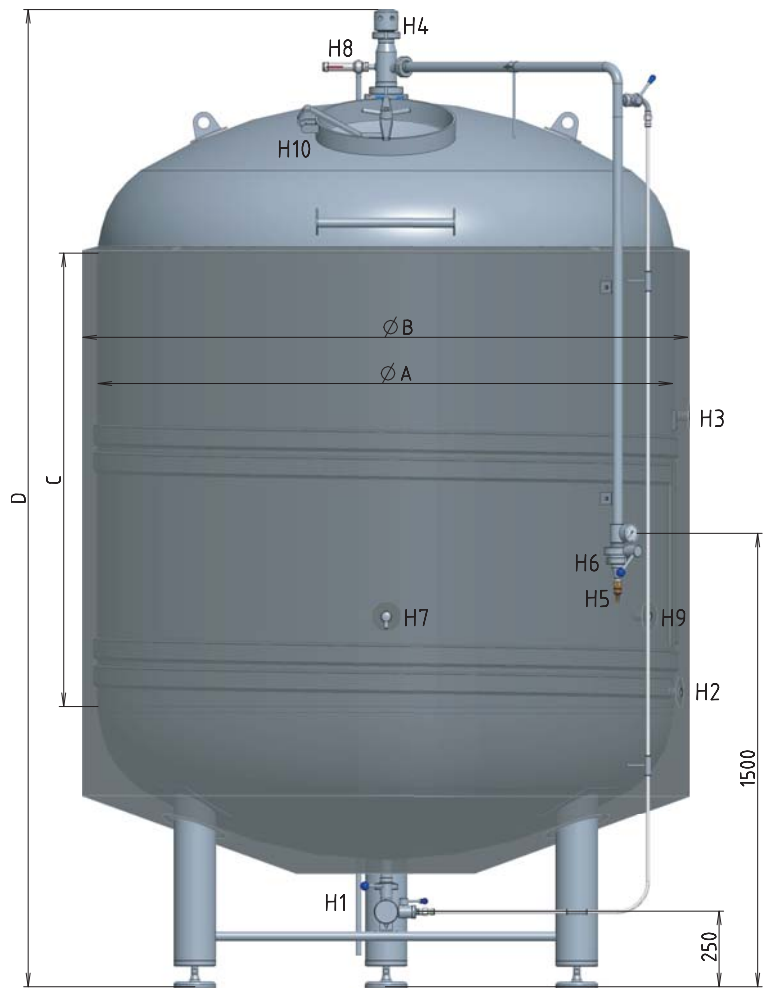
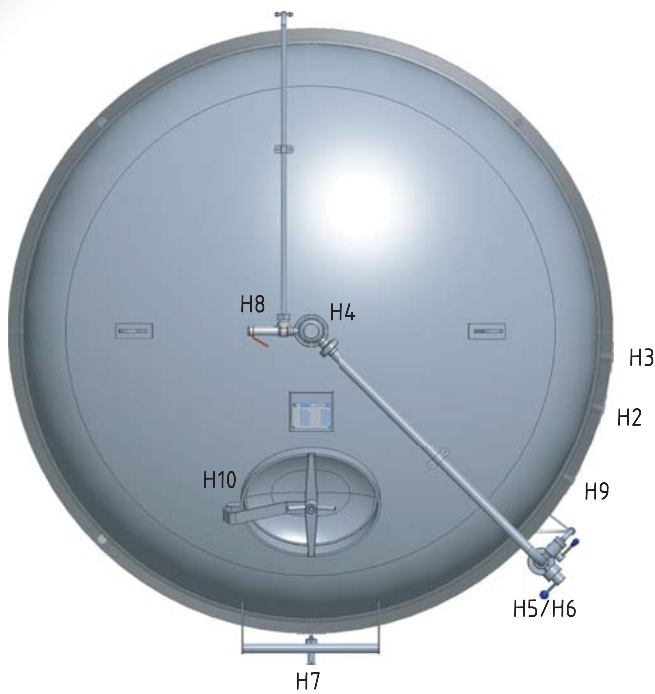


A pressurised tank (DPT) is used in brewing industry mainly for beer storage before bottling. DPT can be used separately or they can be connected by a pipeline in groups of any number of pieces. For bottling or filling barrels, it should be underpressurised with the minimum pressure level of the bottling line or equipment.



FITTINGS

No	DN/G/Ø	PURPOSE
H1		BEER INPUT / OUTPUT
H2	G3/4"	COOLING INPUT
H3	G3/4"	COOLING OUTPUT
H4	DN50/DN80*	NEGATIVE PRESSURE VALVE
H5	G1/2"	AIR SUPPLY
H6		SANITATION INPUT
H7	DN10	SAMPLING VALVE
H8	G3/8"	SAFETY VALVE
H9	G1/2"	TEMPERATURE SENSOR

Description

DPT is a stainless steel vertical cylindrical tank with an upper and lower torospherical bottom on adjustable feet. The cylindrical part of the tank is fitted with cooling duplicators and together with the lower bottom it is insulated with PUR foam. The insulation is protected with a stainless-steel jacket.

All the metal parts are made from stainless steel of type 1.4301 (AISI 304, X5CrNi18-10) and they meet the European standards for equipment which comes into contact with food. Rubber gaskets on connections are homologated for equipment which comes into contact with food and ensure that the whole tank is hermetically tight.

On the upper torospheric bottom there are the necessary safety fittings, manholes and fixtures for handling by crane. The inner surfaces of the tank are in quality class 2B, welded connections are machined to max. roughness of Ra 0.8. The outer surfaces are brushed.

DPT is a stable pressurised tank designed in accordance with EN 13 445-3 and is supplied with the CE European certificate.

DPT is equipped with the following parts:

output beer fitting, sampling tap, temperature sensor, manometer, safety valve, negative pressure valve, sanitation head, manhole and fittings required for connection of the necessary pipeline distributions and connected technological equipment in the brewery.

As a standard, DPTs are made for the operating pressure of 3.0 bar. The backup volume is min. 10 % of the effective volume of the tank.

Optional accessories

- saturating candle
- side manhole
- upper torospherical bottom insulation
- additional cooling zone
- input for adding hops while cold
- input for adding sugar
- tank with a different operating pressure (2.0 or 4.0 bar) or with the operating pressure up to 0.5 bar (unpressurised)

Technical data

DPT DIMENSIONS

TYPE	VOLUME [l]	Ø A [mm]	Ø B [mm]	C [mm]	D [mm]	H1/H6	~M [kg]
DPT 5	500	800	880	900	2000	DN32	190
DPT 6	600	850	930	950	2050	DN32	250
DPT 10	1000	1000	1080	1150	2400	DN40	330
DPT 20	2000	1300	1400	1300	2700	DN40	460
DPT 25	2500	1400	1500	1400	2850	DN40	535
DPT 30	3000	1400	1500	1750	3250	DN40	570
DPT 40	4000	1600	1700	1750	3300	DN40	760
DPT 50	5000	1900	2000	1500	3200	DN40	910
DPT 60	6000	1900	2000	1800	3500	DN40	950
DPT 80	8000	2000	2100	2250	4150	DN40	1400
DPT 120	12000	2200	2300	2730	4750	DN40	1800

