

# **SETUAY**

MILK & WATER COOLING TANKS





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Setuay is a new developing company which was established in Eskisehir organized industrial zone on an area of 7000m<sup>2</sup> with a covered area of 5000m<sup>2</sup>, in 2017.

In the milk and water cooling tanks that we produce with the laser welding technology, we do the welding of the materials without any mechanical contact or electrical contact between the source point and the material thanks to the electromagnetic waves generated by the laser without using any filler material at the source of the stainless steel sheets.

Thanks to the technology that we use, it is possible to do more penetration and visual welding without thermal deformation in the materials and all these processes are capable of making rapid and hassle-free operation with robot and automation. In our modern enterprise equipped with advanced technology products, we aim to achieve better in our own production milk and water cooling tanks with our experienced staff and advanced technology.

Rather than being in the competitive markets, we aim to develop in the sector where we are open to continuous development and innovation. We are proud to be a pioneer in introducing new technologies in Turkey.

## Our Mission

- As Setuay, our mission is first-class quality and customer satisfaction.

## Our Vision

- As Setuay, our vision is more advanced technology and better service.



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## VERTICAL BOTTOM GROUP MILK COOLING TANK

125 - 200 - 300 - 500 LITERS

### TECHNICAL SPECIFICATIONS

- CrNi 304 quality stainless steel
- Rollbond evaporator coupled with special laser welding technology for 2mm base plate
- Inner wall sheet 1,5mm
- Outer wall sheet 1mm
- The cooling unit and the tank body are mounted on a monolithic chassis under the tank.
- 15w-25w 28d/d reducer and stainless steel mixer blade connected to this
- 50mm thick water-based high-density polyurethane isolation with no HCFC
- The product output DN 32, DN40, DN50 male-rated butterfly valve
- One-piece cover has a door with 200 mm diameter
- Designed for remaining zero fluid flow during discharge
- Welded areas are first-class laser and argon-welded, first class smooth polished
- Tanks have adjustable feet



### Cooling System

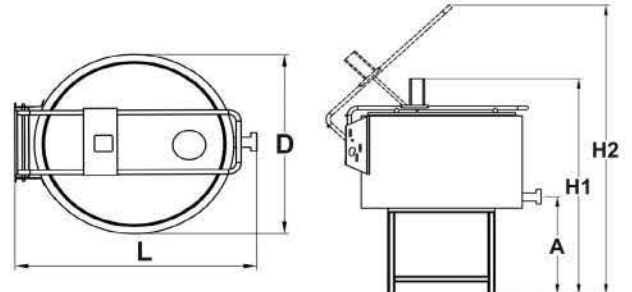
- Provides fast and non-icing cooling according to minimum milk quantity.
- Using R-404A gas for cooling
- Milk cooling tanks allow each milking to cool from 35 degrees to 4 degrees celsius at ambient temperature (32c - 38c)
- Optional dual, quad, six milking system design

### Optional

- Digital weighing system (load cell)
- Milk transfer pump

### Electric Group

- Electrical panels with ip 65 protection class
- Can work with 220 volts energy Digital thermometer temperature display
- Special design, easy to operate the tank and easy to control the temperature of the milk with the electronic control card phase protection relay
- Automatic mixing program with special software can be set at desired intervals after the milk has reached the desired set value (5 minutes working and 10 minutes stop)



MODEL	ENERGY CONSUMPTION	MINIMUM AMOUNT OF MILK	DIMENSIONS					COMPRESS	WEIGHT
			L	D	H1	H2	A		
TANK	(KW/H)	(LT)	(MM)	(MM)	(MM)	(MM)	(MM)	(HP)	(KG)
125 LT DSST	0.45	30	860	680	1330	1680	510	0.5	85
200 LT DSST	0.52	50	1000	800	1330	1780	540	0.75	103
300 LT DSST	0.75	70	1150	950	1430	2050	550	1	130
500 LT DSST	1.65	90	1420	1220	1600	2300	730	1.5	188





# VERTICAL STANDARD MILK COOLING TANK

300 - 500 - 1000 - 1500 - 2000 LITERS

## TECHNICAL SPECIFICATIONS

- CrNi 304 quality stainless steel
- Rollbond evaporator coupled with special laser welding technology for 2mm base plate
  - Inner wall sheet 1,5mm
  - Outer wall sheet 1mm
- The cooling unit and the tank body are mounted on a monolithic chassis under the tank.
  - 25w 28d/d reducer and stainless steel mixer blade connected to this
  - 50mm thick water-based high-density polyurethane isolation with no HCFC
- The product output DN 32, DN40, DN50 male-rated butterfly valve
  - One-piece cover has a door with 200 mm diameter
- Designed for remaining zero fluid flow during discharge
  - Welded areas are first-class laser and argon-welded, first class smooth polished
  - Tanks have adjustable feet



### Electric Group

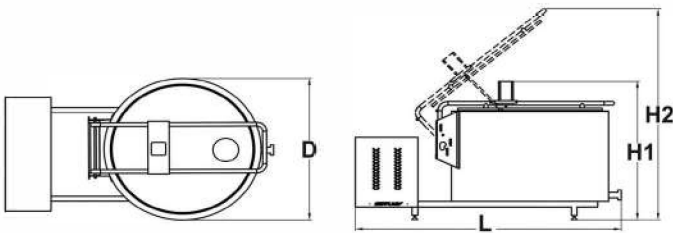
- Electrical panels with ip 65 protection class
- Can work with 220 volts - 380 volts energy
- Digital thermometer temperature display
- Special design, easy to operate the tank and easy to control the temperature of the milk with the electronic control card
- phase protection relay
- Automatic mixing program with special software can be set at desired intervals after the milk has reached the desired set value (5 minutes working and 10 minutes stop)

### Cooling System

- Provides fast and non-icing cooling according to minimum milk quantity.
- Using R-404A gas for cooling
- Milk cooling tanks allow each milking to cool from 35 degrees to 4 degrees celsius at ambient temperature (32c - 38c)
- Optional dual, quad, six milking system design

### Optional

- Digital weighing system (load cell)
- Milk transfer pump



MODEL	ENERGY CONSUMPTION	MINIMUM AMOUNT OF MILK	DIMENSIONS				COMPRESS	WEIGHT
TANK	(KW/H)	(LT)	L (MM)	D (MM)	H1 (MM)	H2 (MM)	(HP)	(KG)
200 LT DSST	0.52	50	1600	800	900	1300	0,75	98
300 LT DSST	0.75	70	1780	950	940	1480	1	130
500 LT DSST	1.65	90	2100	1230	1010	1590	1.5	180
750 LT DSST	2.25	125	2200	1320	1300	2200	2.5	240
1000 LT M-DSST	2.4	150	2420	1490	1180	1950	3	265
1000 LT T-DSST	3.07	150	2420	1490	1180	1950	3.5	265
1500 LT DSST	3.48	190	2550	1570	1450	2200	4	335
2000 LT DSST	4.85	190	3000	1790	1450	2250	5	400



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## HORIZONTAL MILK COOLING TANK

500 - 1000 - 1500 - 2000 - 2500 LITERS

### TECHNICAL SPECIFICATIONS

- CrNi 304 quality stainless steel
- Rollbond evaporator coupled with special laser welding technology for 2 mm inner wall
- Outer wall sheet 1.5mm / insider wall sheet 2 mm
- The cooling unit and the tank body are mounted on a monolithic chassis under the tank.
- 1.1kw 28d/d reducer and stainless steel mixer blade connected to this
- 60 mm thick water-based high-density polyurethane isolation with no HCFC
- The product output male-rated butterfly valve
- 400 mm nad 500 mm diameter out open round manhole cover system
- Manual washing line and CIP washer ball
- Designed for remaining zero fluid flow during discharge
- Welded areas are first-class laser and argon-welded, first class smooth polished
- Tanks have adjustable feet



### Cooling System

- Provides fast and non-icing cooling according to minimum milk quantity.
- Using R-404A gas for cooling
- Milk cooling tanks allow each milking to cool from 35 degrees to 4 degrees celsius at ambient temperature (32c - 38c)
- Optional dual, quad, six milking system design

### Optional

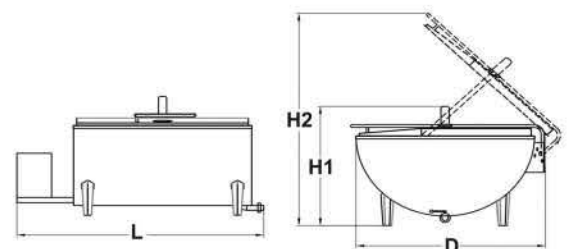
- Digital weighing system (load cell)
- Milk transfer pump
- Automatic washing system (CIP)

### Electric Group

- Electrical panels with ip 65 protection class
- Can work with 220 volts - 380 volts energy
- Digital thermometer temperature display
- Special design, easy to operate the tank and easy to control the temperature of the milk with the electronic control card
- Automatic mixing program with special software can be set at desired intervals after the milk has reached the desired set value (5 minutes working and 10 minutes stop)



MODEL	MINIMUM AMOUNT OF MILK (LT)	ENERGY CONSUMPTION (KW/H)	DIMENSIONS				COMPRESS (HP)	WEIGHT (KG)
			L (MM)	D (MM)	H1 (MM)	H2 (MM)		
500 LT YYSST	85	1.66	2050	1350	950	1600	1.5	180
1000 LT YYSST	120	3.28	2450	1670	1200	2050	3.5	290
1500 LT YYSST	140	3.9	3000	1750	1150	1750	4	300
2000 LT YYSST	200	4.85	3350	1950	1300	1950	5	480
2500 LT YYSST	280	5.2	3600	2030	1420	2070	6	580





# HORIZONTAL MILK COOLING TANK

1500 - 2000 - 3000 - 4000 - 5000 - 6000 - 8000 - 10000 LITERS



## TECHNICAL SPECIFICATIONS

- CrNi 304 quality stainless steel
- Rollbond evaporator coupled with special laser welding technology for 2 mm inner wall
- Outer wall sheet 1.5mm / insider wall sheet 2 mm
- The cooling unit and the tank body are mounted on a monolithic chassis under the tank.
- 1.1kw 28d/d reducer and stainless steel mixer blade connected to this
- 60 mm thick water-based high-density polyurethane isolation with no HCFC
- The product output male-rated butterfly valve
- 400 mm and 500 mm diameter out open round manhole cover system
- Manual washing line and CIP washer ball
- Designed for remaining zero fluid flow during discharge
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- Tanks have adjustable feet

## Electric Group

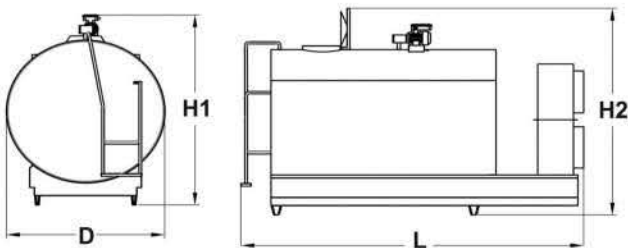
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- Optional dual, quad, six milking system design

## Optional

- Digital weighing system (load cell)
- Milk transfer pump
- Automatic washing system (CIP)



MODEL	MINIMUM AMOUNT OF MILK (LT)	ENERGY CONSUMPTION (KW / H)	DIMENSIONS				COMPRESS (HP)	WEIGHT (KG)
			L (MM)	D (MM)	H1 (MM)	H2 (MM)		
3000 LT YSST	400	8.2	3750	1500	2000	2400	2X5	850
5000 LT YSST	500	9.4	4250	1770	2250	2650	2X7	1050
6000 LT DSST	600	15.2	4600	1770	2250	2650	2X9	1250
5000 LT ELIPS	400	9.4	4200	2050	2100	2500	2X7	1050
6000 LT ELIPS	500	15.2	4550	2075	2200	2600	2X9	1250





# SETUAY

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