



CLC: Concrete Tanks



Line of 20 HL CLC Diamante in a cellar in Cornas, France.

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.



Standard concrete tanks in a cellar in Tuscany.

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 its 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 Ferrotin, Domaine Almorici, Domaine Fayolles, Domaine Tour St. Michel, Domaine La Bouissière 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.



CLC Opale in "Ferrari Red."



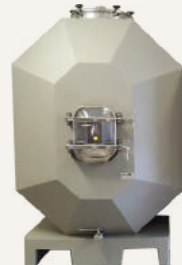
2021 USA PRICES CLC

- All prices below are listed in Euros (€) and include delivery to our Napa Valley or Sonoma Valley, CA 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.



(CONCRETE TANKS MADE IN ITALY.)

DIAMANTE 20 HL

| | 1 ONE-DOOR (HORIZONTAL) | 2 TWO-DOOR (HORIZONTAL) | 3 ONE-DOOR (VERTICAL) |
|-------------------|---|--|---|
| |  |  |  |
| Volume (g) | 528 | 528 | 528 |
| Height (in) | 59 | 59 | 83 |
| Base Height (in) | 10 | 20 | 10 |
| Total Height (in) | 69 | 79 | 93 |
| Width (in) | 57 | 57 | 57 |
| Length (in) | 79 | 79 | 57 |
| Weight (lbs) | 4,620 | 4,620 | 4,620 |
| Price (Euro) | 8,990.00 € | 9,980.00 € | 9,980.00 € |

ATTENTION:
Ships horizontally.
Installed vertically
in cellar.

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, cap with chain 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, cap with chain and drain hole (1,2,3)
- 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



CRU



| Product | Volume (g) | Height (in) | Diameter (in) | Weight (lbs) | Price (Euro) | Product | Volume (g) | Height (in) | Length (in) | Width (in) | Weight (lbs) | Price (Euro) |
|---|------------|-------------|---------------|--------------|--------------|---|------------|-------------|-------------|------------|--------------|--------------|
| 44 | 1,162 | 80 | 89 | 12,125 | 11,840.00 € | 15 | 396 | 79 | 57 | 57 | 6,614 | 9,125.00 € |
| 51 | 1347 | 89 | 89 | 12,787 | 12,570.00 € | 20 | 528 | 79 | 63 | 63 | 7,716 | 9,925.00 € |
| BELOW SIZES LOADED IN CONTAINER HORIZONATLLY AND REQUIRE ADDITIONAL INSTALLMENT FEES AT WINERY. | | | | | | 30 | 793 | 79 | 73 | 73 | 9,039 | 11,335.00 € |
| 57 | 1,501 | 99 | 89 | 13,228.72 | 12,995.00 € | 40 | 1057 | 98 | 68 | 68 | - | 12,995.00 € |
| 62 | 1,638 | 109 | 89 | 13,668 | 13,390.00 € | BELOW SIZES LOADED IN CONTAINER HORIZONATLLY AND REQUIRE ADDITIONAL INSTALLMENT FEES AT WINERY. | | | | | | |
| 67 | 1,770 | 119 | 89 | 14,110 | 14,025.00 € | 20 | 528 | 98 | 58 | 58 | 7,716 | - |
| 70 | 1,849 | 129 | 89 | 14,330 | 14,245.00 € | 30 | 793 | 98 | 66 | 66 | 9,039 | - |
| 72 | 1,902 | 139 | 89 | 14,500 | 14,355.00 € | 40 | 1057 | 98 | 68 | 68 | - | - |

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 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
- 1/2" Sampling ball valve
- Standard Grey Ral smooth wash concrete exterior
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2021 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 (g) | Height (in) | Length (in) | Width (in) | Weight (lbs) | Price (Euro) |
|---------|------------|-------------|-------------|------------|--------------|--------------|
| 15 | 396 | 79 | 45 | 45 | 5,952 | 7,825.00 € |
| 20 | 528 | 79 | 57 | 45 | 7,055 | 8,725.00 € |
| 25 | 660 | 79 | 57 | 54 | 7,937 | 9,200.00 € |
| 30 | 793 | 79 | 57 | 63 | 8,818 | 9,460.00 € |
| 40 | 1,057 | 79 | 57 | 81 | 10,367 | 10,605.00 € |
| 50 | 1,321 | 79 | 69 | 81 | 11,684 | 12,700.00 € |
| 60 | 1,585 | 79 | 69 | 96 | 13,228 | 13,905.00 € |
| 75 | 1,981 | 79 | 85 | 87 | 15,432 | 14,820.00 € |
| 100 | 2,642 | 79 | 85 | 112 | 18,960 | 18,550.00 € |
| 125 | 3,302 | 79 | 85 | 141 | 24,251 | 19,425.00 € |



TRONCO

| Product | Volume (g) | Height (in) | Length (in) | Width (in) | Weight (lbs) | Price (Euro) |
|---------|------------|-------------|-------------|------------|--------------|--------------|
| 20 | 528 | 79 | 55 | 57 | 7,055 | 8,980.00 € |
| 25 | 660 | 79 | 61 | 61 | 7,937 | 9,560.00 € |
| 30 | 793 | 79 | 65 | 65 | 8,598 | 9,875.00 € |
| 40 | 1,057 | 79 | 73 | 72 | 10,141 | 10,145.00 € |
| 50 | 1,322 | 79 | 81 | 81 | 11,905 | 11,525.00 € |



VENUS

| Product | Volume (g) | Height (in) | Length (in) | Width (in) | Weight (lbs) | Price (Euro) |
|---------|------------|-------------|-------------|------------|--------------|--------------|
| 20 | 528 | 79 | 57 | 47 | 7,275 | 8,220.00 € |
| 30 | 793 | 79 | 80 | 47 | 9,259 | 9,475.00 € |
| 40 | 1,057 | 79 | 80 | 60 | 10,582 | 12,385.00 € |
| 50 | 1,321 | 79 | 80 | 74 | 11,905 | 13,580.00 € |
| 60 | 1,585 | 79 | 80 | 86 | 13,448 | 13,925.00 € |
| 75 | 1,981 | 79 | 80 | 105 | 15,653 | 15,665.00 € |



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



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 | VARIABLES | | Rectangular Manway (405 x 530 mm) with drip, flush to the inner bottom AISI 304 SS - Horizontal Opening | 840 € | |
| | LARGE: max 380 x 380 mm Logo on façade | VARIABLES | | | Rectangular Manway (405 x 530 mm) with drip, flush to the inner bottom AISI 304 SS - Vertical Opening | 1,125 € |
| | 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 | 790 € |
| | Concrete Kickflat on the top 100 x 150 mm - cost for each single side | 265 € | | | | |
| ACCESSORIES | | PRICES (EURO) | TOP MANHOLE, DOUBLE ACTION RELIEF PVC VALE (AVAILABLE FOR DISCOUNT) | | PRICES (EURO) | |
| | DN 40 (1.5" TriClover Valve) | 370 € | | DN 400 (mm) | -185 € | |
| | DN 50 (2" TriClover Valve) | 405 € | | DN 500 (mm) | INCLUDED | |
| | Rotating Decanter bended pipe combined with a valve. | 405 € | | DN 600 (mm) | 820 € | |
| | | Bottom Drain Plug DN 80 (no valve, only cap with chain) - AISI 304 | | 445 € | DN 800 (mm) | 1,670 € |
| | | 1/2" Screw Down Sampling Tap | | 70 € | DN 1000 (mm) | 1,850 € |
| | | 1/2" Sampling Ball Valve | | 135 € | | DN 1200 (mm) |
| Analog Thermometer -20 +60 °C with 1/2" well (30 cm length) additional thermowells available upon request | | 240 € | ANTI FALL GRID FOR TOP MANHOLE | | | PRICES (EURO) |
| LEVEL GAUGE WITH DN 24 POLYCARBONATE SIGHT TUBE AND STAINLESS STEEL FRAME | | PRICES (EURO) | | DN 800 (mm) | 420 € | |
| Open circuit with bottom drain port | 260 € | DN 1000 (mm) | | 445 € | | |
| Closed circuit with bottom drain port and top valve | 445 € | DN 1200 (mm) | | 555 € | | |
| Curved version for Venus façade - Surcharge | 735 € | SEED SCREEN ON THE RACKING OUTLET | | PRICES (EURO) | | |
| COOLING PLATE (FIXED VERTICALLY FROM THE TOP) | | | | Ø 200 mm Cylindrical Screen h.500 mm | 280 € | |
| | | | | Ø 200 mm Cylindrical Screen h.1000 mm | 465 € | |
| | | | | 350 mm Shutter Screen h. 500 mm | 340 € | |
| | | | | 350 mm Shutter Screen h. 1000 mm | 665 € | |
| | | | COOLING PIPES DN 34 (FIXED VERTICALLY FROM THE TOP) | | | |
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