack only
- BG models are collapsible and feature an injection-molded base and structural foam sidewalls
- Reinforced sides for maximum strength, durability and secure stacking
- Available in solid and ventilated styles
- Easy handling 2- and 4-way entry options, depending on model
- Lids for BG models — call for details
- Lids for BF Big Box models — see chart
- Options: Custom colors and ID systems. **See page 23**

Bulk Agricultural Containers



BF42292800
(solid sides)

BF48442900
(solid sides)

Big Box Series

- Stack-only style
- Available in 42" x 29" and 48" x 44" footprints
- Solid, seamless construction offers a watertight interior



Stackability

Positive interlock allows for self-supporting stacks of Big Box containers, with or without lids, ensuring a neat and efficient storage system



BF48401600
(vented)

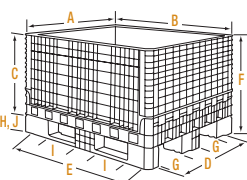
Up to 4 Drop Doors

Available on BG models for easy access



BG48404600
(Collapsible, solid or vented styles;
vented is non-stock item)

Bulk Containers



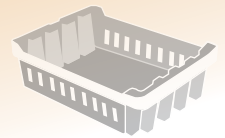
- Stock Colors -
BG: Light Gray
BF: White, Black
and Light Gray
(varies by model)

Model No.	Description	Dimensions			Inside Usable Height H"(F)	Weight lbs.	Capacity lbs.	Bushel	Volume Cu. Ft.	Fork Entry Points	Fork Tunnel Dimensions				Return Ratio	Truck Capacity 53'		
		L"(A)	W"(B)	H"(C)‡							W"(G)	H"(H)	W"(I)	H"(J)		48' Open	48' Collapsed	53' Open
[S] BF42292800	Stack Only	41.6	28.8	27.8	39.4	26.6	22.7	70.4	900	11.1	13.8	2	10.5	3.9	—	1:1	117	—
	2-Way Entry	1057	732	706	1001	676	577	31.9	400	—	390.8	99	267	—	—	—	—	—
[S] BF48442900	Stack Only	47.9	43.8	29.2	45.6	42.0	23.4	95	700	19.9	25.9	4	11.6	3.0	11.2	4.1	1:1	72
	4-Way Entry	1217	1113	742	1158	1067	594	43.1	318	—	733.4	295	76	284	105	—	—	—
BF48401600	Stack Only	48	40	16.06	44.50	36.50	10.50	47	400	8.08	10.5	4	11.50	3.75	11.56	3.75	1:1	168
	4-Way Entry	1219	1016	410	1130	925	267	21	180	—	297.1	292	92	294	92	—	—	—
BG48403300‡	Collapsible	48	40	33	45	37	27	120	1200	23.0	28.3	4	13	4	12	4	2.7:1	84
	4-Way Entry	1219	1016	838	1143	940	685.8	54	544	—	801.4	330	102	305	102	—	—	—
[S] BG48404600‡	Collapsible	48	40	46	45	37	40	145	1200	33.5	41.66	4	13	4	12	4	3.6:1	56
	4-Way Entry	1219	1016	1168	1143	940	1016	65	544	—	1180	330	102	305	102	—	—	—
[S] TL42290400*	Lid (SF)	42.5	29.7	3.2				15.3										
		1080	754	81				6.9										
[S] TL48440300	Lid (SF)	48.9	44.8	2.8				20.9										
		1242	1138	71				9.5										
[S] TL48440400*	Lid (SF)	48.4	44.5	4.0				26.6										
		1229	1130	102				12.1										

‡BG models available with 9 feet or plastic runners; add 1.5" height for version with runners. (SF) = Structural Foam *Available with optional o-ring seal for watertight closure. Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

[S] = In Stock Items

Hand-Held Agricultural Containers

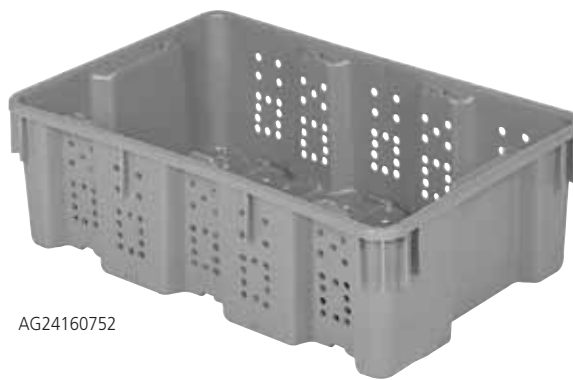


Agricultural Containers

Keep Your Produce Safe From Field to Shelf...



- Multiple sizes and styles for picking, processing and shipping
- Stack when loaded, nest when empty for space efficiency
- Ventilated designs for quick cooling, temperature control and drainage
- Smooth surfaces for superior product protection
- Ergonomic design for easier handling
- UV-resistant materials prevent damage from sunlight
- Use with temperatures of -20° to 120° F



AG24160752

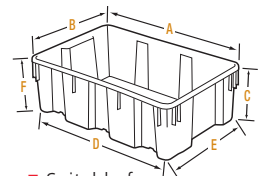
Model No.	Description	Dimensions			Inside Usable		Weight lbs.	Capacity		Volume Cu. Ft.	Nesting Ratio	48' Truck Stacked	Capacity Nested	53' Truck Stacked	Capacity Nested	
		Outside Top L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	Inside Bottom W"(E)		Height H"(F)	Weight lbs.							Bushel
AG24160752	3/8" Holes-Sides/Bottom	24	16.13	7.25	20.13	12.38	6.44	3.34	60	.78	.97	2.6:1	2040	4620	2295	4950
	mm/kg/l	610	410	185	510	315	164	1.54	27	—	27	—	—	—	—	—
AG24160753	1/4" Holes-Bottom	24	16.13	7.25	20.13	12.38	6.44	3.41	60	.78	.97	2.6:1	2040	4620	2295	4950
	mm/kg/l	610	410	185	510	315	164	1.54	27	—	27	—	—	—	—	—



AG19140657

Model No.	Description	Dimensions					Inside Usable		Capacity		Volume Cu. Ft.	Nesting Ratio	48' Truck Stacked	Capacity Nested	53' Truck Stacked	Capacity Nested
		Outside Top L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	Inside Bottom W"(E)	Height H"(F)	Weight lbs.	Weight lbs.	Bushel						
AG19140657	3/8" Holes-Bottom	18.75	14.13	5.81	15.25	12.80	4.88	1.90	20	.47	.58	3.3:1	3800	11,000	4180	12,100
mm/kg/l	3/8" Slots Ends/Sides	476	360	145	390	330	124	.86	9	—	16	—	—	—	—	—

Harvesting Container



- Suitable for mushrooms, grapes, asparagus and other small fruits and vegetables
- Stacking posts permit rigid stacking with a 180° turn
- Nesting ratio of 2.6:1 saves storage space and shipping costs
- See our ChilPac containers on page 44 – also suitable for harvesting

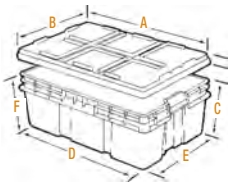
Fruit/Berry Box

- Retain peak product quality for berries and other small fruits
- A 180° turn permits a 3:1 nesting ratio when empty and stacking when full
- Bottom holes ensure proper drainage to remove liquids and reduce product damage

Food Handling Containers

Buckhorn's NestPac Containers are ideal for poultry, meat and seafood processing and distribution.

- Nest when empty for space-savings
- Smooth design for easy cleaning
- Resist temperature extremes (-20°F to +120°F)
- Stack with lids, cross-stacking 5 per layer on a 48" x 40" pallet
- Aluminum dollies available - **See page 46**
- Stock Color: Beige



NestPac Containers

Resist Temperature Extremes

Ideal for poultry, meat and seafood distribution

Locking Lid

Fits snugly for spill control during transport



Ergonomic Handles

For safe and easy lifting

Model No.	Description	Outside Top L"(A)	Outside Top W"(B)	Dimensions H"(C)	Inside Bottom L"(D)	Inside Bottom W"(E)	Inside Usable Height H"(F)	Weight lbs.	Capacity Weight lbs.	Capacity Bushel	Volume Cu. Ft.	Nesting Ratio	48' Truck Packed	Capacity Packed w/Lid	53' Truck Packed	Capacity Packed w/Lid
[S] NP24161195	80 lb. w/Drain Holes	24.31	16.31	10.81	20.13	13.25	10.38	5.46	80	1.44	1.79	4.8:1	4200	2975	4550	3220
	mm/kg/l	617	414	275	511	337	264	2.39	36	—	51	—	—	—	—	—
[S] NL24160259	Lid w/Locking Tabs & Spill Retention Channel	24.38	16.38	1.81	—	—	—	2.39	—	—	—	2.1:1	—	—	—	—
		619	415	46	—	—	—	1	—	—	—	—	—	—	—	—

Buckhorn's ChillPac Containers create a complete interworking container system to provide efficient chilling and cooling of poultry, meat, seafood, produce and prepared foods.

- 24" x 20" footprint cubes standard industry pallets
- Secure stacking (with metal bails); nest for space savings
- Molded handles for easy lifting
- Resist temperature extremes (-20°F to +120°F)
- Stock Color: Beige

ChillPac™ Containers

3 Interworking Heights

For stacking



Ventilated Design

Allows faster cooling and maintains ambient temperature



ChillPacs keep produce cool for distribution.

DY22190700

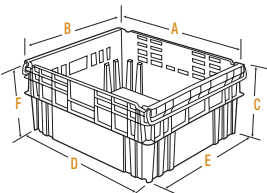


Aluminum dollies available for easy transport – **See page 46**



Did You Know...?

ChillPacs are also great harvesting containers!



[S] = In Stock Items

Model No.	Description	Outside Top L"(A)	Outside Top W"(B)	Dimensions H"(C)	Inside Bottom L"(D)	Inside Bottom W"(E)	Inside Usable Height H"(F)	Weight lbs.	Capacity Weight lbs.	Capacity Bushel	Volume Cu. Ft.	Nesting Ratio	48' Truck Stacked	Capacity Nested	53' Truck Stacked	Capacity Nested
CP24200760	w/Bails	24	20	6.88	21.13	17.75	6	5.20	60	1.09	1.36	3:1	1680	4704	1860	5208
	mm/kg/l	610	508	175	537	451	152	2.34	27	—	39	—	—	—	—	—
[S] CP24201060	w/Bails	24	20	9.56	20.63	17.25	8.63	6.77	80	1.60	1.94	2.19:1	1232	2464	1364	2780
		610	508	243	524	438	219	3.07	36	—	55	—	—	—	—	—
CP24201360	w/Bails	24	20	13.38	20.75	17.63	12.44	7.58	100	2.26	2.81	3:1	784	2240	868	2480
		610	508	340	527	448	316	3.41	45	—	80	—	—	—	—	—

*An extra rib provides .75" extra product height when nested for a total of 2.50" Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

MultiPac Containers



Food Handling Containers

Save packaging, freight and handling costs with the MultiPac Container for case-ready meat. The innovative design provides three levels for packing, protecting and distributing chubs, roasts, steaks and chops — all in one container.

- Cubes 48" x 40" pallets for transport efficiency
- Large label area for easy identification
- Three-level design for efficient distribution:
 - 2" internal height when nested for a single layer of steaks or chops
 - 4.2" internal height when stacked on molded-in posts for chubs or multiple layers of steaks or chops
 - 5.8" internal height when stacked on rails

Ergonomic Handles

Provide easy lifting and safe handling

Metal Bails

On long sides provide secure stacking, product protection and ease of use



Prevent product damage and reduce "shrink" with lengthwise bails folded in.

Bi-Color Design

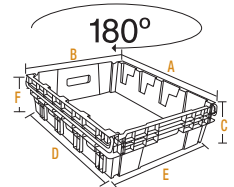
Quick identification of stack/nest positions

Ventilated Design

Allows uniform cooling

Model No.	Description	L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	W"(E)	Inside Usable Height* H"(F)	Weight lbs.	Capacity Weight lbs. Bushel	Volume Cu. Ft.	Nesting Ratio	48" Truck Stacked	Capacity Nested	53" Truck Stacked	Capacity Nested
MP24200722	MultiPac	24	20	6.68	21.8	17.25	5.85	6.01	30	1.35	2.9:1	1568	4032	1680	4320
mm/kg/l		610	508	170	554	438	149	2.72	13.6	38	—	—	—	—	—

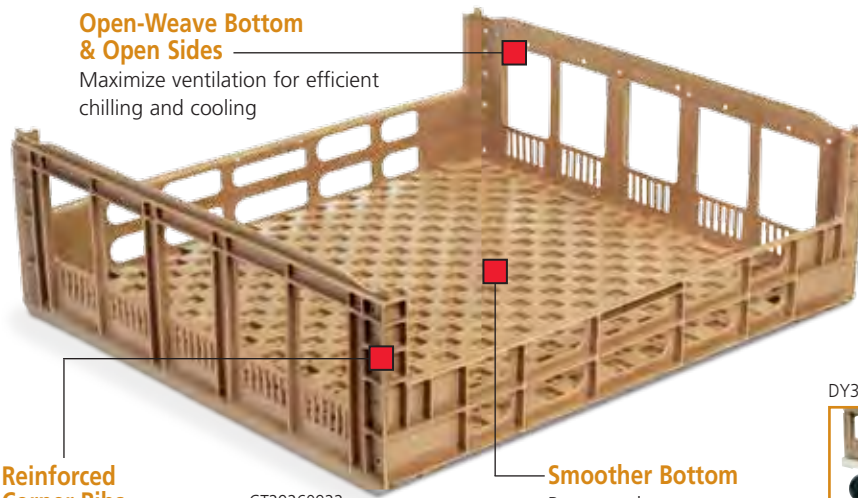
* Inside useable height is dependent on stacking level. Useable heights are 5.85/148.6, 4.23/107.4, and 2.02/51.3.



ChillTrays

Open-Weave Bottom & Open Sides

Maximize ventilation for efficient chilling and cooling



Reinforced Corner Ribs

Provide strength for secure stacking

CT29260922

Smoother Bottom

Prevents damage to packaged products

DY30270700 - Aluminum Dolly



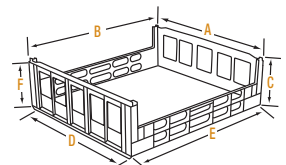
(See page 46)

Buckhorn's ChillTrays work well in any food processing and distribution operation for quick chilling/cooling of pre-packaged meat, poultry and seafood.

- Trays stack and cross-nest for space efficiency
- Reinforced sides and bottoms prevent flexing under loads up to 80 lbs.
- Resist temperature extremes (-20° to +120°F)
- Stock Color: Beige

Model No.	Description	L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	W"(E)	Inside Usable Height* H"(F)	Weight lbs.	Capacity Weight lbs. Bushel	Volume Cu. Ft.	Nesting Ratio	48" Truck Stacked	Capacity Nested	53" Truck Stacked	Capacity Nested
CD28270120	Shelf Divider	27.56	26.75	1.31	—	—	—	4.07	40	—	1.75:1	4140	—	4680	—
mm/kg/l		700	679	33	—	—	—	1.83	18	—	—	—	—	—	—
CT29260922	90° Stack & Nest	29.13	26.06	9	27.75	24.69	7.50	6.88	80	2.41	3.00	693	1197	792	1386
		740	662	229	705	627	191	3.10	36	—	85	—	—	—	—
CT29260964†	90° Stack & Nest	29.13	26.06	9	27.75	24.69	7.50	7.25	80	2.41	3.00	693	1197	792	1386
		740	662	229	705	627	191	3.26	36	—	85	—	—	—	—

†Flat conveying ribbed bottom. Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

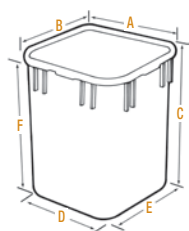


Specialty Food Containers

Buckhorn offers a wide range of Specialty Containers for food handling and processing applications.

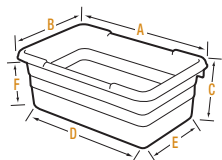
- Durable, injection-molded reusable containers
- Impact-resistant
- Easy to clean; won't splinter, rot or absorb odor
- Withstand exposure to sunlight and cooling systems
- Molded from FDA-approved materials, USDA-approved designs
- Use with temperatures of -20° to 120° F
- Ergonomic handles for more comfortable lifting

Sanitainers



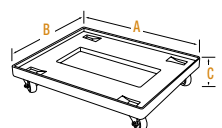
- Applications include fruit storage, food processing, pharmaceutical and general distribution
- Stock Colors: Natural, Light Gray

JumboLugs



- Compatible with most conveyor systems
- Stock Colors: Natural, Light Gray; JL25160968: Light Gray

Aluminum Dollies



[S] = In Stock Items

Food Handling Containers

Did You Know...?

Buckhorn Sanitainers with tamper-proof lids are used in the **pharmaceuticals industry** to protect contents against theft and contamination.



Did You Know...?

Reusable plastic packaging addresses many of the supply chain challenges pharmaceutical manufacturers face today:

- Plastic pallets and containers contribute to clean environments, increase product protection, and can reduce the risk of theft and product tampering.
- RFID tags can be attached to reusable plastic packaging, facilitating compliance with FDA and Homeland Security.
- The reusable nature of plastic pallets and containers adds up to substantial savings on cost-per-trip over time.



SP12121300
Sanitainer with lid

Model No.	Description	Dimensions			Inside Usable			Weight lbs.	Capacity		Volume Cu. Ft.	Nesting Ratio	48' Truck Capacity Stacked	Capacity Nested	53' Truck Capacity Stacked	Capacity Nested
		L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	W"(E)	Height H"(F)		Weight lbs.	Bushel						
SP12121300	5.8 Gal. Sanitainer	12.13	12.13	13.13	9.94	9.94	12.13	2.13	45	.61	.76	1.6:1	2352	7800	2520	9000
	mm/kg/l	308	308	334	252	252	308	96	20	—	21.5	—	—	—	—	—
SC14120100	Latching Lid	14.13	12	.88	—	—	—	.48	—	—	—	1.6:1	—	—	—	—
		359	305	22	—	—	—	.24	—	—	—	—	—	—	—	—

‡ w/Ergonomic Handles



JL25160968
JumboLug



LJ25060200
Lid

Model No.	Description	Dimensions			Inside Usable			Weight lbs.	Capacity		Volume Cu. Ft.	Nesting Ratio	48' Truck Capacity Stacked	Capacity Nested	53' Truck Capacity Stacked	Capacity Nested
		L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	W"(E)	Height H"(F)		Weight lbs.	Bushel						
[S] JL25160968	90° Stack & Nest	25	16	8.50	20.38	11.50	8	3.56	100	1.00	1.25	4.3:1	—	4800	—	5400
	mm/kg/l	635	406	216	518	292	203	1.60	45	—	35.4	—	—	—	—	—
LJ25060200	Lid	25.5	16.4	1.5	—	—	—	1.5	—	—	—	—	—	—	—	—
		648	417	38	—	—	—	0.68	—	—	—	—	—	—	—	—



DY22190700

Model No.	Description	Dimensions			Weight lbs.	Weight Capacity lbs.	Volume Cu. Ft.	Nesting Ratio	48' Truck Capacity Stacked	Capacity Nested	53' Truck Capacity Stacked	Capacity Nested
		L"(A)	Outside Top W"(B)	H"(C)								
DY30270700	ChillTray Dolly	29.69	26.63	6.5	31	1800	—	—	—	—	—	—
	mm/kg/l	754	676	165	14.10	810	—	—	—	—	—	—
[S] DY22190700	ChillPac Dolly	22.38	18.88	8	24	1800	—	—	—	—	—	—
		568	480	203	10.90	810	—	—	—	—	—	—
DY24200700	ChillPac Dolly	24.38	20.38	8	24	1800	—	—	—	—	—	—
	for CP24200822	619	518	203	10.90	810	—	—	—	—	—	—
DY23150700	NestPac Dolly	22.75	14.75	8	25	1800	—	—	—	—	—	—
		578	375	203	11.40	810	—	—	—	—	—	—

Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.



Bakery Trays

Buckhorn invented the plastic bakery tray and is still today's source for the most complete range of sizes and styles to guarantee compatibility with your operation.

Buckhorn reusable bakery trays reduce transport costs, improve product protection and increase productivity in bakery manufacturing, packaging and distribution.

- Stack and nest within footprints to eliminate wasted space and reduce backhaul space
- Allow full cube of trailers, reducing transport costs
- Combine with plastic or steel dollies for easy transport of bakery or sweet goods
- Molded of HDPE; will not corrode or splinter and are freezer-safe
- Use with temperatures of -20° to 120° F
- Custom tray design available
- Options: Hot stamping, inserts and special colors available to help with tray control programs
- **Note:** Some features not available on all models. Contact a Buckhorn representative to discuss your application.

Tongue & Groove Design
For positive, secure tray stacking and product protection

Product Access
Low walls for easy product access

Reinforced Sides & Bottoms
Provide superior product protection and easy automated or manual handling

Identification Areas
Accommodate labels or hot stamps

2-Way or 4-Way Entry
Hand truck entry allows for accessibility and convenient moving and loading

Open-Grid Bottom & Open Sides
Maximum air flow for product ventilation; easy-to-clean design

Plastic Dolly
28" x 23" Plastic Dolly is ideal for moving multiple sizes of containers quickly and safely



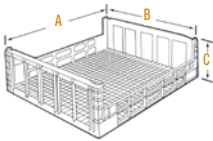
180° Nest Level

Multi-Level Trays
Create the exact Basketray™ to fit your needs!
Multi-Level Basketrays are designed with bails that flip down to form a sturdy-stack bread tray. Flip the bails up and the next tray nests for bun storage. A 180° turn drops the next tray to a third level suitable for sweet goods. Trays are space efficient, safe for use in freezers and easy to clean. Reusable for hundreds of round trips to reduce costs and improve productivity!



BL28220622

3-in-1 Multi-Level Basketrays™



Model No.	Description	Dimensions						Weight lbs.	Weight Capacity lbs.	Nesting Ratio	48' Truck Capacity		53' Truck Capacity	
		Outside Top L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	Inside Bottom W"(E)	H"(F)				Stacked	Nested	Stacked	Nested
BL26210522	2-Way Entry / Dbl. Bun	26	21	4.88	23.63	19.75	3.75	3.13	10	3.2:1	2400	6240	2700	7020
	mm/kg	660	533	124	600	502	95	1.40	4.5	—	—	—	—	—
BL28220622	2-Way Entry / Bread	28.38	21.88	6.25	26.38	20.75	5.25	5.88	20	3.3:1	1360	3120	1496	3360
		721	556	159	670	527	133	2.64	9	—	—	—	—	—

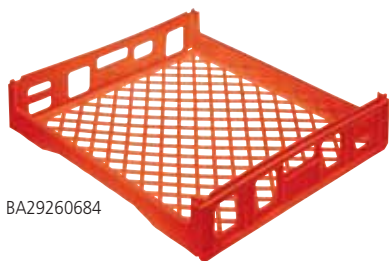
Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice. All dimensions are approximate.

- All trays are special order
- Welded steel dolly available – See page 49

= In Stock Items



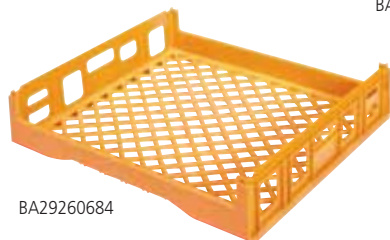
Bakery Tray Specifications



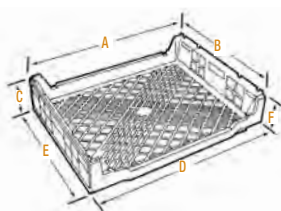
BA29260684



BA29260684



BA29260684



Did You Know...?

Buckhorn pioneered the plastic bakery tray in 1965 and started an industry-wide conversion.



Welded Steel Dolly
Easily transport stacked Single-Level Baskettrays
See page 49

Single-Level Baskettrays™

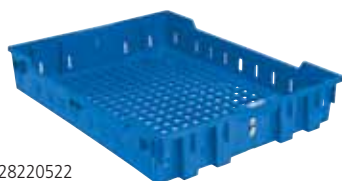
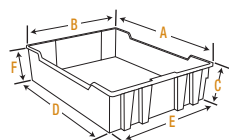
- 29" x 26"
- Stock Color: BA29260684 Beige

Model No.	Description	Dimensions						Weight lbs.	Weight Capacity lbs.	Nesting Ratio	48' Truck Capacity		53' Truck Capacity	
		L"(A)	Outside Top W"(B)	H"(C)	L"(D)	Inside Bottom W"(E)	H"(F)				Stacked	Nested	Stacked	Nested
BA29260684	7.50" Display Notch	29	26	6.13	27.75	24.75	5.31	5.38	20	2:1	1134	1995	1296	2205
mm/kg		737	660	156	705	629	135	2.44	9		—	—	—	—
BA29260676	2 Stacking Interference	29	26	6.13	27.75	24.75	5.31	5.38	20	2:1	1134	1995	1296	2205
mm/kg		737	660	156	705	629	135	2.44	9		—	—	—	—

Single-Level Miscellaneous Baskettrays™

- All trays are special order
- Trays stack when full and nest when empty
- 2- or 4-way handtruck blade entry for easy handling
- Low walls for easy product access
- Textured ends for easy label removal

Model No.	Description	Dimensions						Weight lbs.	Weight Capacity lbs.	Nesting Ratio	48' Truck Capacity		53' Truck Capacity	
		L"(A)	Outside Top W"(B)	H"(C)	L"(D)	Inside Bottom W"(E)	H"(F)				Stacked	Nested	Stacked	Nested
BA28230622	2-Way Entry / Bread	28.38	22.88	6.44	26.25	21.75	5.38	5.50	20	3:1	1280	3648	1408	4032
mm/kg		721	581	164	667	552	137	2.50	9		—	—	—	—



BT28220522



BT28220722



Stack & Nest MultiTrays

- 28" x 22"
- Two interworking sizes
- Deep, molded-in pocket handles for easy lifting
- Compatible with plastic dolly - Model DY282305M5. See page 49

Model No.	Description	Dimensions						Weight lbs.	Weight Capacity lbs.	Nesting Ratio	48' Truck Capacity		53' Truck Capacity	
		L"(A)	Outside Top W"(B)	H"(C)	L"(D)	Inside Bottom W"(E)	H"(F)				Stacked	Nested	Stacked	Nested
BT28220522	MultiTray Blue	28.32	22.00	4.75	25	20.38	3.69	3.82	30	2.1:1	1920	3520	2112	3872
mm/kg		719	559	121	635	518	94	173	13.6		—	—	—	—
BT28220722	MultiTray Red	28.32	22.00	6.75	24.75	20.19	5.69	4.62	30	3:1	1280	3440	1408	3784
mm/kg		719	559	171	629	511	145	2.10	13.6		—	—	—	—

Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice.



Multiple Uses

Stack & Nest MultiTrays are commonly used to distribute bakery products, packaged vending products and produce. Vented sides and bottoms allow airflow to protect perishables and drainage in parts washing applications.



Metal ID tag clips riveted to trays allow easy attachment of identification systems

Trays are hot stamped to show stacking and nesting positions

[S] = In Stock Items

Bakery Tray Specifications



DY282305M5

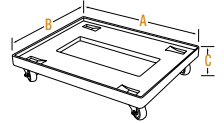
Dent & Rust Resistant Frame

Saves maintenance and replacement costs

"Quiet" Design

Plastic design reduces noise level compared to metal dollies

Plastic Dolly



- 28" x 23"
- Compatible with Stack & Nest MultiTrays
- 3" swivel casters and 1" lip to keep load securely stacked on deck
- Durable construction handles up to 500 lbs.

Model No.	Description	L"(A)	W"(B)	H"(C)	Weight lbs.	Weight Capacity lbs.	Nesting Ratio	48" Truck Capacity Stacked	48" Truck Capacity Nested	53" Truck Capacity Stacked	53" Truck Capacity Nested
S DY282305M5	Plastic Dolly	28	23	5.38	11	500	—	1600	—	1760	—
	mm/kg	711	584	137	4.99	225	—	—	—	—	—



Welded Steel Dolly

Equipped with four, 3" swivel casters and available in multiple footprints to fit your specific tray sizes

Dollies & Tray Compatibility

Dolly Model No.	Description	Compatible Trays
DY28240400	Welded Steel Dolly	BL28240822
DY27220400	Welded Steel Dolly	BL26210522, BA26220322, BA26220378, BA26220777, BA26220622
DY32230400	Welded Steel Dolly	BL31220622
DY27230400	Welded Steel Dolly	BL27230623, BA27220622, BA27220670, BA27220683, BA27220685
DY29220400	Welded Steel Dolly	BL28220622
DY30270400	Welded Steel Dolly	BA29260684, BA29260675, BA29260622, BA29260676, BA29260686
DY24210400	Welded Steel Dolly	BA23200422
DY31230400	Welded Steel Dolly	BA31230622, BA31230680, BA31230571, BA31230671
DY28180400	Welded Steel Dolly	BA27170322, BA27170522
DY23190400	Welded Steel Dolly	BA23180522, BA23180580
DY30230400	Welded Steel Dolly	BA29220681
DY29230400	Welded Steel Dolly	BA28230622
DY282305M5	Plastic Dolly	BT28220522, BT28220722



Trays & Dollies

Buckhorn's reusable bakery trays and dollies provide a comprehensive, cost-effective and long-lasting transport solution for most any bakery or snack product.

S = In Stock Items

Bakery Trays are Ideal for Applications in...



In-Plant Handling



Retail Distribution



Grocery Distribution

plus...

- Distribution of:
 - Bread
 - Buns/Rolls
 - Sweet Goods
 - Tortillas
 - Confections
 - Vending Products
- Parts Handling
- Parts Washing
- ...and many more!

Work Centers & Transport Products

WorkCenters & Transport

Buckhorn offers a full line of wood, steel and plastic transport products to complement our complete selection of material handling containers and pallets. In addition, we offer wood and steel work benches, work tables and custom-engineered products for unique applications.

- Constructed of industrial-grade steel, quality hardwoods or structural foam plastic for durability
- Exceptional strength to withstand heavy loads and rough handling
- Large selection of caster options for any working environment
- Metal products feature powder-coat finish for long-lasting durability
- 100% recyclable construction



Did You Know...?

Buckhorn and Akro-Mils are both Myers Industries companies. Together, we can outfit your entire material handling system from totes to bins to carts.

Work Benches & Work Tables

Back Stop

Wrap-around back stop keeps items from falling behind workbench



Platform Trucks



Versatile Options

Choose the deck size, caster type and handle style to create a configuration to fit the application

Call (800) 543-4454 about custom-engineered products or modifications to an existing style of cart, truck, dolly or work center to meet specific applications.



Wood, Steel or Plastic

Select from kiln-dried, tongue and groove hardwood, heavy-gauge steel or structural foam plastic surface types

Heavy-Duty, Welded Steel

Steel decks, frames and shelves are all welded, not riveted, for extra durability

Bulk Box Tugger Cart

- Works with tugger to easily move bulk boxes and pallets
- Durable, welded construction on sturdy casters (options available)



AkroDrawers™

- Designed for use in a variety of environments – from industrial to healthcare to other applications – AkroDrawers will help keep supplies, parts, tools and other materials secure and dust-free
- Available in five sizes and five colors – including Crystal Clear – which keeps AkroDrawers contents visible
- Colors made of high-impact polystyrene; Crystal Clear made of durable acrylic blend
- Can be used with a wide array of bundled packages – stackable cabinets and shelves, racks and carts – to help create the perfect organization system



Angle Posts

For added strength and rigidity

Shelf Carts & Portable Tables



Benefits of Powder Coating

Through an electrostatic process, finely ground particles of pigment and resin are sprayed onto a part surface. The charged powder particles adhere to the surface until heated and fused into a smooth coating in a curing oven. The result is a smooth, durable, high-quality and attractive finish.

- Powder Coating is more durable and longer lasting than a diluted liquid spray
- Powder Coating is more resistant to:
 - Chipping
 - Chemicals
 - Weathering/Salt/UV
 - Scratches
- Once processed, powder coating will not melt and can be repainted
- Environmentally friendly – contains no pollutants and overspray can be recycled

Powder-Coated Steel

Powder coat painting process provides a durable finish that resists chipping and rust

Smooth Operation

Zinc-plated rigs and hardware are resistant to corrosion; non-marking polyolefin wheels have exceptional impact resistance

Six Deck Types

Quality hardwood dollies are available as solid, flush, regular, carpet end, rubber cap or fully carpeted for many loading applications

Dollies

Heavy-Duty Casters

Support load capacities up to 5,400 lbs.

Custom Accessories

Choose from several caster options, rubber matting, lips up or down

Custom engineered products can be designed for your application/specification.

Wire Shelving Packages

- Wide variety of Wire Shelving heights and styles: 63" upright with casters and 74" upright stand alone to fit all locations
- Bin and shelf configurations available for more than 30 system options!
- Six customizable shelf sizes available: 14" x 36", 14" x 48", 18" x 36", 18" x 48", 24" x 48" and 24" x 60"

Super-Size AkroBins® & Carts

- Super-Size AkroBins (sold separately) store and organize large, bulky items
- Help control inventories, shorten assembly times and minimize parts handling
- Carts allow easy organization and transport of bulky parts in 6, 9 and 12 bin configurations

Custom Molding

From assessing your packaging needs to planning a complete conversion of your operation to reusables, **Buckhorn's** world-class services provide comprehensive solutions to maximize the opportunities and benefits of your reusable packaging program. Whether you handle heavy automotive components or delicate electronic circuit boards, Buckhorn will develop custom dunnage to maximize product protection or design custom containers for unique product handling needs. Buckhorn is your partner in achieving optimal packaging and material handling performance that improves your bottom line.

Design & Manufacturing

- Project Analysis
- Concept Development
- Material Selection & Process Optimization
- Prototype Designs & Testing
- Tooling & Mold Management
- Production
- Quality Control

Engineering Resources

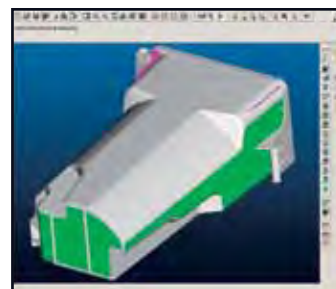
- Pro E Software
- Finite Element Analysis
- Extensive Validation & Quality Assurance Regimens
- Dynamic Transit Testing
- Impact Performance Testing
- Compression Testing



Innovative Custom Molding

Innovative Custom Molding

Buckhorn provides turnkey solutions that increase your competitive edge and maximize your profitability. From design to prototyping to production, we supply all of the services necessary to develop and produce molded plastic parts that meet your specifications and exceed your expectations.



Design & Prototyping

Solving Your Manufacturing Challenges

Whether your volume demands are large or small, Buckhorn has the capability to produce complex parts in a wide range of sizes. Our broad base of manufacturing processes, paired with our expertise in plastic molding, allows us to match your application to the best process for the job. Manufacturing takes place in our facilities, which keeps your costs low, ensures quality and allows quick turnaround times.



Manufacturing & Secondary Operations



Did You Know...?

Buckhorn can design and custom-mold a container, pallet or even complex, non-material handling products. Call (800) 543-4454 for details!

Manufacturing Capabilities

Injection Molding

Capacity: 200 - 4,000 ton
Shot Size: 1 - 50 lbs.

Thermoforming

Capacity: 1' x 11' x 30" Draw
Product sizes: up to 60" x 96"

Blow Molding

3D Co-Extrusion Molding
Capacity: 7 lbs.

Structural Foam Molding

Capacity: 100 to 1,000 ton
Shot size: 1 - 250 lbs.

Rotational Molding

Capacity: Up to 16 feet dia.
Size: 3 ounces to 1,000 lbs.

www.buckhorncustommolding.com

Custom Interior Dunnage



Corrugated plastic dunnage for Straight Wall Containers

Custom Designed Solutions

Buckhorn creates innovative and cost-effective solutions to fit your application – whether you ship automotive assemblies, handle sensitive electronic components, or require specialized OEM parts.



Did You Know...?

Protective dunnage can maintain the quality of component parts to final product as they are transported throughout the supply chain.



Structural Foam Engine Block Trays



Custom Bulk Container – plastic, steel and corrugated plastic dunnage

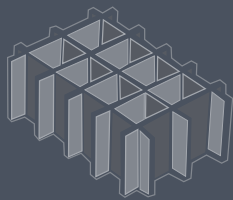
Ensure total protection of your valuable parts with custom interior dunnage. Buckhorn's strategic partnerships match our customers' needs for interior dunnage with designers that are the best in the business. Working in conjunction with your Buckhorn packaging professional, these experts will analyze your products and systemwide requirements to help define your needs. They'll work with you to select the process, materials and design that meet the specific demands of your application.

Using advanced computer design technology, our experts quickly and precisely assemble prototype models for testing in your system and provide fast turnaround for final design, manufacturing and implementation. Our packaging professionals will also work with you to help integrate containers and pallets with dunnage to create an efficient protective system.

Benefits of Interior Dunnage:

- Maximum Product Protection
- Class A Surface Protection
- Specific Part Orientation
- Optimal Container Space Usage
- ESD/VCI Protection
- Shock/Vibration Dampening
- Better Inventory Control
- Improved Ergonomics
- Lower Packaging Costs

Custom interior dunnage is available for a wide variety of Buckhorn's bulk and hand-held containers. To discuss your specific requirements, call **(800) 543-4454**.



Options

Colors

The colors shown on this page are standard colors for stocked products. Not all colors shown are available for every product – see the individual product specifications for stocked color availability. Non-stock colors are available on a made-to-order basis and are subject to minimum quantity restrictions.

Food and agricultural products are molded of FDA-approved polyethylene and polypropylene resins and colorants that are approved for use in federally inspected plants.

For details on approved products or color options, call Buckhorn Customer Service at (800) 543-4454.

Hot Stamping

Most plastic containers can be hot stamped with a custom logo or identification code. Colored mylar is applied to the product with heat and pressure to ensure the longest usable life possible. For additional identification, sequential numbering can be added.

ID Tags

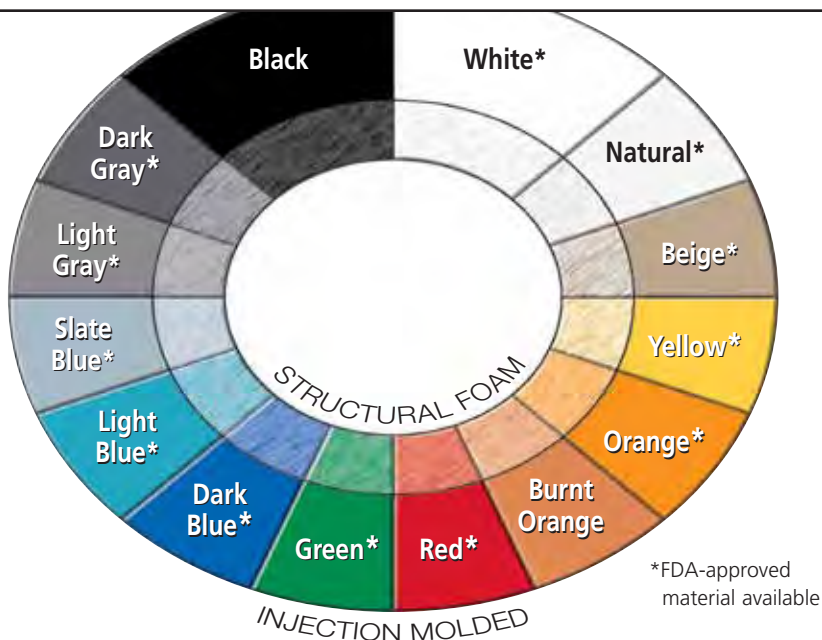
Bulk boxes and pallets are best identified with HDPE tags. Our ID tags can be attached in recessed areas of the box or pallet to protect them.

Card Holders & Accessories

Card Holders provide a convenient way to identify container contents or display other information. Metal clip, frame-type, self adhesive or snap-on may be specially ordered on select containers. Products are RFID compatible. **For more information, call Buckhorn Customer Service at (800) 543-4454.**

Color & Identification Options

These color swatches are representative of injection-molded & structural foam products. Actual product color may vary slightly from this sample due to material and the printing process. For the promotion or use of recycled material, black is recommended for color consistency.



1. UNLESS OTHERWISE SPECIFIED,
type will be set in:

**BLOCK LETTERS
ALL CAPS
AND ALL LINES CENTERED**

2. SUPPLIED COPY SHOULD INCLUDE:
Capital and lowercase letters, abbreviations, punctuation and numbers.

Card Holders

Model No.	Description	Card Size	Use
04ACCH029473C00	Self-Adhesive Clear Plastic Card Holder	4.5" x 3.5"	Totes
04ACCH029483C00	Self-Adhesive Clear Plastic Card Holder	6" x 4"	Totes
04ACCH029472C00	Clear Plastic Document Holder (screw attachment)	13.25" x 9.25"	Bulk Containers
0604CHMXP126000	Peel & Stick Molded Plastic Card Holder	6.5" x 4"	Bulk Containers
0604PDMXP126000	Peel & Stick Molded Plastic Label Placard	6.5" x 4"	Bulk Containers
04ACLBPK00109	Label Placard	4.5" x 6.5"	Totes
04HWCHHW00822	Label Placard	6.5" x 4.5"	Bulk Containers
04HWCHHW00823	Label Placard	9.25" x 13.25"	Bulk Containers
0804CHMX0200003	Card Holder	8.25" x 4.25"	Totes



Accessories

Model No.	Description
Tags	
05IDBY	Printed Self-Adhesive ID Tag*
05IDMK	
Rivets	
9669RIMX0000000	Security Rivet, Natural

*Various Sizes & Colors Available

General Sales Terms and Conditions

A. Credit Terms

1. PAYMENT DUE

- a. Product invoices Net 30 days
- b. Freight invoices due upon receipt.

2. F.O.B. POINT - Seller's plant and/or application warehouse.

3. DELINQUENT CHARGES - Past due accounts are subject to a SERVICE CHARGE OF 1-1/2% per month which is equal to an annual percentage rate of 18%, commencing 30 days after invoice date.

4. CREDIT APPROVAL - Seller reserves the right at any time to revoke any credit extended to Buyer because of Buyer's failure to pay for any goods when due or for any other reason deemed good and sufficient by Seller and in such event to insist upon payment prior to shipment of any remaining merchandise.

B. Pricing Policies

1. MINIMUM ORDER - Stock items - \$150 per injection molded order, \$250 for structural foam orders; Non-stock items - subject to conditions at time of sale. All orders for less than minimum charge will be subject to a \$50 handling charge.

2. QUANTITY PRICING - EACH ITEM NUMBER WILL BE PRICED SEPARATELY USING THE APPROPRIATE QUANTITY PRICE BRACKET. Combining orders for purpose of quantity pricing will not be allowed.

3. TAXES - Prices do not include Federal, State or Local Taxes.

4. PRICE CHANGES - Prices are subject to change without notice. Seller reserves the right to invoice at prices in effect at time of shipment.

5. SPECIAL QUOTES - Qualifications set forth on quote form will prevail.

6. COLORS - Prices shown are for items in their respective stock colors. There is a quantity minimum order requirement for non-stock color containers.

7. QUANTITY ALTERATION BY BUYER - The prices shown are applicable to the quantity shown. Should Buyer vary the quantity or otherwise affect the number of parts to be produced and shipped, Seller reserves the right to alter the price accordingly.

C. Conditions of Sale

1. ACCEPTANCE - All orders are subject to acceptance by Seller at its home office in Milford, Ohio.

2. ROUTING - Shipments will be routed "Collect-Best Way-Truck" unless preferred routing is specified in writing.

3. LOSS OR DAMAGE IN TRANSIT - Seller's liability ceases on making delivery to the carrier at the shipping point in good condition. Carrier acts as Buyer's agent. Seller shall not be liable for non-arrival of the shipment made under this contract which may be lost in transit, nor for losses, damages or delays in transportation. Claims for loss or damage should be made directly to the transportation company immediately.

4. SPECIFICATIONS - Subject to change without notice. Weights, capacities and other specifications are for information purposes only and their accuracy is not guaranteed. Seller assumes no further liability, express or implied.

5. CANCELLATIONS - Orders are not subject to cancellation, except with Seller's consent, and upon terms and conditions that will indemnify Seller against all loss.

6. RETURN GOODS - Material shipped as ordered cannot be returned unless authorized by Seller in writing in accordance with Seller's Return of Material Policy. If return is allowed per above, merchandise must be shipped freight pre-paid, and a 25% service charge will apply. If return is allowed, Seller must be notified within 30 days of invoice.

7. RETURN OF SPECIAL COLORS OR SPECIFICATIONS - Items made to special color and/or particular specification of Buyer are not subject to return.

8. ERRORS - Clerical and stenographic errors are subject to corrections.

9. SELLER'S DELAYS IN DELIVERY - All delivery dates are approximate dates only, estimated in good faith to the best of Seller's ability. Time shall not be deemed to be of the essence unless specifically agreed to in writing by Seller.

10. BUYER'S POSTPONEMENT - In case of Buyer's postponement of delivery date, payment shall become due in full when Seller is prepared to make the shipment.

11. BUYER PICK-UP - At some locations, Buyer pick-up of ordered products can be arranged. These arrangements must be made and confirmed at order placement time. If parts ordered are not picked up by Buyer within 5 days of notification that parts are ready, Seller reserves the right to ship product ordered via common carrier at Buyer's expense.

12. CIRCUMSTANCES BEYOND THE SELLER'S CONTROL - Seller shall not be liable for failure to deliver or for delay in delivery of all or any part of the goods ordered herein by reason of war, civil commotion, labor trouble, fire, explosion, windstorms, flood, drought, earthquakes, accident, reduced supply of raw materials, car shortage, embargo, government actions, or any cause whatsoever beyond the control of Seller, which interferes with the production, consumption or transportation of said goods or the supply of any raw material of which said goods are a product.

13. USE AND SAFETY - There are no representations or warranties by Seller that the goods sold hereunder comply with the requirements of federal, state and local laws and industrial codes. Buyer acknowledges that it is Buyer's responsibility to provide proper safety devices and equipment for the particular application or use intended by Buyer so as to protect the operator and others from harm, and to comply with all federal, state and local government laws, rules and regulations relating to safety standards and all industry safety standards.

14. TITLE AND LIEN RIGHTS - The goods shall remain personal property regardless of how they are affixed to Buyer's real property and Seller reserves a purchase money security interest in the goods until the purchase price has been fully paid. Buyer agrees to execute any documents requested by Seller which are necessary for attachment and perfection of its security interest. If Buyer defaults, Seller shall have the rights of a secured creditor under the Uniform Commercial Code as enacted in the State of Ohio. All tooling, dies,

blueprints, plans and specifications in connection with the goods shall remain the sole property of Seller.

15. APPLICABLE LAW - Any order shall be governed in all respects by the laws of the State of Ohio.

16. WAIVERS - Waiver by Seller of a breach of Buyer of any provision hereof shall not be deemed a waiver of future compliance therewith, and such provisions, as well as other provisions hereunder, shall remain in full force and effect.

17. NO MODIFICATIONS OF TERMS AND CONDITIONS

- This contract constitutes the entire contract of sale and purchase of merchandise named herein. No modification of this contract shall be of any force or effect unless in writing and signed by the party claimed to be bound thereby and no modification shall be effected by the agreement or acceptance by Seller of purchase order forms containing different conditions. No representative of Seller has authority to change this contract, which relates to all goods delivered, whether sold, delivered as samples or otherwise. In entering into this agreement, Buyer acknowledges that it has not relied upon any representations by Seller or on behalf of Seller, whether verbal or written, which have not been set forth in this contract.

D. Limited Warranty

18. ALL PRODUCTS SOLD BY SELLER ARE WARRANTED FOR A PERIOD OF ONE YEAR FROM THE DATE OF SHIPMENT TO THE ORIGINAL BUYER TO BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP UNDER NORMAL USE AND SERVICE - Seller's liability under this warranty is limited to the cost of the repair or replacement of any products which fail to comply with foregoing warranty, or refund of the purchase price therefor, at Seller's option, and in no event shall Seller be liable for any consequential damages claimed as a result of any breach of the foregoing warranty. This warranty is contingent upon Buyer's compliance with Seller's Customer Claim Procedure. THE WARRANTY STATED HEREIN IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

19. LIABILITY LIMITATION - IN CONSIDERATION OF THE EXPRESS WARRANTY AND OTHER TERMS HEREIN CONTAINED, BUYER AGREES THAT BUYER'S EXCLUSIVE REMEDY AND SELLER'S SOLE LIABILITY ON ANY CLAIM, WHETHER TORT, CONTRACT OR WARRANTY, SHALL BE LIMITED TO REIMBURSEMENT OF THE PURCHASE PRICE AND NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL LOSS OR DAMAGE) SHALL BE AVAILABLE TO IT, IN NO EVENT AND FOR NO CAUSE WHATSOEVER, INCLUDING ANY BREACH OR DEFAULT BY SELLER. SHALL SELLER HAVE ANY MONETARY LIABILITY TO BUYER IN EXCESS OF THE CONTRACT PRICE OR PRICES OF THE PERTINENT GOODS IN QUESTION.

Rev. 07/08

Index

Our product numbers are built from their features, such as:

AS	24	20	12	21
Product Type	Length	Width	Height	Molded Options

New Part No.	Description	Old Arca Model No.	Catalog Page No.
A			
AA21151202	Attached Lid Container		33
AF21150702	Bi-Fold Lid Container		33
AG19140657	Fruit/Berry Box Stack & Nest		43
AG24160752	Harvesting Container		43
AG24160753	Harvesting Container		43
AR20120702	Attached Lid Container - Recessed		33
AR21150902	Attached Lid Container - Recessed		33
AR21151202	Attached Lid Container - Recessed		33
AR21151702	Attached Lid Container - Recessed		33
AR24201202	Attached Lid Container - Recessed		34
AR25151302	Attached Lid Container - Recessed		34
AR27171202	Attached Lid Container - Recessed		35
AS22131202	Attached Lid Container - Strapping		34
AS22131221	Attached Lid Container - Strapping		34
AS27171202	Attached Lid Container - Strapping		35
AS28211502	Attached Lid Container - Strapping		35
AS34242012	Attached Lid Container - Strapping		35

B			
BA28230622	Miscellaneous Basketray		48
BA29260676	Single-Level Basketray		48
BA29260684	Single-Level Basketray		48
BC323025	Bulk Container - XT, Industry Standard	HC323025	14
BC323034	Bulk Container - XT, Industry Standard	HC323034	14
BE484525	Bulk Container - Extra Duty		17
BE484534	Bulk Container - Extra Duty		16, 17
BE484540	Bulk Container - Extended Height		19
BE484544	Bulk Container - Extended Height		19
BE484550	Bulk Container - Extended Height		19
BF323017	Bulk Container - XT, Fixed Wall	HC323017	14
BF42292800	Bulk Container - Big Box, Stack Only	PC422928	42
BF48401600	Bulk Container - Big Box, Stack Only	PC484016	42
BF48442900	Bulk Container - Big Box, Stack Only	PC484429	42
BF484512	Transport Tub 48x45x12		17
BF484515	Transport Tub 48x45x15		17
BF484517	Transport Tub 48x45x17		17
BF484519	Transport Tub 48x45x19		17
BF484521	Transport Tub 48x45x21		17
BF484526	Transport Tub 48x45x26		17
BF574817XP	Extended Length Transport Tub		18
BF574819XP	Extended Length Transport Tub		18
BF644817XP	Extended Length Transport Tub		18
BF644819XP	Extended Length Transport Tub		18
BF704817XP	Extended Length Transport Tub		18
BF704819XP	Extended Length Transport Tub		18
BG484025	Bulk Container - General Purpose		15
BG484033	Bulk Container - General Purpose		15
BG48403300	Bulk Container - General Purpose		42
BG484046	Bulk Container - General Purpose		15
BG48404600	Bulk Container - General Purpose		42
BH484025	Bulk Container - Heavy Duty		15
BH484030	Bulk Container - Heavy Duty		15
BH484034	Bulk Container - Heavy Duty		15
BH484525	Bulk Container - Heavy Duty		16, 17
BH484530	Bulk Container - Heavy Duty		17
BH484534	Bulk Container - Heavy Duty		16, 17
BI484034	Bulk Container - XT, Industry Standard	C484034	15
BI484039	Bulk Container - XT, Industry Standard	C484039	15
BI484525	Bulk Container - XT, General Purpose	CI484525	16, 17
BI484533	Bulk Container - XT, High Wall, 8" Ext.	CI484533	19
BI484534	Bulk Container - XT, General Purpose	CI484534	16, 17
BI484535	Bulk Container - XT, High Wall, 10" Ext.	CI484535	19
BI484539	Bulk Container - XT, High Wall, 14" Ext.	CI484539	19
BI484541	Bulk Container - XT, High Wall, 16" Ext.	CI484541	19

New Part No.	Description	Old Arca Model No.	Catalog Page No.
B			
BI484542	Bulk Container - XT, High Wall, 8" Ext.	CI484542	19
BI484544	Bulk Container - XT, High Wall, 10" Ext.	CI484544	19
BI484548	Bulk Container - XT, High Wall, 14" Ext.	CI484548	19
BI484550	Bulk Container - XT, High Wall, 16" Ext.	CI484550	19
BI484555	Bulk Container - XT, High Wall, 30" Ext.	CI484555	19
BI484557	Bulk Container - XT, High Wall, 32" Ext.	CI484557	19
BI484564	Bulk Container - XT, High Wall, 30" Ext.	CI484564	19
BI484566	Bulk Container - XT, High Wall, 32" Ext.	CI484566	19
BL26210522	Multi-Level Basketray		47
BL28220622	Multi-Level Basketray		47
BP48454600PF600	Citadel Intermediate Bulk Container		41
BQ484546V051600	Citadel-v Intermediate Bulk Container with Fitment		41
BS323025	Bulk Container - Industry Standard		14
BS323030	Bulk Container - Industry Standard		14
BS323034	Bulk Container - Industry Standard		14
BS574825	Bulk Container - Extended Length		18
BS574834	Bulk Container - Extended Length		18, 22
BS574844	Bulk Container - Extended Length		18, 22
BS644825	Bulk Container - Extended Length		18
BS644834	Bulk Container - Extended Length		18, 22
BS644844	Bulk Container - Extended Length		18, 22
BS644850	Bulk Container - Extended Length		18, 22
BS704825	Bulk Container - Extended Length		18
BS704834	Bulk Container - Extended Length		18
BS704844	Bulk Container - Extended Length		18
BS704850	Bulk Container - Extended Length		18
BT28220522	Multi-Tray		48
BT28220722	Multi-Tray		48
BX484525	Bulk Container - Industry Standard		17
BX484534	Bulk Container - Industry Standard		16, 17, 22
BX484540	Bulk Container - Dunnage Ready		22
BX484544	Bulk Container - Dunnage Ready		22
BX484550	Bulk Container - Dunnage Ready		22
BZ48444100	Caliber IBC 270 Gal.	CL270	39
BZ484441V0	Caliber IBC 270 Gal. w/Bottom Discharge	CL270BD	39
BZ48444400	Caliber IBC 300 Gal.	CL300	39
BZ484444V0	Caliber IBC 300 Gal. w/Bottom Discharge	CL300BD	39
BZ48444700	Caliber IBC 315 Gal.	CL315	39
BZ484447V0	Caliber IBC 315 Gal. w/Bottom Discharge	CL315BD	39

C			
CD28270120	MultiPac		45
CF57456500	CenterFlow SeedBox		20, 21
CP24200760	ChillPac		44
CP24201060	ChillPac		44
CP24201360	ChillPac		44
CT29260922	ChillTray		45
CT29260964	ChillTray		45

D			
DL21150902	Detached Lid Container		36
DL21150920	Detached Lid Container		36
DL24201202	Detached Lid Container		36
DR21150100	Lid		36
DR24200100	Lid		36
DY22190700	ChillPac Dolly		44, 46
DY23150700	NestPac Dolly		46
DY23190400	Welded Steel Dolly		49
DY24200700	ChillPac Dolly		46
DY24210400	Welded Steel Dolly		49
DY27220400	Welded Steel Dolly		49
DY27230400	Welded Steel Dolly		49
DY28180400	Welded Steel Dolly		49
DY282305M5	Plastic Dolly		49
DY28240400	Welded Steel Dolly		49

Index

Our product numbers are built from their features, such as:

AS	24	20	12	21
Product Type	Length	Width	Height	Molded Options

New Part No.	Description	Old Arca Model No.	Catalog Page No.
DY29220400	Welded Steel Dolly		49
DY29230400	Welded Steel Dolly		49
DY30230400	Welded Steel Dolly		49
DY30270400	Welded Steel Dolly		49
DY30270700	ChillTray Dolly		45, 46
DY31230400	Welded Steel Dolly		49
DY32230400	Welded Steel Dolly		49

J

JL25160968	JumboLug Stack & Nest		46
------------	-----------------------	--	----

L

LJ25060200	Lug Lid		46
------------	---------	--	----

M

MA10090989	Modular Nesting Container		28
MA12110789	Modular Nesting Container		28
MA15080789	Modular Nesting Container		28
MA24110989	Modular Nesting Container		28
MA24111489	Modular Nesting Container		28
MA24191489	Modular Nesting Container		28
MP24200722	MultiPac		45

N

NL24160259	NestPac Lid		44
NP24161195	NestPac Container		44

P

PH40400530	Pallet - Heavy-Duty		7
PH48400530	Pallet - Heavy-Duty		7
PH48400633	Pallet - Heavy-Duty		7
PL48400600	Pallet - Light-Duty Nestable Not Rackable		9
PL48400730	Pallet - Light-Duty Not Rackable		9
PL48400732	Pallet - Light-Duty Not Rackable		9
PL48450600	Pallet - Light-Duty Nestable Not Rackable		9
PL48450730	Pallet - Light-Duty Not Rackable		9
PM32300632	Straight Wall Pallet	10, 11, 26	
PM48400600	Pallet - Medium-Duty Nestable		8
PM48400633	Pallet - Medium-Duty Rackable		8
PM48450600	Pallet - Medium-Duty Nestable		8
PM48450633	Pallet - Medium-Duty Rackable		8
PM48480600	Pallet - Medium-Duty Nestable		8
PM48480630	Pallet - Medium-Duty Not Rackable		8
PN323006VD	32 x 30 Modular System Pallet		27, 28
PO48450632	Pallet - 48x45 Ohio	10, 11, 26	
PR48450533	Pallet - 48x45 Romeo	10, 11, 26	
PS48400600	Pallet - Standard-Duty Nestable		8
PS48400633	Pallet - Standard-Duty Stackable		8
PU48400633	Universal Pallet		7
PW48400622	Straight Wall Pallet	11, 26	
PW48450622	Straight Wall Pallet	11, 26	

S

SC14120100	Sanitainer Lid		46
SL15120100	Straight Wall Container Lid		26
SL24150100	Straight Wall Container Lid		26
SL24220100	Straight Wall Container Lid		26
SN15120709	Bi-Color Tote		29
SN19131202	Stack & Nest Tote		30
SN20161200	Stack & Nest Tote		30
SN24150709	Bi-Color Tote		29
SN24150799	Bi-Color Tote - Vented		29
SN24150909	Bi-Color Tote		29

New Part No.	Description	Old Arca Model No.	Catalog Page No.
SN24161222	Stack & Nest Tote		30
SN24220913	Bi-Color Tote		29
SN24221113	Bi-Color Tote		29
SN29191002	Stack & Nest Tote		30
SN29191033	Stack & Nest Tote		30
SP12121300	Sanitainer		46
SW12070502	Straight Wall Container		25
SW15120602	Straight Wall Container		25
SW151208A2	Straight Wall Container		25
SW15121002	Straight Wall Container		25
SW24111002	Straight Wall Container		25
SW241504A2	Straight Wall Container		25
SW24150602	Straight Wall Container		25
SW241508A2	Straight Wall Container		25
SW24151002	Straight Wall Container		25
SW241511A2	Straight Wall Container		25
SW24151502	Straight Wall Container		25
SW242208A2	Straight Wall Container		25
SW242211A2	Straight Wall Container		25
SW242215A2	Straight Wall Container		25
SW32150802	Straight Wall Container		25
SW48150802	Straight Wall Container		25
SX151208A4	Straight Wall Container - Cross Cube		26
SX241504A4	Straight Wall Container - Cross Cube		26
SX241508A4	Straight Wall Container - Cross Cube		26
SX24151000	Straight Wall Container - Cross Cube		26
SX241511A4	Straight Wall Container - Cross Cube		26
SX24151500	Straight Wall Container - Cross Cube		26
SX242208A4	Straight Wall Container - Cross Cube		26
SX242211A4	Straight Wall Container - Cross Cube		26
SX242215A4	Straight Wall Container - Cross Cube		26
SX48150800	Straight Wall Container - Cross Cube		26

T

TH484002	Bulk Container Lid - Heavy Duty		15
TH484502	Bulk Container Lid - Heavy Duty		17
TL42290400	Bulk Container Lid - General Purpose	LS422904	42
TL484002	Bulk Container Lid - Industry Standard		15
TL48440300	Bulk Container Lid - General Purpose	LS484403	42
TL48440400	Bulk Container Lid - General Purpose	LS484404	42
TL484503	Bulk Container Lid - General Purpose	LS484503	17
TM32300300	Top Cap for 32x30 Pallet		10, 11, 26
TO48450300	Top Cap for 48x45 Ohio Pallet		10, 11, 26
TP48450300PF000	Citadel Lid		41
TQ48450300PF000	Citadel Lid		41
TR48450200	Top Cap for 48x45 Romeo Pallet		10, 11, 26
TS323002	Bulk Container Lid - General Purpose		14
TS484002	Bulk Container Lid - General Purpose		15
TS484503	Bulk Container Lid - Industry Standard		16, 17, 19
TV484002	Bulk Container Lid - Industry Standard		15
TV48450300	48x45 Vacuum Formed Lid		10, 11, 26
TV574802	Bulk Container Lid - Extended Length		18
TV644802	Bulk Container Lid - Extended Length		18
TV704802	Bulk Container Lid - Extended Length		18
TW48400200	Top Cap for 48x40 Straight Wall Pallet		11, 26
TW48450200	Top Cap for 48x45 Straight Wall Pallet		11, 26

Founded in 1933 in Akron, OH, Myers Industries has grown into a leading international manufacturer of polymer products and distributor of tire service products, serving diverse niches in markets that include: agriculture, horticulture, automotive, industrial, material handling, packaging, construction, food processing, tire repair and retread.

Below is a quick reference to Myers Industries' brands, products and markets:



Lawn & Garden

Leading brands for plastic pots, trays, baskets and decorative resin planters for the professional grower industry and retail garden centers...

- Plastic Flowerpots & Tray Systems
- Hanging Baskets
- Decorative Resin Planters
- Merchandising & Branding Programs

Key Markets...

- Greenhouse Growers
- Nursery Growers
- Grower Distributors
- Retail Garden Centers

Myers Industries
Lawn & Garden Group



Grower Brands:



Retail Brands:



Distribution

The largest U.S. distributor of tools, equipment and supplies for the tire, wheel and undervehicle service industry...

- Tire Valves & Accessories
- Tire Changing & Balancing Equipment
- Lifts & Alignment Equipment
- Tire Repair & Retread Supplies

Key Markets...

- Auto Dealers
- Auto Repair Facilities
- Commercial Auto & Truck Fleets
- Retail Tire Dealers
- Retreaders
- Truck Tire Dealers



Brand strength and success across the four business segments of Myers Industries is rooted in the Company's rigorous attention to customer satisfaction – whether it's a component of new product innovation, consistent quality or just listening to a customer and delivering the best solution for exceptional performance.



Material Handling

The most recognized brands for reusable containers and pallets to replace cardboard boxes and other disposable packaging – reducing supply chain waste and costs...

- Plastic Reusable Containers & Pallets
- Plastic Storage Bins & Systems
- Metal Wire Shelving Systems
- Custom Material Handling Products

Key Markets...

- Agriculture / Seed
- Beverage Processing
- Food Processing
- Industrial / Manufacturing
- Retail Distribution



Custom Engineered

Engineered rubber and plastic components, custom products and tire repair products serving diverse niche markets...

- Plastic HVAC Systems
- Industrial Rubber Sheet Stock
- Custom Rubber & Plastic Components
- Tire Repair & Retread Products

Key Markets...

- Agriculture
- Automotive
- Industrial
- Marine
- Recreational Vehicle
- Tire Repair



