

# SOLUTIONS IN WINE MAKING

---



Be it fermentation, maturation, or transportation, Bonar has the wine container for your application in both plastic and steel vessel constructions.



Bonar's Wine Master™ Product Collection includes Plastic Portable Tanks, Steel Portable Tanks, Wine barrel racking systems, and Bulk Storage Tanks. Bonar Plastics can help you improve the function, economics and performance of your company's wine and spirit handling systems.

# Rack-Master™

Rack-Master's™ revolutionary design helps wine makers focus more on making wine, rather than being burdened with rack and barrel maintenance issues. A unique all plastic construction provides complete corrosion resistance and a gentle surface texture that protects expensive oak barrels from unnecessary handling damage. Rack-Master™ is also built to last with unparalleled impact strength, which resists the denting and paint chipping associated with steel racks. This proven durability is backed by the industry's best warranty protection, offering twice the coverage of the nearest competitor.

The Rack-Master™ design is also very versatile in that every dimension was carefully crafted to accommodate the wine industry's most popular barrel handling and washing equipment, and is stacking compatible with existing steel barrel rack systems, making the switch to Rack-Master™ a seamless change for existing winery operations. Finally, if Rack-Master™ ever has to be replaced at the end of its useful life, Bonar Plastics has a return program, where used racks are welcomed back to be reprocessed into new racks, providing the wine industry with a documented cradle to grave solution.

**One Piece HDPE Design** - No welded joints or areas to trap bacteria; more sanitary, easier to clean.

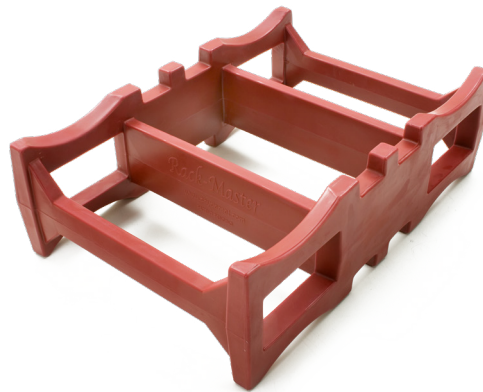
**Corrosion Resistant** - No refurbishing or repainting required; reduces maintenance costs.

**Superior Impact Strength** - No denting, or chipping; reduces maintenance costs.

**Smooth Plastic Surface** - Gentler on barrel assets; reduced coefficient of friction with barrel surface.

**Pallet Jack Accessible** - Side entries are compatible with standard pallet jacks (27" width).

**Bung Access Port** - Allows access to bung port while barrels are stacked for topping, stirring, & sampling.



**Industry Leading 2 Year Warranty** - workmanship and materials. Steel racks are 1 year and for workmanship only.

**100% HDPE Recyclable** - More environmentally responsible.

**Maximizes Barrel Oxygen Exposure** - Limits barrel contact points, promoting airflow around barrel.

**7" Forklift Channels** - optimize handling and clearance between stacked barrels.

**Gradual radius corner design** - No sharp corners; decreases accidental damage and improves worker safety.

**Optional Colors Available.**



Size	Height (in)	Width (in)	Length (in)	Weight (lbs)
2 Barrel	16	31.5	45	35
4 Barrel	15	45	71	108

*Capacity and weight are approximate.*

# CageBuster™

The revolutionary CageBuster IBC provides a more sustainable alternative to the traditional caged IBC by delivering an IBC solution that eliminates the need for wasteful replacement bottles and refurbished cages with a superior structural IBC design. CageBuster's 100% recyclable polyethylene construction is built to last much longer than a Caged IBC, and can consistently pass the 30 month certification test without needing a replacement bottle or cage, unlike Caged IBCs.

Reason being, CageBuster's tank wall thickness is almost 3 times thicker than a caged IBC, and it's all plastic construction is easier to clean and won't corrode, which offers shippers, container service companies, and end users a more viable reusable container that does not require the wasteful bottle disposal and cage refurbishment associated with the caged IBC.

Best of all, the CageBuster adds all this value for not much more expense, and is designed with an identical footprint and stacking profile to the caged IBC, so making the switch to CageBuster is seamless to your operation and customers.

**100% Polyethylene Tank Construction** - resists corrosion and chemical attack associated with metal cages.

**Free Standing Tank Design** - eliminates need for metal cage, which also makes exterior tank cleaning easier with no cage obstruction.

**Revolutionary Legged Container Shape** - provides maximum stacking strength, and recessed protection for placard label locations.

**Sloped Drain Trough** - provides faster and more complete draining than caged IBCs.



**Valve & Lid Thread Connections** - are compatible with many Caged IBC components, and a 2" replaceable bung port is available as an option.

**Curved Radius Side Walls** - allows easier, more ergonomic access to top ports.

**Company Branding** - or other proprietary information can be permanently molded into the tank side wall.

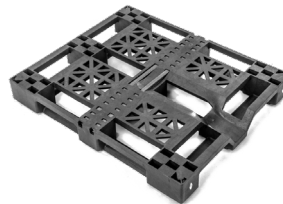
**UN 31H2 (IBC) certified** - for the transportation of packing group II and III hazardous materials.

**Unique Castle Structure** - provides superior strength, which resists warpage and liquid pooling issues on aging caged IBCs.

**Innovative Stacking Lug** - enables CageBuster to stack with itself and most caged IBC designs.

**100% Recycled Plastic Pallet** - design provides a more robust, versatile IBC base, that is conveyor friendly and includes an "anti-skid" feature to prevent the IBC from sliding in trailers.

**3 Times Thicker Container Wall** - is molded from a more durable rotational molding process, which protects better against forklift damage.



Capacity (gal)	Length (in)	Width (in)	Height (in)	Weight (lbs)
275	48	40	52	203

Capacity and weight are approximate.



# Winetainer

Winetainer is the optimum stainless solution to wine making, including a dimple heat transfer surface to facilitate targeted cooling objectives. All standard Winetainer products come equipped with a food grade interior weld finish.

Our state of the art robotic manufacturing process ensures high weld quality and assurance of container integrity.

## 304 Stainless Steel Construction.

**22-1/2" Diameter Top Fill Opening** - with 2" sanitary clamp style connection in center of lid; EPDM gasket and lever lock clamp ring assembly.

**2" Sanitary 90° Elbow** - outlet in "no heel" sloped bottom of tank facilitates complete drainage.

## 3 Way Forkliftable.

**Sloped Bottom** - facilitates complete drainage.

## Sample Port Valve.



## Lifting/stacking lugs.

**Custom Sizes** - available upon request.

## Other Options -

- Dimpled heat transfer surface for cooling.
- Interior USDA finish or Food Grade weld finish.
- 1-1/2", 2", or 3" sanitary racking fittings.
- Thermowell for temperature monitoring.
- Sanitary butterfly valves and sample port valves.
- Open top model available.
- 17" x 13" side door manway.



Capacity (gal)	Length (in)	Width (in)	Height (in)	Weight (lbs)
126	48	42	25.5	310
165	48	42	28.5	321
180	48	42	31.5	346
245	48	42	37.5	384
300	48	42	43.5	419
350	48	42	49.5	464
446	48	42	61.5	537
550	48	42	73.5	607
793	54	54	73.5	1009

Capacity and weight are approximate.

# Bulk Barrel

While allowing valuable oxygen molecules to permeate the vessel's sidewall, Bulk Barrel's unique proprietary design is virtually impermeable to water and alcohol vapor, which eliminates the leaking and routine topping requirements associated with oak barrel maturation. Moreover, the seamless one-piece interior construction is much easier to clean and sanitize before reuse, which eliminates the routine repair and maintenance costs created by aging oak barrels. Best of all, Bulk Barrel provides superior wine maturation at half the acquisition cost of oak barrels with an indefinite useful life.

**100% FDA Compliant PE Construction** - is virtually maintenance free, and easily cleaned and sanitized before use.

**Unique Cylindrical Inner Barrel** - design provides superior structural integrity and dimensional spacing, eliminating harmful air space.

**Sanitary Bottom Valve Connection** - drains domed bottom completely and helps facilitate thorough clean out. Available in 1-1/2", 2", and 3".

**Heavy Duty, Premium Plastic Stacking Frame** - provides superior stacking strength (3-4 high) and protection for the inner barrel.

**Optional Sampling Tap** - is protected by outer frame support.



**2" Bung Fill Opening** - within large lid reduces air space to a minimum. Also, can be used to install racking, ferment vent valve, and other accessories.

**Large Sanitary Lid Opening** - Recessed design minimizes internal air space when closed, and provides complete interior tank access when opened.

**Seamless, homogenous Interior Bottle** - naturally matures wine by permeating the air's oxygen at a similar rate as an oak barrel.

**Wood Planks or Chips or Powder** - can be inserted to meet targeted flavoring objectives reducing the risk of "over-oaking."



Description	Capacity (gal)	Weight (lbs)	Length (in)	Width (in)	Height (in)
4 Barrel	240	242	46	46	54
5 Barrel	300	263	46	46	62
6 Barrel	360	283	46	46	70

*Capacity and weight are approximate.*

Bottom line, the Bulk Barrel technology improves wine maturation vessel breathing at a substantially lower cost without leaking, and can be easily cleaned before reuse, which saves wine makers valuable time and money without jeopardizing premium wine quality.

# Fermenting Bins



## Single Wall MonsterCombo® Bins

Tough, durable, yet lightweight bins are scientifically engineered for added strength. Bins have a **48" x 44"** footprint and are available in heights ranging from 30" up to 62" high.

- Nestable, stackable with lid.
- Standard Color: White



**2700 Series**



**2800 Series**



**2900 Series**



Series #	Base Type	Entry
2700	Molded-in pallet base	4-way
2800	Molded-in pallet base	2-way
2900	Replaceable base	4-way
	Base-welded and sealed to bin	4-way
	Socket base, not attached	4-way
	Roll over base	4-way fork, 2-way pallet jack

Item #	Height (in)	Capacity (cu ft)	Capacity (gal)	Capacity (liters)
MB30 <i>(2900 Series only)</i>	30	25	185	700
MB33	33	28	207	784
MB36	36	31	229	866
MB39	39	34	251	950
MB42	42	37	273	1033
MB45	45	40	296	1120
MB48	48	43	318	1204
MB51	51	46	340	1287
MB56	56	51	362	1370
MB59	59	54	404	1529
MB62	62	57	426	1614

\* Add 2 cubic feet for molded-in base.

# Fermenting Bins



Half-Ton



Full-Ton



2" NPT Adapter



2" Tri-Clover



## Insulated Half-Ton Fermenter

Capacity: (166) Gal / (631) Liters

Weight: Box (100 lbs.) / Lid (31 lbs.)

Dimensions	External		Internal	
	cm	inches	cm	inches
Length:	124	49	117	46
Width:	104	41	97	38
Height:	77	30	62	24
Height w/ Lid	83	33		

## Insulated Full-Ton Fermenter

Capacity: (264) Gal / (1000) Liters

Weight: Box (175 lbs.) / Lid (44 lbs.)

Dimensions	External		Internal	
	cm	inches	cm	inches
Length:	148	58	140	55
Width:	118	46	111	44
Height:	88	35	76	30
Height w/ Lid	95	37		

## Double Wall Insulated

- 2" thick polyurethane insulated core sandwiched between the container walls helps keep product fresh.
- Easy to clean
- Acceptable to USDA/FDA standards.
- Smooth, seamless interior.
- 2" screw-in drain plug makes cleaning easy.
- Stackable with and without lid.
- Adjustable Y clip tie-down.

Item Number	Dimensions L x W x H (in) L x W x H (cm)	Weight (lbs) Weight (kg)	Capacity (gal) Capacity (liters)	Capacity (cu ft)	Load Capacity Dry lbs
IB2145 with Lid	OD 48 x 43 x 49 122 x 109 x 122	226 102	261 987	35	2000 907
IB2145 without Lid	OD 48 x 43 x 47 122 x 109 x 123				
Inside Dimensions (ID)	ID 44 x 39 x 38 112 x 99 x 97				

Dimensions/weights are +/- 2%

# Other Products



## Sani-Box®

Maximize sanitary food handling practices at your operation with the industry's most hygienic bulk container design. Sani-Box® eliminates sidewall seams, gaps, holes and other bacteria traps associated with other plastic bulk boxes.

Sani-Box® has an impact resistant double wall HDPE construction that delivers the industry's highest useful-life-to-cost ratio so you can be assured optimum sanitary service for years to come.

Item #	LxWxH in / cm	Capacity Gals / Liters	Weight Lbs / Kg	Capacity CuFt
Sani-Box	48" x 40" x 31" 122 x 102 x 79	180 681	115 52.2	24



## Bin Liners

For use in the fruit, wine and pickle industries, these tough, durable 80 mil polyethylene liners are great for lining wooden bins or use as fermenting vats

Item #	LxWxH in / cm
BL350	48" x 48" x 48" 122 x 122 x 122



## Versa-Tote

- Easy to clean
- One piece construction
- Comes standard with Lid
- 90% nestable

Item #	LxWxH in / cm	Weight Lbs / Kg	Capacity		
			Gals / Liters	CuFt	Lbs / Kg
Vt 1200 HD	48" x 41" x 29" 122 x 104 x 74	95	180	24	1500
		43	680		680.4

