

CHOCOLATE STORAGE TANK



VRAYKOS

Our experience makes the difference



D. VRAYKOS & ASSOCIATES Ltd.

Bulk Materials Handling Systems

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CHOCOLATE STORAGE TANKS

Storage tank for cocoa mass (chocolate liquor), chocolate mass, hazelnut praline paste, cream fillings etc

Tank made out of stainless steel AISI 304.
Ability for stainless steel AISI 316.

Twin-shell and stirrer as standard.

Heat needed for mass product preservation provided by electric resistors controlled by proper electric control box.

There is no need for water circulation, as resistors are set in circular array around vessel.

Relatively big water volume, ensures proper heat storage capacity and enhanced controllability of temperature regulation.



Solid welded insulation jacket, ensures minimum electricity consumption and also that any cleaning requirements can be fulfilled.

Stirrer guided by gearmotor suited on special base on top of the tank. Stirrer supported on robust bearings, ensures problem free operation for many productive years.



Second bearing on tank's bottom made out of steel and enhanced ptfе material built for lifetime operation.

Special design on top cover for absolutely no fear of product contamination with foreign materials even after any kind of any liquid leakage above tank's top.

Standard top cover includes two almost half circle covers for easy cleaning and one small rotating cover for fast inside's inspection.





Rotating cover equipped with safety switch for stopping the stirrer's rotation while opening.

Special design of cone shaped bottom ensures complete emptying of contained product.

Standard product's outlet equipped with stainless gate valve.

Optional



- Special dimensions upon customer's request.
- Side (and/or bottom) scrapper can be installed upon customer's request.
- Tank can be equipped with pipe coil that can be used for heating with hot water and/or cooling with chilled water
- Product's level (low-mid-high) indicator upon request.
- Special feet design for tank's setting upon weight cells.
- Ladder for easy top's visit.
- Special top cover's design upon customer's request.

Type	Capacity	Input Power	Heating Capacity	Outside Diameter	Overall Height	Outlet
CST-3	3 Tn	4 kW	external	1600 mm	2950	2 '' (DN50)
CST-5	5 Tn	5.5 kW	external	1700 mm	3500	2 '' (DN50)
CST-8	8 Tn	7.5 kW	external	2200 mm	3950	2,1/2 ''(DN65)
CST-10	10 Tn	7.5 kW	external	2200 mm	4350	2,1/2 ''(DN65)
CST-15	15 Tn	7.5 kW	external	2400 mm	5800	4''(DN100)

Prices

Standard price for our tanks do not include product's temperature measurement, jacket's water temperature measurement, limit switches, electric resistors and electrical panel of the tank.

However the overall price will be obtained after accurate construction specifications will be delivered from the client. The range of outfit is a matter of agreement with customer's side and price is adjusted accordingly.