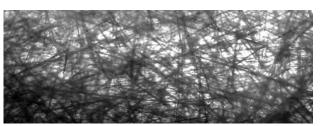


MFG Tray has more than 50 years of experience in designing and molding an extensive line of material handling products for an array of industries. The company is continually developing new products to meet specific handling, storing and processing requirements.

## The material matters in material handling.

MFG Tray Toteline<sup>TM</sup> products are molded from high-strength, glass-reinforced composites. The fiber component provides strength and dimensional stability, while the plastic resin provides specific chemical, electrical and thermal properties. The outstanding physical properties for which these products are known are a result of the synergy of resin matrix and glass reinforcement. Most MFG Tray products are compression molded from our own sheet-molding compound (SMC), a process that is ideal for producing medium to high volumes of high-strength, complex parts.

Unlike plastic trays and containers, composite products are dimensionally stable and will not bend or sag under loads. And unlike metal, they will not dent, corrode or bend. Thanks to their strength, composite products may be readily stacked to save space and streamline handling and product storage. The durability that results from composite construction ensures years of dependable performance.



Fibers in MFG Tray products are multidirectional or random for optimal tensile and torsion strength of the finished part. Fiber lengths vary from 1" to 2". The composites can contain up to 35 percent of randomly oriented fibers by weight.

## Exceptional performance and durability

Thanks to their composite design, MFG Tray Toteline<sup>TM</sup> products offer substantial strength and weight-carrying capacity resulting in exceptional stacking capability under heavy loads. Thanks to their dimensional stability, they are also ideal for machine integration and robotic applications, and can be used continuously in temperatures ranging from -60° to 250° F (-51° to 121° C), and intermittently in temperatures  $300^{\circ}$  F and higher. Glass-reinforced thermosets increase in impact strength as temperatures decrease, and MFG products have performed well in temperatures as low as -190° F. Standard formulations are impervious to radiation, cutting oils, detergents, mild acids and alkaline solutions ranging from 3.0 to 10.0 pH. Models are available that may be used in chemical solutions from 3.0 to 12.0 pH. The standard formulation is approved for UL 94 HB flammability rating.

## Variety of configurations and accessories

The MFG Tray material handling line is comprised of over 300 different containers for general and specific processing, conveying, transporting and storing requirements. In addition, MFG Tray offers modifications such as handholds, drain holes, drop handles, grommets, casters and dollies to meet specific application needs. Wire-rim reinforcement is available on certain products for added dimensional stability.



Efficient storage and handling with outstanding durability. MFG Tray containers are available in a variety of sizes and designs to readily accommodate an array of end products, as well as conveyor, roller and storage rack configurations. Several units portrayed here have been in service for 20 years.



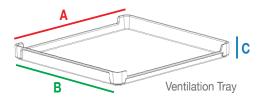
**Space-saving nest and stack design.** MFG Tray nest and stack containers are readily integrated into work areas helping to maintain organization and eliminate clutter.

Custom Equipment Company Tom McGovern, 866-333-0728 Sales: tom@custommhs.com www.custommhs.com



## **Ventilation Trays**

- Stacking ventilation trays optimize air flow and reduce drying/ cooling times
- Variety of depths offered to accommodate a range of part sizes
- Inherent strength enables trays to be stacked without bending or sagging



Product Name	Top Outside (inches)			Bottom	Inside (i	Model No.	
	••		· ·	^		C	
Stacking Box, vent	$21^{3}/_{8}$	$21^{3}/_{8}$	2	20 <sup>3</sup> / <sub>8</sub>	20 <sup>3</sup> / <sub>8</sub>	$1^{7}/_{8}$	203108
Stacking Box, vent	$21^{3}/_{8}$	21 <sup>3</sup> / <sub>8</sub>	3 1/8	20 <sup>3</sup> / <sub>8</sub>	20 3/8	3 1/8	203208
Tray with drop ends	29 <sup>7</sup> / <sub>8</sub>	23 7/8	1 1/2	28 <sup>7</sup> / <sub>8</sub>	22 <sup>7</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>8</sub>	600008
Tray with drop sides	29 <sup>7</sup> / <sub>8</sub>	23 7/8	2	28 <sup>7</sup> / <sub>8</sub>	22 <sup>7</sup> / <sub>8</sub>	1 <sup>7</sup> / <sub>8</sub>	600108
Tray with drop sides	23 7/8	14 <sup>7</sup> / <sub>8</sub>	$1^{3}/_{8}$	22 <sup>7</sup> / <sub>8</sub>	13 <sup>7</sup> / <sub>8</sub>	1 1/4	600208
Tray with drop end	29 7/8	23 7/8	2	28 <sup>7</sup> / <sub>8</sub>	22 7/8	1 <sup>7</sup> / <sub>8</sub>	600308
Tray with drop end	29 7/8	23 7/8	1	28 <sup>7</sup> / <sub>8</sub>	23 7/8	<sup>7</sup> / <sub>8</sub>	600408
Tray with drop ends	24 1/4	24 1/4	2 1/4	23 1/4	23 1/4	2 1/8	630101
Tray with drop ends	32 3/4	24 <sup>3</sup> / <sub>4</sub>	1 1/2	31 <sup>5</sup> / <sub>8</sub>	22 1/2	$1^{3}/_{8}$	633001
Tray with drop sides	24	12	2 3/4	23 1/8	11 <sup>1</sup> / <sub>8</sub>	2 3/4	634008
Tray with drop end	32	24	1 3/4	30	22 1/8	1 <sup>5</sup> / <sub>8</sub>	641008
Tray, drop ends and sides	30	24	1 3/8	29 1/4	23 1/8	1 1/4	642008
Stacking Box, drop sides	30 3/8	15 <sup>7</sup> / <sub>8</sub>	2 7/8	29 <sup>7</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>8</sub>	2 5/8	805208
Stacking Box, drop sides	30 3/8	15 <sup>7</sup> / <sub>8</sub>	$4^{1}/_{8}$	29 <sup>5</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>8</sub>	4	805308
Stacking Box, drop sides	30 3/8	15 <sup>7</sup> / <sub>8</sub>	3 <sup>5</sup> / <sub>8</sub>	29 5/8	15 <sup>1</sup> / <sub>8</sub>	3 1/2	805508
Stacking Box, drop sides	31 7/8	15	2	31	14 <sup>1</sup> / <sub>8</sub>	1 7/8	816001
Stacking Box, drop sides	25 <sup>3</sup> / <sub>4</sub>	17 3/4	3	23 7/8	15 <sup>7</sup> / <sub>8</sub>	2 7/8	870308
Standard Colors: Gray, Green, White							



Trays, with drop ends Model No. 641008



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**Functional design. Versatile applications.** MFG Tray ventilation trays are expressly designed to facilitate parts drying by encouraging airflow across their low-profile sides. The trays are inherently strong and can be readily stacked without sagging or bending, saving valuable floor space and ensuring ease of handling. Rounded interior corners will not trap residue, and composite surfaces are easily cleaned. Wide temperature compatibility makes them an ideal choice for an array of food service, industrial and processing applications.