Monoflo is North America's leading supplier of intralogistics containers for automated storage solutions.

INTEGRATED DIVIDER SLOTS

RIGID, STABLE SIDE WALLS

VARIOUS LABELING OPTIONS

FM GLOBAL COMPLIANT WATER VENT HOLES

DOUBLE WALL CORNERS

OPTIONAL WELDED OR HYBRID BASE
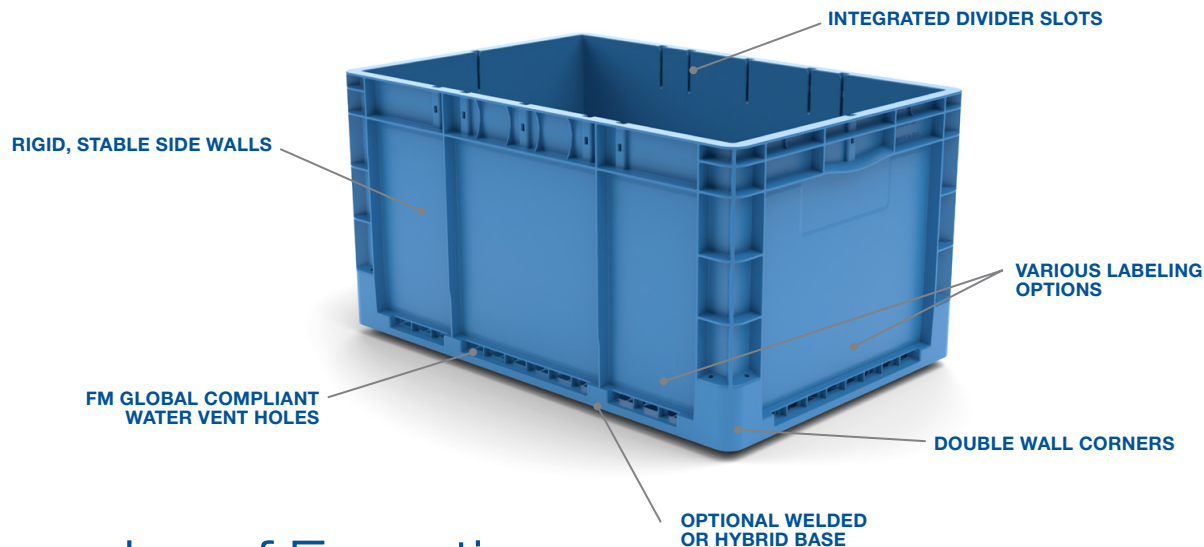
Decades of Expertise

With decades of experience partnering with system integrators, we will provide the right solution for every automated storage system.

Monoflo reusable containers are specifically designed, developed and approved for the diverse requirements of automated storage and retrieval systems. We have experience working with many system integrators and a variety of AS/RS platforms. Monoflo's customers move products in all industries, including:

- · Food
- · Retail
- · Electronics
- · e-Commerce
- · Downstream Distribution

We offer a broad range of standard containers but can also develop a customized solution. Our customers benefit from our knowledge and expertise.

Starts with a Solid Base

Monoflo containers for automated storage system are engineered with durable, reinforced base options able to meet your particular load capacity specifications and seamlessly interface with your specific coveyor techonology and storage requiremetns. The added structural integrity helps to ensure your logistical processes run smoothly.

Engineered to Perform

Monoflo containers are engineered to run smoothly in your intralogistics project. No matter the environment, our containers are made to perform—frequent washing requirements, cold chain systems, extreme ambient temperature changes.

Based on your specific application, we offer our containers in various materials such as Polypropylene (PP), High-Density Polyethylene (HDPE), and Polypropylene-Electrostatic Discharge (PP-ESD).

Tracking & Verification

Knowing what is where is critical to a smooth running system. Monoflo offers a broad range of tagging and labeling options enabling successful identification and tracking of products throughout your operation.

As a part of our manufacturing process, we can apply adhesive bar codes, QR code labels as well as more permanent RFID (radio frequency identification) tagging to every container. Based on your requirements, you can decide how to track and verify the containers—and corresponding products—within your automated system.

Keep your goods flowing 24/7 with Monoflo containers.

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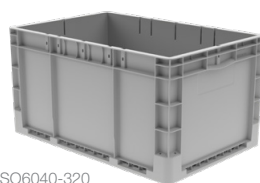**MONOFLO INTERNATIONAL**

defining what comes next.
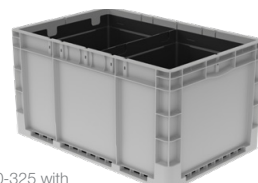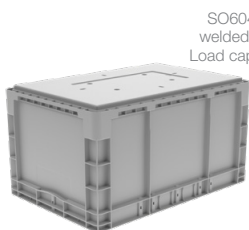
SO 6040 Series
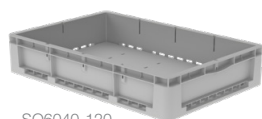
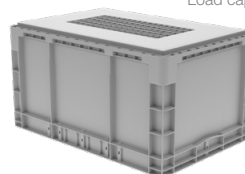SO6040-120

SO6040-220 with
optional 8 Cell MTS

SO6040-320

SO6040-325 with
optional 2 Cell MTS

SO6040-320 with
welded (W) bottom
Load capacity: 50kg

SO6040-320 with
hybrid (H) bottom
Load capacity: 35kg

Model	Outside Dimensions (mm)			Inside Dimensions (mm)			Weight (g)	Pallet Size (In)	Pallet Qty	Trailer Qty
	Length	Width	Height	Length	Width	Height				
SO6040-120 H	600.0	400.0	120.0	565.0	365.0	104.0	1,876	48x40	115	3,450
SO6040-150 H	600.0	400.0	150.0	565.0	365.0	134.0	1,025	48x40	90	2,340
SO6040-180 H	600.0	400.0	180.0	565.0	365.0	164.0	2,204	48x40	75	1,950
SO6040-220 H	600.0	400.0	220.0	565.0	365.0	204.0	2,370	48x40	60	1,800
SO6040-220 W	600.0	400.0	220.0	565.0	365.0	205.6	2,591	48x40	60	1,800
SO6040-270 H	600.0	400.0	270.0	565.0	365.0	254.0	2,572	48x40	50	1,500
SO6040-270 W	600.0	400.0	270.0	565.0	365.0	255.6	2,583	48x40	50	1,500
SO6040-320 H	600.0	400.0	320.0	565.0	365.0	304.0	2,915	48x40	60	1,800
SO6040-320 W	600.0	400.0	320.0	565.0	365.0	305.6	2,894	48x40	60	1,800
SO6040-325 H	600.0	400.0	325.0	565.0	365.0	309.0	3,037	48x40	55	1,650
SO6040-325 W	600.0	400.0	325.0	565.0	365.0	310.6	3,048	48x40	55	1,650
SO6040-400 H	600.0	400.0	400.0	565.0	365.0	384.0	3,268	48x40	30	900

Foldable/Collapsible 6040 Series

KD6040-285

Model	Outside Dimensions (mm)			Inside Dimensions (mm)			Weight (g)	Pallet Size (In)	Pallet Qty	Trailer Qty
	Length	Width	Height	Length	Width	Height				
KD6040-285	600.0	400.0	285.0	566.0	366.0	269.0	3,113	48x40	160	4,800
KD6040-320	600.0	400.0	325.0	566.0	366.0	304.0	3,300	48x40	170	5,100
RC6040-285	600.0	400.0	285.0	541.0	365.8	260.0	3,179	48x40	160	4,800

Optional detached lids available. 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.

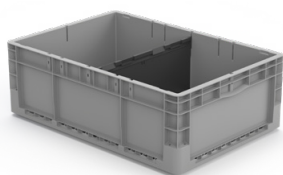## SN 6040 Series
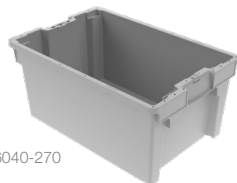
SN6040-270

SN6040-375

Model	Outside Dimensions (mm)			Inside Dimensions (mm)			Weight (g)	Pallet Size (In)	Pallet Qty	Trailer Qty
	Length	Width	Height	Length	Width	Height				
SN6040-270	600.0	400.0	270.0	490.0	340.0	249.0	1,969	48x40	160	4,800
SN6040-375	600.0	400.0	375.0	538.0	370.0	369.0	2,400	48x40	126	3,276

For more information on containers for automated storage solutions, email sales@miworldwide.com
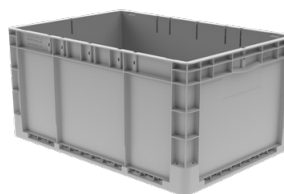
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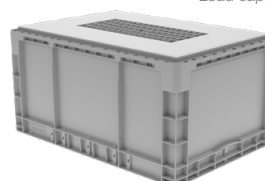INTERNATIONAL

SO 6545 Series

SO6545-220 with optional divider

SO6545-325

SO6545-325 with welded (W) bottom
Load capacity: 50kg

SO6545-325 with hybrid (H) bottom
Load capacity: 35kg

Model	Outside Dimensions (mm)			Inside Dimensions (mm)			Weight (g)	Pallet Size (In)	Pallet Qty	Trailer Qty
	Length	Width	Height	Length	Width	Height				
SO6545-220 H	648.0	448.0	220.0	613.0	413.0	204.0	2,741	42x53	60	1,500
SO6545-220 W	648.0	448.0	220.0	613.0	413.0	205.6	2,748	42x53	60	1,500
SO6545-325 H	648.0	448.0	323.0	613.0	413.0	307.0	3,350	42x53	40	1,000
SO6545-325 W	648.0	448.0	323.0	613.0	413.0	308.6	3,350	42x53	40	1,000

SO 6343 Series

Model	Outside Dimensions (mm)			Inside Dimensions (mm)			Weight (g)	Pallet Size (In)	Pallet Qty	Trailer Qty
	Length	Width	Height	Length	Width	Height				
SO6343-150 W	628.0	428.0	150.0	596.0	396.0	135.8	2,488	51.5x49.5	108	2,592
SO6343-250 W	628.0	428.0	250.0	596.0	396.0	235.8	3,160	51.5x49.5	60	1,440

SO 8060 Series

Model	Outside Dimensions (mm)			Inside Dimensions (mm)			Weight (g)	Pallet Size (In)	Pallet Qty	Trailer Qty
	Length	Width	Height	Length	Width	Height				
SO8060-400 H	798.0	598.0	398.0	748.0	548.0	379.0	5,623	48x40	16	480

MONOFLO SOLUTIONS

Customization when Necessary

When a major electronics provider was designing a fulfillment center, it was quickly determined that a custom tote was going to be needed…Monoflo work collaboratively to develop the new custom sized 630x430mm footprint tote.

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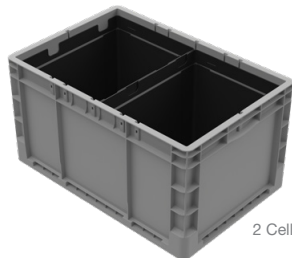**miworldwide.com**

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MONOFLO SOLUTIONS

Optimizing your Stored SKU's

Monoflo offers a full range of accessories for our line of intralogistics containers. The mini-tote system and dividers offer full flexibility when sub-dividing a container is needed.

Mini Tote System (MTS)

MTS for SO 6040 Series

SO 6040-325 MTS Options

2 Cell

4 Cell

8 Cell

MTS for SO 6343 Series

SO 6343-150 MTS Options: 8 Cell & 16 Cell

SO 6343-250 MTS Options: 2 Cell, 4 Cell Cross & 4 Cell Long

Divider Options

Monoflo dividers are injection molded, making them more robust and easier to handle at the de-canting station, even with one hand.

Made with High-Impact Polystyrene (HIPS) which results in a more durable and rigid product compared to other dividers on the market. Injection molding offers a longer useful life and is easier to install into containers

SO 6040 Series – Divider Slot Patterns Available

Options with Short Divider with No-Slot & V2-Slotted

2 Cell

3 Cell

4 Cell

Options with Long Divider V2-Slotted, 1-Slot, 2-Slots, or 3-Slots

4 Cell Cross

8 Cell Cross

6 Cell Cross
220 H Only

SO 6545 Series – Dividers same as 6040 Series, except 6 Cell

SO 8060 Series – Dividers same as 6040 Series, except 6 Cell

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