



concrete dreams

CLC: Concrete Tanks



Two door diamonds in New York's Finger Lakes.

CLC Vasche, which stands for "Cooperative Lavorazione Cementi," is a family-owned and run company located outside of Padova in North Eastern Italy. CLC is a leading manufacturer for standard and tailor made concrete tanks for wine production, whose tanks can be found throughout Italy, France, Spain, South Africa and other important winemaking countries throughout the world.

MATERIAL

CLC concrete tanks are made of either **concrete**, or **reinforced concrete** depending on the shape and size of the tank. The production and mix of concrete is a consistent blended aggregate of **sand, marl, clay, stones and gravel sourced from the local Brenta river** which is fed from rivers that originate from melting glaciers high up in the neighboring Dolomite Mountains reaching into the Alps.

HISTORY

CLC was **founded in 1955** by a group of Italian families that to this day run the company together. They specialize in the **production of standard, modular tanks but have also built their reputation by offering tailor made concrete tanks** that are customized to their customers' cellars and needs.

PRODUCTION

A state of the art, computerized machine is used to accurately and consistently mix the right amounts of all necessary aggregates, cement, and water in order to **guarantee a consistent and optimal mix of concrete across all tanks**. For small standard tanks, the concrete is poured inside of molds and allowed to cure. For larger tanks, rebar and reinforced steel is used to provide structural support to the tank.



30 HL Crus.

POROSITY / WINEMAKING

If the interior of the concrete tanks are not lined with epoxy, application of **30% tartaric acid solution is needed to neutralize** the inside of the concrete tank before using for wine production therefore the porosity of the concrete varies over time, however concrete does allow wine to breathe. Due to it's extremely stable thermal inertia characteristics, **concrete tanks are excellent vessels for fermentation**; but many producers also opt to age their wine in the vessels too.

SOME FRENCH REFERENCES

Côtes du Rhône:

Matthieu Barret - Domaine du Coulet, Domaine Ferroton, Domaine Almorice, Domaine Fayolles, Domaine Tour St. Michel, Domaine La Bouissiere Faravel, Clos St Jean, Domaine de L'Olivier, Les Poulvarels.

Bordeaux:

Château Mazeyres, Château Bel Air, Château Vieux Pourret, Château Fonroque, Château Moulin Cadet, Château Mousseyron, Château Ferrière, Château Corbin, Château Réaut, Château Deyrem Valentin, Château Bessan, Château Haut Maurac.

South West / Provence:

Domaine D'espérance, Domaine Chiroulet, Domaine Le Roc, Cosse Maisonneuve, Château de Rodhes, Château Puech Haut, Clos Marie, Mas de Chimères, Ermitage Pic St. Loup, Domaine de Tamary, Château Roubine.



Opale tanks.

2022 USA PRICES CLC



- All prices below are listed in Euros (€) and include delivery to our Napa Valley, Sonoma Valley, CA and Portland, OR warehouses.
- Depending on the order, delivery of container with tanks can be organized DDP winery.
- Products will be invoiced in US dollars (\$) based on exchange rate of date of invoice. Payments can be made locally in US dollars.
- A 30% deposit is due at order confirmation and 70% balance due upon delivery to the winery.



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DIAMANTE 20 HL

(CONCRETE TANKS MADE IN ITALY.)

	1 ONE-DOOR (HORIZONTAL)	2 TWO-DOOR (HORIZONTAL)	3 ONE-DOOR (VERTICAL)
			
	ATTENTION: Seed screen on racking and full discharge valves recommended.		ATTENTION: Ships horizontally. Installed vertically in cellar.
VOLUME (GAL)	528	528	528
DIAMOND HEIGHT (IN)	59	59	83
BASE HEIGHT (IN)	10	20	10
TOTAL HEIGHT (IN)	69	79	93
WIDTH (IN)	57	57	57
LENGHT (IN)	79	79	57
DIAMOND WEIGHT (LBS)	4,620	4,620	4,620
BASE WEIGHT (LBS)	342	903	903
TOTAL WEIGHT (LBS)	4,961	5,523	5,523
PRICE (EUROS)	10,780 €	11,990 €	11,990 €

DIAMANTE STANDARD ACCESSORIES

- Top manhole DN 500 mm and double action relief PVC valve (1,2,3)
- Rectangular manway 315x420 mm with drip lip (horizontal opening) (1,2,3)
- 1/2" Sampling ball valve fixed on the frontal manway (1,2,3)
- Oval manway flush to the tank bottom with drip lip (2)
- Partial discharge racking 2" Tri Clover ball valve, gasket, bolts and drain hole, fixed on the oval manway (2)
- 49 inch x 60 inch x 11 inch stand (3)
- Total discharge ball valve 2" Tri Clover ball valve, bolts
- 2x 10 inch tall Concrete supports (1)
- 2x 20 inch tall Concrete supports (2)
- Standard Grey Ral smooth wash concrete exterior (1,2,3)
- More accessories on pg. 11

Numbers corresponds to type of Diamante

OPALE



PRODUCT	VOLUME (GAL)	HEIGHT (IN)	DIAMETER (IN)	WEIGHT (LBS)	PRICE (EUROS)
44	1,162	80	89	12,125	14,295 €
51	1,347	89	89	12,787	15,150 €
BELOW SIZES LOADED IN CONTAINER HORIZONATLLY AND REQUIRE ADDITIONAL INSTALLMENT FEES AT WINERY.					
57	1,501	99	89	13,228.72	15,640 €
62	1,638	109	89	13,668	16,325 €
67	1,770	119	89	14,110	17,500 €
70	1,849	129	89	14,330	17,755 €
72	1,902	139	89	14,500	17,880 €

OPAL STANDARD ACCESSORIES

- Rectangular manway 405 x 530 mm with drip lip, flush to the inner bottom (vertical opening)
- Top Manhole, 800 mm, double action relief pvc valve (Opale 44HL - 67HL)
- Top Manhole, 500 mm, double action relief pvc valve (Opale 70HL - 72HL)
- Partial discharge racking 2" Tri Clover Ball Valve
- Full discharge draining 2" Tri Clover Ball Valve
- 1/2" Sampling ball valve
- Standard Grey Ral smooth wash concrete exterior
- More accessories on pg. 11

CRU



PRODUCT	VOLUME (GAL)	HEIGHT (IN)	LENGTH (IN)	WIDTH (IN)	WEIGHT (LBS)	PRICE (EUROS)
15	396	79	57	57	6,614	11,090 €
20	528	79	63	63	7,716	12,290 €
30	793	79	73	73	9,039	13,440 €
40	1057	98	68	68	10,361	15,645 €
BELOW SIZES LOADED IN CONTAINER HORIZONATLLY AND REQUIRE ADDITIONAL INSTALLMENT FEES AT WINERY.						
20	528	98	58	58	7,716	12,290 €
30	793	98	66	66	9,039	13,440 €
40	1057	98	68	68	10,361	15,645 €

CRU STANDARD ACCESSORIES

- Rectangular manway 405 x 530 mm with drip lip, flush to the inner bottom (horizontal opening)
- Top Manhole, 500 mm, double action relief pvc valve
- Full discharge draining 2" Tri Clover Ball Valve
- Partial discharge draining 2" Tri Clover Ball Valve
- 1/2" Sampling ball valve
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2022 USA PRICES CLC Standard Tanks

IMPORTANT: CLC takes great pride in making tailor made concrete wine tanks that can be customized depending on your winery. But for any tank taller than 89 inches, they will need to be loaded inside of the container horizontally which requires additional container unloading and tank installation services.

STANDARD

PRODUCT	VOLUME (GAL)	HEIGHT (IN)	LENGTH (IN)	WIDTH (IN)	WEIGHT (LBS)	PRICE (EUROS)
15	396	79	45	45	5,952	9,605 €
20	528	79	57	45	7,055	10,205 €
25	660	79	57	54	7,937	10,635 €
30	793	79	57	63	8,818	11,865 €
40	1,057	79	57	81	10,367	13,240 €
50	1,321	79	69	81	11,684	14,425 €
60	1,585	79	69	96	13,228	17,890 €
75	1,981	79	85	87	15,432	18,965 €
100	2,642	79	85	112	18,960	20,065 €
125	3,302	79	85	141	24,251	25,495 €



TRONCO

PRODUCT	VOLUME (GAL)	HEIGHT (IN)	LENGTH (IN)	WIDTH (IN)	WEIGHT (LBS)	PRICE (EUROS)
20	528	79	55	57	7,055	11,165 €
25	660	79	61	61	7,937	11,845 €
30	793	79	65	65	8,598	12,240 €
40	1,057	79	73	72	10,141	12,510 €
50	1,322	79	81	81	11,905	13,050 €



VENUS

PRODUCT	VOLUME (GAL)	HEIGHT (IN)	LENGTH (IN)	WIDTH (IN)	WEIGHT (LBS)	PRICE (EUROS)
20	528	79	57	47	7,275	10,025 €
30	793	79	80	47	9,259	11,805 €
40	1,057	79	80	60	10,582	14,345 €
50	1,321	79	80	74	11,905	17,435 €
60	1,585	79	80	86	13,448	17,815 €
75	1,981	79	80	105	15,653	18,315 €



STANDARD ACCESSORIES: STANDARD / TRONCO / VENUS

- Rectangular manway 405 x 530 mm with drip lip, flush to the inner bottom (horizontal opening)
- Top Manhole 500 mm, double action relief pvc valve
- Partial discharge racking 2" Tri Clover ball valve
- Full discharge draining 2" Tri Clover ball valve
- 1/2" Sampling ball valve
- Standard Grey Ral 7030 concrete exterior
- 4x 80 cm tall feet per Standard and Tronco tank and 4x 40 cm tall feet per Venus tank
- More accessories on pg. 11

ACCESSORIES

CLC Concrete Tanks



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Depending on the tank and accessory, the below accessories can be included either on the Diamante, Opale, Cru, Standard, Tronco and Venus tanks.

LOGOS / COLOR / CONSTRUCTION		PRICES (EURO)	MANWAY ON FACADE		PRICES (EURO)		
	SMALL: max 190 x 190 mm Logo on façade	500 €		Rectangular Manway (405 x 530 mm) with drip, flush to the inner bottom AISI 304 SS - Horizontal Opening	925 €		
	LARGE: max 380 x 380 mm Logo on façade	700 €		Rectangular Manway (405 x 530 mm) with drip, flush to the inner bottom AISI 304 SS - Vertical Opening	1,240 €		
	Standard Grey Ral 7030. Other colors to be defined on Ral standard color.	INCLUDED		Round Manway (DN 400 mm) with drip, flush to the inner bottom AISI 304 SS - Outwards Opening	870 €		
	Concrete Kickflat on the top 100 x 150 mm - cost for each single side	295 €	TOP MANHOLE, DOUBLE ACTION RELIEF PVC VALE (AVAILABLE FOR DISCOUNT)		PRICES (EURO)		
ACCESSORIES		PRICES (EURO)					
	1.5" Tri Clover Valve	405 €	DN 400 (mm)		-185 €		
	2" Tri Clover Valve	450 €	DN 500 (mm)		INCLUDED		
	2" Tri Clover Racking Valve	450 €	DN 600 (mm)		900 €		
	Bottom Drain Plug DN 80 (no valve, only cap with chain) - AISI 304	490 €	DN 800 (mm)		1,840 €		
	1/2" Screw Down Sampling Tap	75 €	DN 1000 (mm)		2,030 €		
	1/2" Sampling Ball Valve	150 €	DN 1200 (mm)		2,340 €		
	Analog Thermometer -20 +60 °C with 1/2" well (30 cm length) additional thermowells available upon request	260 €	ANTI FALL GRID FOR TOP MANHOLE			PRICES (EURO)	
	1/2" Thermometer	90 €	DN 800 (mm)		460 €		
	1/2" Probe Well	180 €	DN 1000 (mm)		490 €		
LEVEL GAUGE WITH DN 24 POLYCARBONATE SIGHT TUBE AND STAINLESS STEEL FRAME		PRICES (EURO)	DN 1200 (mm)		610 €		
Open circuit with bottom drain port		285 €	SEED SCREEN ON THE RACKING OUTLET			PRICES (EURO)	
Closed circuit with bottom drain port and top valve		490 €	200 mm Cylindrical Screen h.400 mm (Recommended for racking valve on Diamond)		280 €		
Curved version for Venus façade - Surcharge		810 €	200 mm Cylindrical Screen h.500 mm		310 €		
			200 mm Cylindrical Screen h.1000 mm		510 €		
			210 mm Shutter Screen h. 500 mm (Recommended for draining valve on Diamond)		340 €		
			350 mm Shutter Screen h. 500 mm		375 €		
			350 mm Shutter Screen h. 1000 mm		730 €		
			COOLING PIPES DN 34 (FIXED VERTICALLY FROM THE TOP)				
				PRICE STANDARD	PRICE TRUNCATED		
			SMALL (40HL - 80HL)	1,775 €	2,005 €		
			LARGE (90HL - 120HL+)	2,005 €	2,160 €		
FEET OPTIONS (4X FEET PER PACK)							
WIDTH (mm)			CONCRETE	WIDTH / LENGTH (in)	HEIGHT (in)	WEIGHT (lbs for 4x feet)	PRICE (4x feet)
				12 x12	24	1,190	310 €
				12 x 12	28	1,389	520 €
				16 x16	31	2,822	770 €