



MONOFLO FOR DISTRIBUTION

**Our products  
move the products  
people need everyday.**

[miworldwide.com](http://miworldwide.com)

Manufactured in America | 540-771-3077



# Our unique approach to business is why we're the leader.

Monoflo designs, manufactures and ships more distribution containers than any other company in America.

## Defining what comes next.

Achieving optimum performance for your bottom line begins with our innovative manufacturing technologies.

We offer the most efficient, highest performing products for your business. Each of our customers works with an assigned, expert distribution industry manager so everyone receives the focused attention needed to enhance the development and implementation of their reusable packaging strategies.

We do it by providing...

- 1. Responsive service**
- 2. Superior engineering**
- 3. Quality & efficiency**
- 4. Customization**
- 5. Recycling & sustainability**



# We'll grow with you.

With automation becoming the standard, the distribution marketplace is changing. Think of Monoflo as a partner for growth. Clients rely on our experience in warehouse automation and our perspective for helping to increase their operational efficiency.

Monoflo product innovations not only make automation possible, they also can increase re-stocking efficiency, lower shipping costs, save fuel, maximize return ratios and contribute to a safer work environment.



## Foldable Containers

- Many sizes and styles
- Access doors for easy part retrieval
- Freight savings for return freight
- Automation approved for base racking deflection



## Stackable Containers

- Standard sizes of 600 x 400mm and 650 x 450mm
- Optional dividers and Mini Tote System (MTS)
- Automation approved for base deflection and easily conveyable



## Stack & Nest Containers

- 600 x 400mm footprint
- Efficient nesting ratios for transportation and storage saving
- Ventilated and solid side wall options



## Nestable Pallets

- Unique welded construction
- Lighter weight yields greater strength-to-weight ratio
- High pressure, injection molded design
- 100% recyclable and available in recycled materials

# Industry-Leading Innovation: **Plastic Hinge Design**

We're always striving to improve on a good thing. Continuous, innovative product improvement and development is an integral part of our culture.

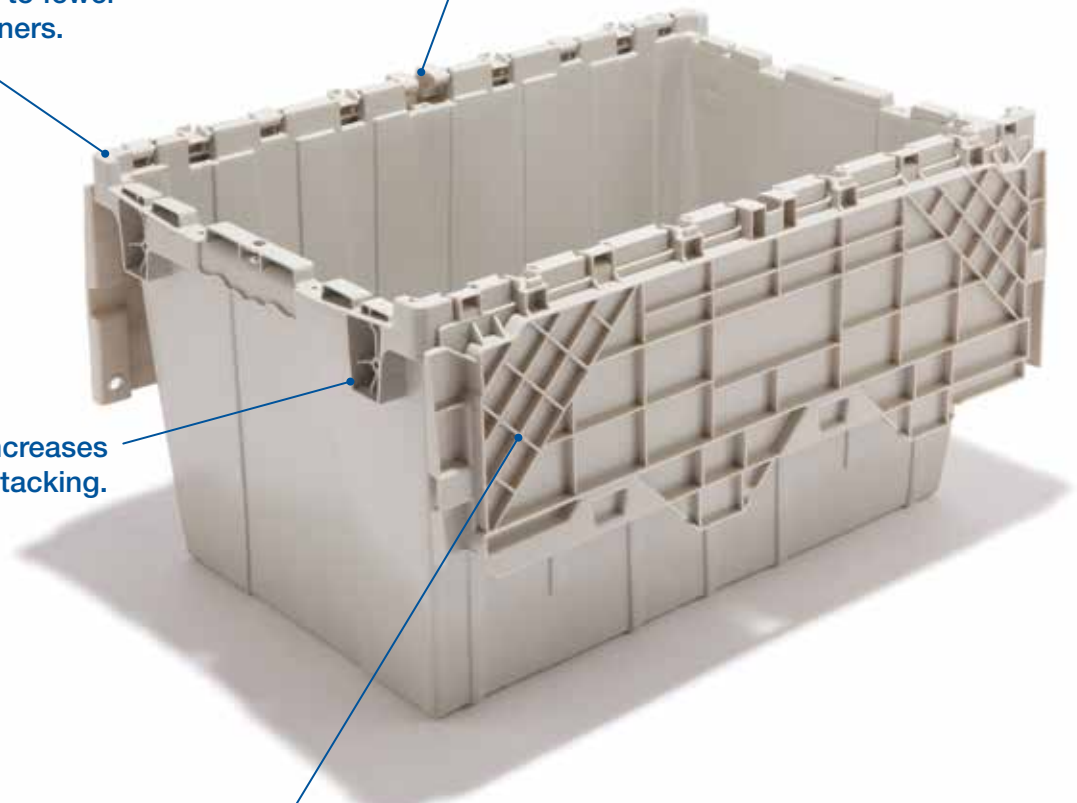
Monolfo's new distribution container design is loaded with features to make it the easy choice. By replacing the metal hinge pin and reinforcing several key impact areas, the new design is safer, cost-effective, stronger, more durable and 100% recyclable.

Secure plastic hinges make containers safer to handle and easier to recycle at end-of-life.

Stronger corner design means increased durability which translates to fewer damaged containers.

Enhanced nesting lug increases strength when stacking.

Redesigned lid features additional ribbing in critical impact areas.



Ask about our progressive buy-back program. We buy containers once they reach their useful end-of-life.

Standard, Heavy-duty and Moving

# Nestable Containers with Attached Lids

- Ergonomic carrying handles
- Reinforced tie holes for minimizing lid damage
- Multi-fingered lid design provides tamper-resistant security
- “Traction” bottom surface prevents slippage on conveyors
- Optional recessed cross strapping lid for added security



## Nestable Containers with Plastic Hinge

Model	Outside Dimensions				Inside Dimensions				Total Container Height	Product Clearance	Weight (lbs)	Volume (cubic feet)	Trailer Qty
	Top		Bottom		Top		Bottom						
	L	W	L	W	L	W	L	W					
DC2012-07 SP	19.6	11.6	17.1	9.3	17.7	9.9	16.5	8.7	7.3	6.2	3.1	0.5	7,200
DC2115-09 SP	21.9	15.3	19.2	13.3	20.1	14.3	18.9	12.0	9.7	8.2	4.7	1.3	4,680
DC2115-09 HP	21.9	15.5	19.1	13.2	20.1	14.4	19.3	13.3	9.5	8.2	5.2	1.3	4,680
DC2115-12 SP	21.9	15.2	18.9	12.7	19.7	14.0	18.0	12.2	12.8	11.0	5.4	1.7	4,480
DC2115-12 HP	21.9	15.5	18.6	12.8	19.8	14.1	18.1	12.4	12.8	11.2	6.1	1.7	4,352
DC2115-17 HP	21.9	15.2	18.6	13.0	20.1	14.3	18.4	12.8	17.2	15.8	7.7	2.3	3,456
DC2420-12 Container Only	23.9	19.5	21.9	17.4	22.1	18.1	20.8	16.8	12.0	11.4	5.2	2.5	3,120
DC2420 Lid Only	24.3	19.9	N/A	N/A	N/A	N/A	N/A	N/A	1.3	N/A	1.8	N/A	3,120
DC2515-14 SP	25.3	16.3	22.0	13.3	23.3	14.5	21.6	12.8	13.9	12.2	7.2	2.2	2,600
DC2717-12 SP	27.3	17.2	24.4	14.6	25.2	15.5	23.7	13.9	12.6	11.0	7.7	2.5	3,120
DC2820-15 HP	28.1	20.8	25.8	18.8	26.0	19.0	25.0	18.0	15.6	14.0	13.2	3.8	1,320

## Nestable Containers with Metal Hinge

DC1813-15 SM*	17.4	12.9	14.4	10.9	15.2	11.8	14.0	10.5	13.6	13.5	5.8	1.3	4,416
DC1813-15 HM*	17.4	12.9	14.4	10.9	15.2	11.8	14.0	10.5	13.6	13.5	6.1	1.3	4,416
DC2213-12 SM*	22.4	13.0	18.8	10.6	20.0	11.3	18.8	10.1	13.0	11.8	6.1	1.4	4,000
DC2420-12 SM*	23.8	19.2	21.4	17.4	22.3	18.1	20.5	16.5	12.5	11.0	7.7	2.4	2,880

## Dollies for Nestable Containers

Dolly 2818 (for use with DC 2717-12 and comes standard with 4" casters)	28.5	18.5	N/A	N/A	N/A	N/A	N/A	N/A	6.5	N/A	13.0	N/A	900
Dolly 2818 (for use with DC 2717-12 and ships without casters)	28.5	18.5	N/A	N/A	N/A	N/A	N/A	N/A	6.5	N/A	5.0	N/A	1,716



Engineered to exacting specifications.  
Repeatable process. Every time.

# Automation Products

- Largest supplier for system integration in North America
- Engineered to exacting specifications
- Ideal for AS/RS systems
- Customizable
- Rapid prototyping
- Reliable process yields repeatable quality



## Trays

Model	Outside Dimensions			Inside Dimensions			Stack Height	Nest Height	Weight (lbs)	Volume (cubic feet)	Trailer Qty 53'
	Top			Top							
	L	W	H	L	W	H					
AS/RS 350x500	19.7	13.8	1.9	18.9	13.0	1.0	1.1	1.1	2.0	0.1	14,940
AS/RS 500x700	27.6	19.7	1.9	27.6	19.7	1.9	1.1	1.1	3.7	0.3	7,470



## Stack Only Containers

Model	Outside Dimensions			Inside Dimensions			Stack Height	Capacity (lbs)	Weight (lbs)	Volume (cubic feet)	Trailer Qty 53'
	Top			Top							
	L	W	H	L	W	H					
SO6040-225	23.2	15.8	8.9	21.9	14.0	8.2	8.5	60	6.1	1.5	1,800
SO6040-325	23.6	15.8	12.8	21.9	14.0	12.2	12.4	60	7.4	2.2	1,200
SO6340-380	25.0	15.8	14.9	23.4	14.2	14.4	14.5	50	7.5	2.7	945
SO6545-325	25.6	17.7	12.8	23.9	16.0	12.2	12.4	60	7.8	2.6	960
SO6545-325 HD	25.6	17.7	12.8	23.9	16.0	12.2	12.4	88	8.3	2.6	960
SO6545-440	25.6	17.7	17.3	23.9	16.0	16.7	16.9	60	9.4	3.6	750
SO6545-440 HD	25.6	17.7	17.3	23.9	16.0	16.7	16.9	88	9.9	3.6	750

Contact Monoflo for specifications on Mini Tote System (MTS) containers.



## Stack & Nest Containers

Model	Outside Dimensions				Inside Dimensions				Overall Height	Usable Inside Height	Weight (lbs)	Trailer Qty 53'
	Top		Bottom		Top		Bottom					
	L	W	L	W	L	W	L	W				
SN6040-270	23.6	15.7	21.6	13.7	20.3	14.4	19.4	13.5	10.7	9.8	3.9	3,300
SN6040-270 V	23.6	15.7	21.6	13.7	20.3	14.4	19.4	13.5	10.7	9.8	3.6	3,300

"V" denotes vented side walls.



KD6040-285  
with vented side walls  
and open access door

## Collapsible Containers

Model	Outside Dimensions			Inside Dimensions			Stack Height	Folded Height	Weight (lbs - PP)	Volume (cubic feet)	Trailer Qty 53'
	Top		H	Top		H					
	L	W		L	W						
KD6040-285	23.6	15.8	11.2	22.3	14.4	10.8	10.8	2.8	6.8	2.0	5,250
RC6040-285 V	23.7	15.7	11.2	21.2	14.4	10.2	10.8	3.3	7.2	1.8	4,800
RC6040-285	23.7	15.7	11.2	21.3	14.4	10.2	10.8	3.3	7.3	1.8	4,800

KD containers are foldable from the long sides with latches and sidewalls connected to the base.

RC containers are foldable from the short sides with two latches to lock in place. Long sidewalls connect to the top collar. "V" denotes vented side walls.

RC containers are foldable from the short sides without needing latches. Long sidewalls connect to the top collar.

## Rackable and Nestable

# Pallet Systems

- Injection molded
- Designed for easy cleaning and sanitary applications
- Strong and rugged with racking capacities
- Available in FDA and USDA approved materials
- Sustainable — made with recyclable materials
- Buy-back pallet programs available



RP 4840-6

## Rackable Pallets

Model	Entry	Material	Outside Dimensions (inches)			Pallet Weight	Static Load (lbs)	Dynamic Load (lbs)	Edge Rack Load (lbs)	Stack Qty	Trailer Qty 53'
			L	W	H						
RP 4840-6 I	4-Way	PE	48.0	40.0	6.0	42.0	30,000	4,000	1,400	17	510
RP 4840-6 II	4-Way	PP	48.0	40.0	6.0	40.0	30,000	4,000	2,100	17	510

Edge Rack Load ratings are affected by type and width of support for pallet on the short side.



NP 4840-6

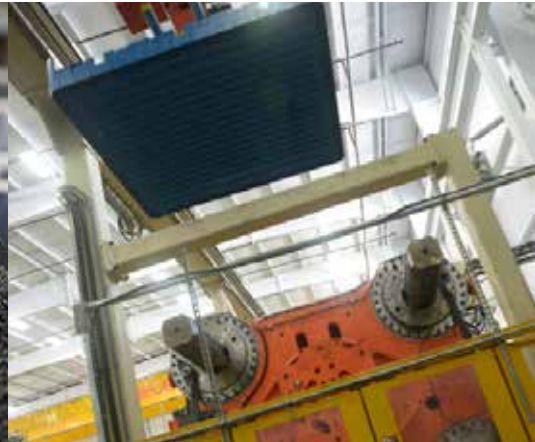
## Nestable Pallets

Model	Entry	Material	Outside Dimensions (inches)			Pallet Weight	Static Load (lbs)	Dynamic Load (lbs)	Stack Qty	Trailer Qty 53'
			L	W	H					
NP 4840-6 I	4-Way	PE	48.0	40.0	6.5	21.0	20,000	2,200	44	1,260

Static and Dynamic Load maximum ratings are affected by type and distribution of load.

**IF YOU DON'T SEE EXACTLY WHAT YOU NEED, TALK TO US. CUSTOMIZING YOUR PERFECT CONTAINER IS AN IMPORTANT PART OF OUR UNIQUE APPROACH.**

# Choosing the right path.



## **Sustainability is good business—good for the environment, good for your bottom line.**

More than moving products from manufacturing to retail at the lowest cost and improving delivery quality of the primary package, Monoflo believes that making smarter operational choices that help the environment also help your bottom line.



Through superior engineering, Monoflo is able to reduce the secondary package weight for our customers by hundreds of pounds per truckload. This results in annual reductions of millions of pounds of freight hauled each year, which in turn requires less fuel to move. At the same time, the design of the products we produce ensures they will continue to perform through extended product life cycles.

As part of our continuing commitment to environmental practices, Monoflo has a dedicated team whose sole responsibility is to buy back containers that have reached their end of life. These containers are ground and re-pelletized on-site. The resulting materials are used in making superior-quality, recycled containers.

But, sustainable business is not simply recycling and green practices, it's hiring and retaining the best people. It's investing in technologies that ensure the products we manufacture will have a longer product life cycle and will perform for our customers time after time, order after order.



## **Proudly manufactured in America.**

Through Monoflo's manufacturing facilities in Virginia and Kansas, we're creating manufacturing jobs in America and fostering domestic economic growth.

Manufacturing in America makes a statement that runs deep through our communities. For four decades and counting, our employees continue to exemplify the values associated with hard work, ingenuity and tradition.



**MONOFLO**  
INTERNATIONAL

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