

Profit *in Motion* Modular Nesting Systems Earn High Marks For...

System Terms

Modularity: Engineered for maximum cube utilization.

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

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

HDPE: High density polyethylene, extremely rigid and very strong. Withstands temperatures between -20° and 120°F.

- Rugged construction, excellent durability
 - Maximum space usage on pallets and in trailers
 - Reduced shipping, handling, and storage costs
 - Ideal in both manual and automated operations
 - Heavy-duty product protection against damage and loss
- ... All lowering the costs of doing business!

Ergonomic Handles

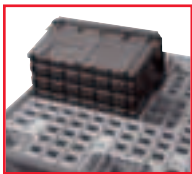
Sure, comfortable grip for worker ease, safety, and efficiency

Buckhorn's Modular 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
- Nesting saves return transport and storage space
- Attached lids snap tight to protect contents from contaminants
- Ergonomic handles allow safe lifting to protect workers and contents
- Automation-friendly for better handling efficiency
- Injection molded HDPE containers resist impact, moisture, oil, and most chemicals
- Heavy-duty structural foam pallets provide durability for secure shipping
- Systems meet AIAG standards for cube utilization

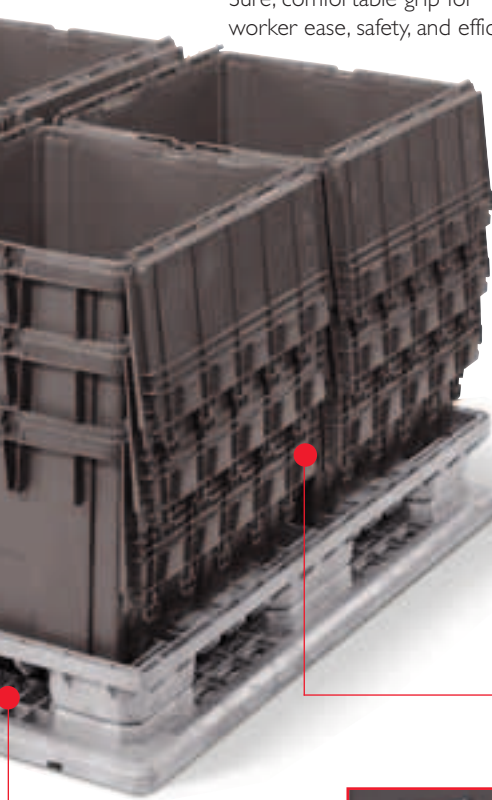
Locking Lid Design

Attached-recessed lids lock for superior product protection and secure stacking



Container-Pallet "Interlock"

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



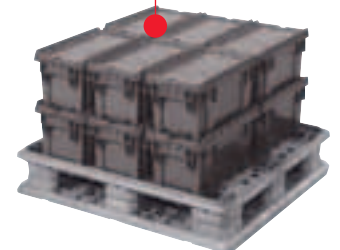
Dual-Handling Pallet Base

Pallets feature 4-way entry for forklifts and pallet jacks



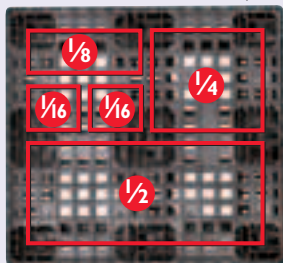
Optional Cardholder

Easy container/content identification for better inventory control. Labels and other ID systems available.



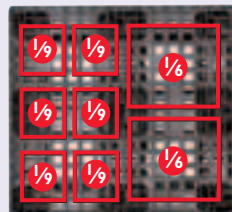
Multiple Container Sizes

Use up to 6 different container sizes with the 48" x 45" system



48" x 45" Pallet

Use 2 different container sizes with the 32" x 30" system

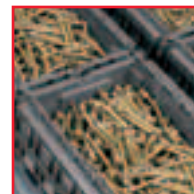


32" x 30" Pallet

Ideal for Applications in...



Automotive



Small Parts

plus ...

- Appliance
- Component Parts Shipping
- In-Process Handling
- General Manufacturing

... and many more!

Modular Nesting Container Systems

- 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
- Containers stack, nest, and interwork for maximum space usage on pallets, in trailers and storage areas
- Ergonomic handles for comfort and safety when lifting
- Automation-friendly for better handling efficiency
- System meets AIAG standards for cube utilization



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

Modular Nesting Container System

48" x 45"

- Molded-in drain holes for easy cleaning; optional solid bottoms or bottoms with 3" roller conveying surface (Min. order required)
- Structural foam, detached lid container is available for special applications (Model No. MD48221489)
- Options: Label placards, cardholders, and hot stamps



[S] Model No. MA12110789 (1)
1/16 Size
 Dim: L 11.81" x W 10.88" x H 7.44"
 Capacity: 45 lbs. / 20 kg
 Color: Dk. Gray

[S] Model No. MA24110989 (2)
1/8 Size
 Dim: L 23.5" x W 10.94" x H 9"
 Capacity: 120 lbs. / 54 kg
 Color: Dk. Gray

[S] Model No. MA24111489 (3)
1/8 Size (Tall)
 Dim: L 23.5" x W 10.94" x H 14"
 Capacity: 120 lbs. / 54 kg
 Color: Dk. Gray



[S] Model No. MA24191489 (4)
1/4 Size
 Dim: L 23.5" x W 18.94" x H 14"
 Capacity: 120 lbs. / 54 kg
 Color: Dk. Gray

[S] Model No. MA48111489 (5)
1/4 Size (Long)
 Dim: L 47.88" x W 11" x H 14"
 Capacity: 120 lbs. / 54 kg
 Color: Dk. Gray

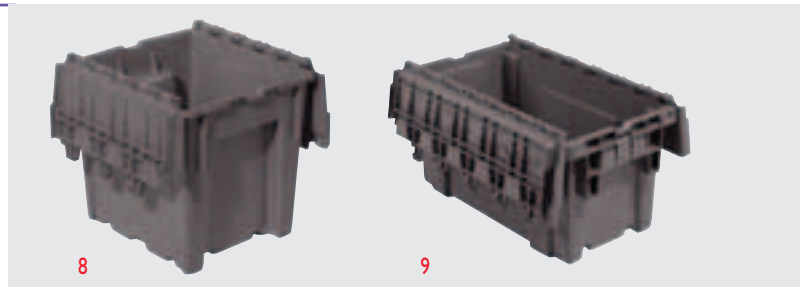
Model No. MD48221489 (6)
1/2 Size (Detached Lid)
 Dim: L 48.13" x W 22" x H 13.75"
 Capacity: 200 lbs. / 91 kg

Model No. ML48220000(7)
Lid
 Dim: L 48.12" x W 22" x H 1.37"

Modular Nesting Container System

32" x 30"

- Reinforced tie holes in lids allow sealing for extra security
- Options: Label placards, cardholders, and hot stamps



[S] Model No. MA10090989 (8)
1/9 Size
 Dim: L 9.75" x W 8.56" x H 9"
 Capacity: 45 lbs. / 20 kg
 Color: Dk. Gray

[S] Model No. MA15080789 (9)
1/6 Size
 Dim: L 15" x W 8.25" x H 7.44"
 Capacity: 60 lbs. / 27 kg
 Color: Dk. Gray

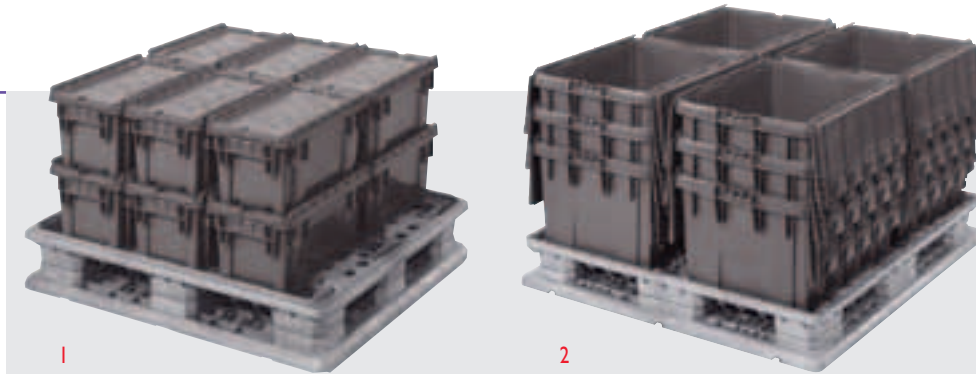


Rugged design provides greater worker efficiency and part protection versus cardboard boxes.

Modular System Pallets



- 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

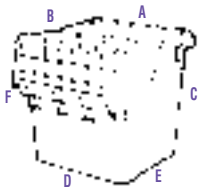


S Model No. PN323006VD (1)
32" x 30" Pallet
 Dim: L 32" x W 30" x H 5.54"
 Color: Dk. Gray

S Model No. PN48450733 (2)
48" x 45" Pallet
 Dim: L 48.19" x W 45.19" x H 7.37"
 Color: Dk. Gray

48" x 45" Modular Nesting Container System

- Stock color: Dk. Gray
- Drain holes are standard on containers



Model No.	Description	Dimensions						Weight lbs.	Weight Capacity lbs.	Volume Cu. Ft.	Nesting Ratio	48' Truck Stacked	Capacity ¹ Nested	53' Truck Stacked	Capacity ¹ Nested
		L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	W"(E)	Inside Usable Height H"(F)								
S 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	—	—	—	—	
S 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	—	—	—	—	
S 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	—	—	—	—	
S 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	—	—	—	—	
S MA48111489	1/4 Size (Long)	47.88	11	14	44.13	8.13	12.13	13.8	120	2.52	3.11:1	576	1224	624	1326
	mm/kg/l	1216	279	356	1121	207	308	6.3	54	71.32	—	—	—	—	
MD48221489	1/2 Size	48.13	22	13.75	42.50	17.50	12.38	23	200	5.33	3.1:1	336	864	364	936
	mm/kg/l	1223	559	349	1080	445	314	10.4	91	150.90	—	—	—	—	
ML48220000	1/2 Size Lid	48.12	22	1.37	—	—	12.37	10	—	—	—	—	—	—	
	mm/kg/l	1222	559	35	—	—	314	4.5	—	—	—	—	—	—	

¹Palletized in truck load quantities from the factory

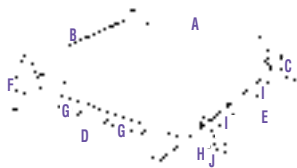
32" x 30" Modular Nesting Container System

- Drain holes are standard on containers

Model No.	Description	Dimensions						Weight lbs.	Weight Capacity lbs.	Volume Cu. Ft.	Nesting Ratio	48' Truck Stacked	Capacity ¹ Nested	53' Truck Stacked	Capacity ¹ Nested
		L"(A)	Outside Top W"(B)	H"(C)	Inside Bottom L"(D)	W"(E)	Inside Usable Height H"(F)								
S 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	—	—	—	—	
S 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	—	—	—	—	

Pallets

- Stock color: Dk. Gray



Model No.	Description	Dimensions						Weight lbs.	Weight Capacity Static lbs.	Weight Capacity Dynamic lbs.	Fork Tunnel Dimensions				Return Ratio	Truck Capacity 48'	Capacity 53'
		External L"(A)	W"(B)	H"(C)	L"(D)	Internal W"(E)	H"(F)				48' Side L"(G)	H"(H)	40' & 45' Side L"(I)	H"(J)			
S PN323006VD	32x30	32	30	5.54	30.5	28.25	5.25	30	6000	4000	7.38	2.50	6.38	2.50	1:1	1026	1144
	mm/kg	813	762	141	775	718	133	14	2722	1815	187	64	162	64	—	—	—
S PN48450733	48x45	48.19	45.19	7.37	45.63	42.5	6.75	56	6000	4000	9.88	3.63	9.88	3.63	1:1	336	364
	mm/kg	1224	1148	187	1159	1080	171	25	2722	1815	251	92	251	92	—	—	—



¹Capacity is dependent upon application and use environment. Check with Buckhorn for suitability in your application. Specifications subject to change without notice.