

MILK COOLING TANK WITH DIRECT EXPANSION VM/DX 12000 - 50000 L



Construction

- Construction completely made in stainless steel 18/10 – AISI 304
- Insulated with polyurethane for an excellent insulation and extra strength of the tank
- Vertical tank with an efficient laser welded multi-injection evaporator on the bottom and/or jacket; thanks to the free circulation and a good agitation of the milk there is an optimal heat exchange
- Moisture- and condensation-free finish
- Tank outlet Ø 80 mm, self-cleaning outlet with butterfly valve Ø 80 mm and RMO-connection Ø 50 / 65 / 80
- Manway cover in the jacket

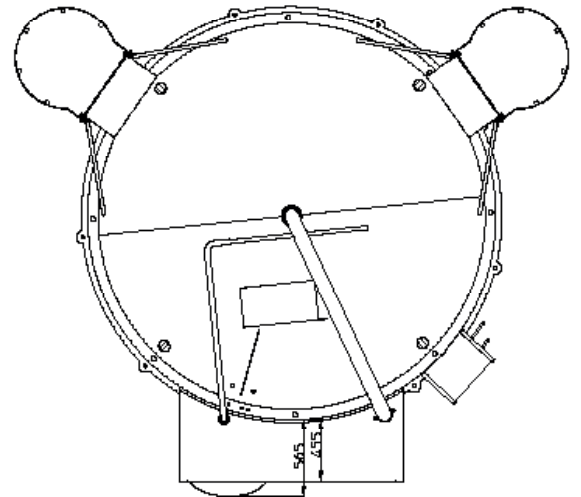
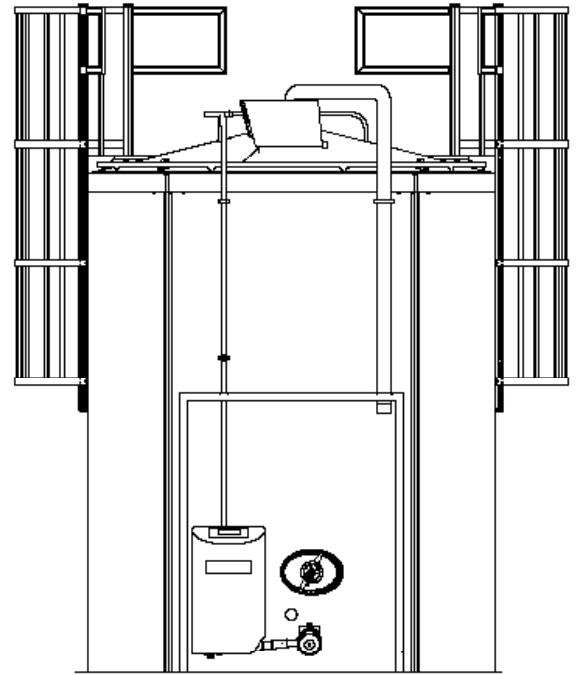
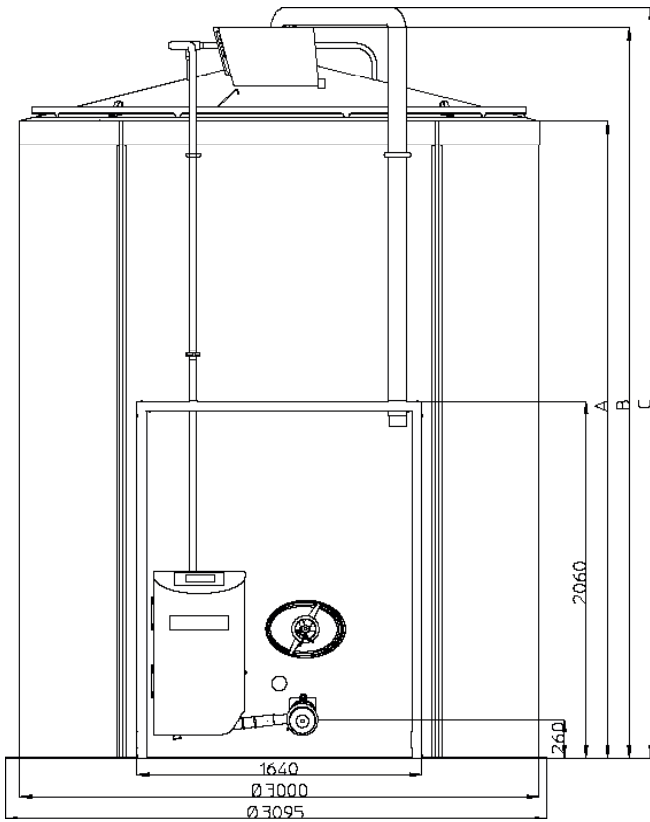
Cooling and cleaning

- Thanks to the progressive iControl tank control unit, the milk quality is assured
- Full automatic logging of the cooling, agitation, cleaning and potential alarms
- Agitator with double blade for an excellent mixing
- Eco-wash integrated for less water use and time-saving during cleaning (up to 50% savings)
- Two automatic dosing pumps for detergents
- Detection 'nearly empty' for two detergent containers
- High-pressure dynamic cleaning system with 2 rotating industrial spray balls on a different level for a 100% hygienic cleaning
- Vertical mounted stainless steel cleaning pump, no risk on freezing

Important options

- Tank executed for robotic milking
- Oculus tank guard
- Insulated alcove with vent
- SS floor for alcove
- Bottom filling
- Eco-drain (second drain valve)
- Announcements via SMS-message
- PACAP digital volume measurement
- Full tank detection
- Self-cleaning sampling valve mounted on the manway lid

DIMENSIONS VM/DX



9 fixation holes, Ø 25 mm, evenly spread over the circumference (9 x 40 °)

Model	Max. volume	A	B	C	Weight with control unit and alcove	Weight without control unit and alcove
VMDX	litres	mm	mm	mm	kg	kg
12000	13117	2315	2730	3040	2043	1820
15000	16618	2845	3385	3695	2153	1930
18000	19082	3220	3755	4065	2263	2040
21000	22153	3685	4220	4530	2393	2170
25000	26282	4310	4845	5155	2543	2320
30000	31480	5095	5630	5940	2818	2595
35000	36599	5865	6410	6720	3033	2810
40000		6647	7192	7502	3283	3060
50000		8202	8747	9057	3533	3310

VM/DX

available in 4 & 6 milkings (provided that there is pre-cooling) and robotic milking

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Subject to modifications. Not contractually binding document.