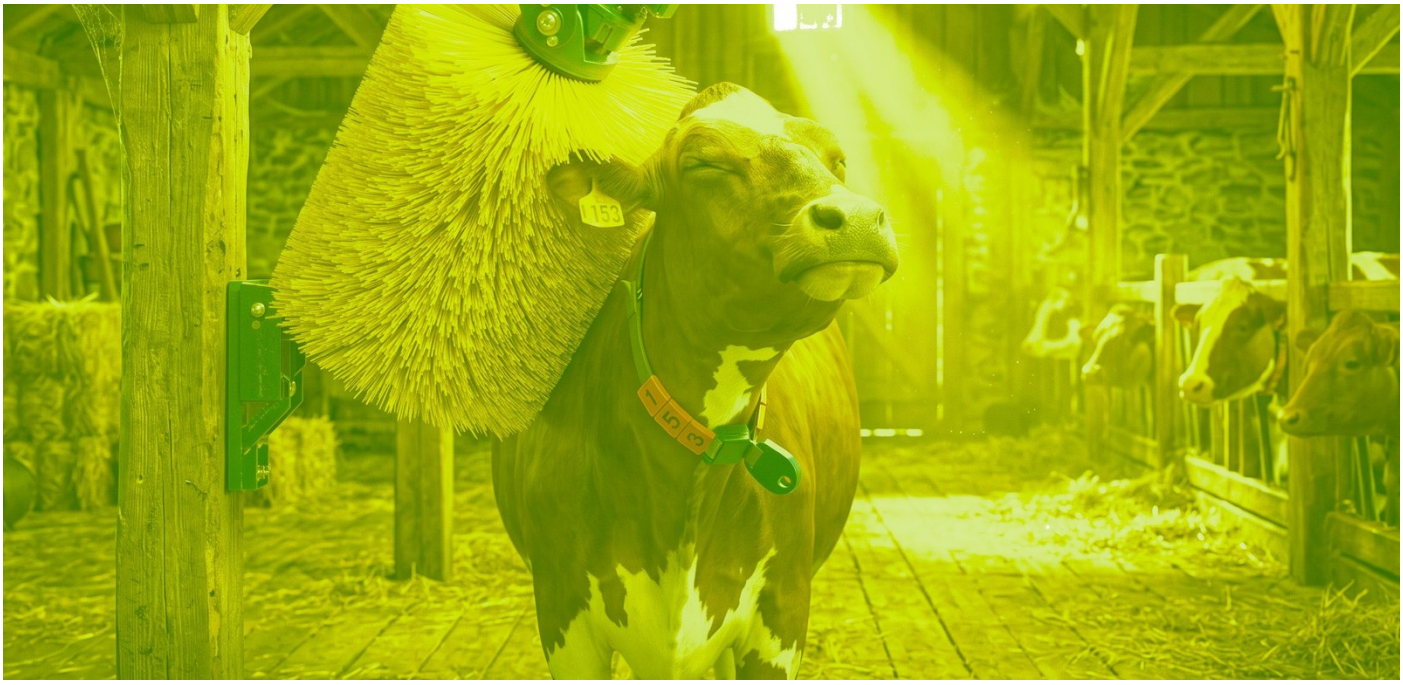


SECTION

06 FARM EQUIPMENT

COW COMFORT, FEEDING, WATER, VENTILATION AND COOLING

01. COW BRUSHES, MATS & STALLS 53

02. FEED FRONTS & HEADLOCKS 55

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VORTEX DAIRY TECH.

06

FARM EQUIPMENT

COW BRUSHES

AUTOMATIC BRUSHES FOR CLEAN, CALM AND HEALTHY COWS

VORTEX DAIRY TECH.

NEW



SCRATCHING BRUSH

VORTEX ROTATING BRUSH

WHY COWS LOVE IT

A large vertical brush that cows use to scratch head, neck and back. It cleans the coat, improves blood flow and keeps the herd calm.

FEATURES

- LARGE YELLOW BRISTLE DRUM
- SWING-ARM DRIVE ON STEEL STAND
- POWDER-COATED VORTEX BLUE FRAME
- STARTS WHEN THE COW PUSHES IT

B Bovine
Cows & heifers

F Barn
Free-stall & loose housing

MORE BRUSH MODELS



SWINGING COW BRUSH

500 × 700 mm · 220 V · two-way rotation

VX9503577



ROTARY COW BRUSH

Ø50 × 65 cm · 0.25 kW · 220 V

VX-F1



BRISTLE SET

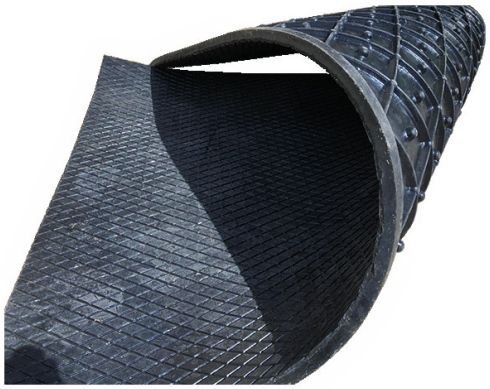
Any combination of 3 colours

VX9503577-1

BRUSH	BRUSH SIZE	DRIVE	SUPPLY	CODE
Scratching brush (new)	Large drum	Swing-arm motor	-	On request
Swinging cow brush	500 × 700 mm	Italian reducer	220 V	VX9503577
Rotary cow brush	Ø 500 × 650 mm	0.25 kW motor	220 V	VX-F1

MATS, STALLS & GATES

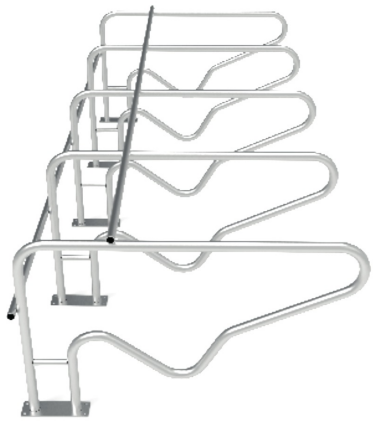
COMFORTABLE LYING AREAS AND SAFE ANIMAL MOVEMENT



COW MAT

110 × 190 × 2 cm · 28 kg · reinforced rubber compound

VX-HY1

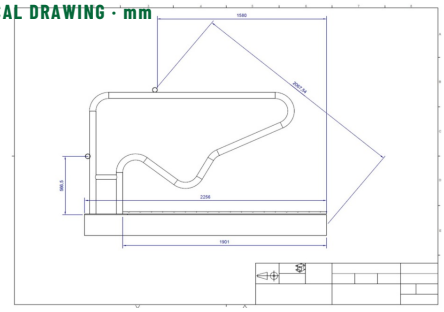


ADJUSTABLE FREE STALLS

120 × 190 cm · pipe Q60 / Q42 · hot-dip galvanized · 2 clamps + 4 dowels

VX-D1

TECHNICAL DRAWING · mm







PADDOCK GATES

3, 4 or 5 rails · height 115 cm

VX-K1

GATE	DATA
Rails	3 – 4 – 5
Height	115 cm
Pipes	60×60×2.5 · Ø 60×2.5 · Ø 48×2.5 mm
Length (m)	1/2 · 2/3 · 3/4 · 4/5 · 5/6 · 6/7
Finish	Hot-dip galvanized

PRODUCT	SIZE	MATERIAL	CODE
Cow mat	110 × 190 × 2 cm · 28 kg	Reinforced rubber	VX-HY1
Adjustable free stall	120 × 190 cm	Hot-dip galvanized steel	VX-D1
Paddock gate	H 115 cm · 1–7 m	Hot-dip galvanized steel	VX-K1

06

FARM EQUIPMENT

FEED FRONTS & HEADLOCKS

SELF-LOCKING FEED BARRIERS IN HOT-DIP GALVANIZED STEEL

VORTEX DAIRY TECH.



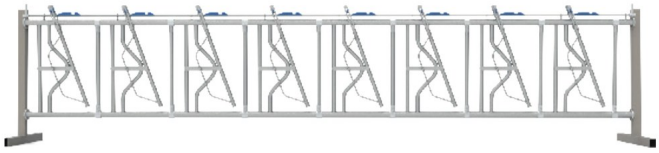




SWEDISH SELF-LOCKING FEED FRONT

VX-BY2

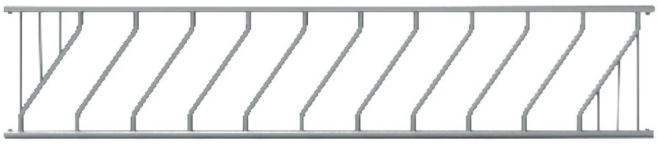
LENGTH · PLACES	6 m · 8 / 3 m · 4
PIPES	60×60×2.5 · Ø48×2.5 mm
FINISH	Hot-dip galvanized



FEED FRONT FOR CATTLE

VX-BY3

LENGTH · PLACES	6 m · 8 / 3 m · 4
HEIGHT	96 cm · adjustable spacing
PIPES	Ø48×3 · Ø60×2.5 · Ø42×2.5 mm

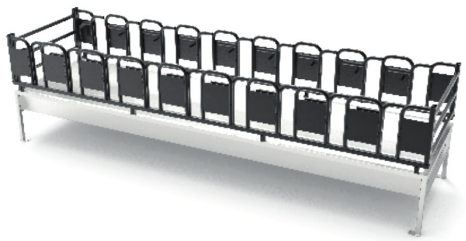


DIAGONAL FEED FRONT

VX-BY1

LENGTH · PLACES	6 m · 12 / 3 m · 5
HEIGHT	100 cm · adjustable spacing
PIPES	Ø48×3 · Ø60×2.5 · Ø42×2.5 mm

FOR SHEEP & GOATS



SHEEP & GOAT FEEDER WITH LOCKING

80 × 300 × 80 cm · trough 80 × 300 × 18 cm · galvanized DX51

VX-KY2



SHEEP & GOAT FEED RACK

70 × 200 × 120 cm · hot-dip galvanized

VX-KY1

CALF & LAMB FEEDING

MILK TAXI, FEEDERS, BOTTLES AND NIPPLES



MILK TAXI

Mobile stainless steel milk tank for feeding calves: mix, carry and dose milk where the calves are.

- STAINLESS STEEL TANK & LID
- ELECTRIC MIXER
- DOSING HOSE & BOTTOM TAP
- PNEUMATIC WHEELS

FEEDERS & BOTTLES



CALF FEEDER 8 L

VX710111



LAMB BUCKET FOR 3 - 8 L

VX710116



FEEDING BOTTLE 3.5 L

VX710102



BACK METAL HOLDER

VX710116-1



LAMB NIPPLE FOR 3

VX710118



FEEDING BUCKET VALVE

VX710113

CALF & BUCKET NIPPLES









NIPPLE	BLACK	SILICONE	RED
Calf nipple	VX710110	VX710110-1	VX710110-2
Calf nipple	VX710104	VX710104-1	VX710104-2
Bucket nipple	VX710112	VX710112-1	VX710112-2

CALF & CATTLE CARE

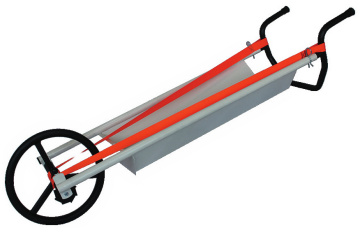
HUTCHES, CALVING AIDS, HANDLING AND WEIGHING



CALF HUTCH WITH FENCE

Hutch 124 × 160 × 125 cm · fence 120 × 120 × 100 cm

VX-BD3



CALF PULLER · TROLLEY

Closed length 160 cm · electrostatic paint

VX-BD1



CALF PULLER · JACK

150 or 180 cm · 304 stainless steel

VX-BD2



COW LIFTING FRAME

Capacity 900 kg

VX-V1



COW IMMOBILISER

Ø27 – Ø32 pipe · electro-galvanized

VX-V2



CATTLE WEIGHING SCALE

100 × 120 × 200 cm · 2000 kg

VX-BT1

TECHNICAL DATA

PRODUCT	SIZE / CAPACITY	MATERIAL	CODE
Calf hutch	Hutch 124 × 160 × 125 · fence 120 × 120 × 100 cm	PE · galv. fence	VX-BD3
Calf puller · trolley	Closed 160 cm · trough 44 cm · hip 38 cm	Painted steel	VX-BD1
Calf puller · jack	150 or 180 cm	304 S/S	VX-BD2
Cow lifting frame	900 kg	Painted steel	VX-V1
Cow immobiliser	Pipe Ø 27 – Ø 32	Electro-galv.	VX-V2
Cattle scale	100 × 120 × 200 cm · 2000 kg	Painted steel	VX-BT1

UDDER HEALTH & HYGIENE

DIP CUPS, DETECTORS AND MILKING-TIME TOOLS



TEAT DIP CUP

NON-RETURN

FEATURES

- NON-RETURN VALVE KEEPS THE DIP CLEAN
- TYPICAL VOLUME APPROX. 300 ML
- FOR PRE- AND POST-MILKING DIP
- EASY-GRIP RED CUP, CLEAR BOTTLE

DETECTION & SAFETY



MASTITIS DETECTOR

VX9503575



MILK DETECTOR

VX9503569



ALUMINIUM MILK STRAINER

VX9503568



ANTI-KICK BAR

VX9503320

GOOD MILKING ROUTINE

1

PRE-DIP

Dip every teat before milking to clean and disinfect.

2

FORE-STRIP

Check the first milk in a detector cup for clots or flakes.

3

ATTACH & MILK

Wipe dry, attach the cluster and milk out fully.

4

POST-DIP

Dip right after cluster removal to protect the open teat canal.

MILK HANDLING & CREAM

TRANSPORT LIDS, BUTTER CHURN AND MEASURING TOOLS



CHURNING MACHINE

VX885505

FEATURES

- ELECTRIC BUTTER CHURN
- PATENTED DESIGN
- UP TO 11% MORE BUTTER

TRANSPORT LIDS



30 L · BLACK

VX320104



40 L · BLACK

VX320102



50 L · BLACK

VX320102-2



30 L · WHITE

VX320104-1



40 L · WHITE

VX320102-1



50 L · WHITE

VX320102-3

MEASURING TOOLS



S/S MILK METER 20 L

VX9503567



ALUMINIUM BUCKET 10 L

VX9503573



ALUMINIUM MILK METER 1 L

VX9503681



ALUMINIUM MILK METER ½ L

VX9503682

06

FARM EQUIPMENT

MILK CHURNS & BUCKETS

ALUMINIUM AND STAINLESS STEEL, 10 TO 50 LITRES

VORTEX DAIRY TECH.



ALUMINIUM CHURN · LOCKING LID

10 – 50 L



ALUMINIUM CHURN · OPEN TOP

10 – 50 L



ALUMINIUM BUCKET 20 L

VX330108-1



STAINLESS STEEL CHURN

20 – 50 L



S/S CHURN · LOCKING LID

20 – 50 L



S/S MILK BUCKET 10 L

VX330105-1

ALUMINIUM · LOCKING LID

L	BASE Ø	OPENING Ø	HEIGHT	WEIGHT
10	250	180	330	2.5 kg
20	300	180	420	3.5 kg
25	300	180	495	3.8 kg
30	300	180	590	4.1 kg
40	340	180	590	5 kg
50	340	180	680	6 kg

ALUMINIUM · OPEN TOP

L	BASE Ø	OPENING Ø	HEIGHT	WEIGHT
10	250	180	330	2 kg
20	300	180	420	2.5 kg
25	300	180	485	3 kg
30	340	180	500	3.3 kg
30	340	217	500	3.3 kg
40	340	180	580	3.7 kg
40	340	217	580	3.7 kg
50	340	217	660	4.5 kg

STAINLESS STEEL · Ø180 OPENING

L	BASE Ø	OPENING Ø	HEIGHT	WEIGHT
20	335	180	360	4.3 kg
25	335	180	425	4.6 kg
30	335	180	475	5.1 kg
40	335	180	595	5.7 kg

STAINLESS STEEL · Ø217 OPENING

L	BASE Ø	OPENING Ø	HEIGHT	WEIGHT
20	335	217	355	4.2 kg
25	335	217	420	4.5 kg
30	335	217	465	5.1 kg
40	335	217	565	5.7 kg
50	335	217	680	7.6 kg

Capacity in litres; dimensions in mm.

FARM EQUIPMENT

BARN FANS

BOX FANS AND ROUND FANS FOR COOLER COWS



BOX FAN 1400 × 1400

Propeller Ø1240 mm · 1.1 kW

VX9507049



BOX FAN 1000 × 1000

Propeller Ø840 mm · 0.55 kW

VX9507049-1



ROUND FAN Ø100 CM

Galvanized guard · 3 blades



FANS INSTALLED IN THE BARN

TECHNICAL DATA

	BOX FAN 1400	BOX FAN 1000	ROUND FAN Ø100
Code	VX9507049	VX9507049-1	on request
Frame size	1400 × 1400 mm	1000 × 1000 mm	Ø100 cm
Propeller	Ø1240 mm · 6 blades	Ø840 mm · 6 blades	3 blades
Motor	1.1 kW · 380 V	0.55 kW · 380 V	on request
Speed	420 rpm	390 rpm	-
Air flow (approx.)	42,000 m^3/h	38,000 m^3/h	on request
Noise	65 dB	62 dB	-

HV

FARM EQUIPMENT

HVLS CEILING FANS

HIGH VOLUME, LOW SPEED · DIRECT DRIVE · 2 TO 7 M

VORTEX DAIRY TECH.



DIRECT DRIVE

Gearless permanent-magnet motor: quiet, efficient, low maintenance.

ON-BOARD INVERTER

Plug & play, 220 / 277 V AC, 50 / 60 Hz.

IP65

Water- and moisture-resistant for barn conditions.

SMART CONTROL

Temperature, humidity and cow-activity modes; app & web monitoring over BLE / WiFi.

PROTECTION

High temperature, short circuit, thermal, unbalance, voltage drop and vibration.

ALUMINIUM BLADES

Light, strong blades; diameters from 2 to 7 m.

MODEL RANGE

MODEL	Ø (M)	MAX RPM	MAX KW	KG
VX-HV 200	2.0	240	1.0	72
VX-HV 200P	2.0	330	1.5	72
VX-HV 250	2.5	210	1.0	76
VX-HV 250P	2.5	260	1.5	76
VX-HV 300	3.0	160	0.8	79
VX-HV 300P	3.0	210	1.5	79
VX-HV 400	4.0	110	0.5	84
VX-HV 400P	4.0	140	1.2	84

MODEL	Ø (M)	MAX RPM	MAX KW	KG
VX-HV 500L	5.0	80	0.6	89
VX-HV 500	5.0	100	1.1	89
VX-HV 500P	5.0	120	1.4	89
VX-HV 600	6.0	70	0.65	94
VX-HV 600P	6.0	90	1.15	94
VX-HV 700	7.0	60	0.75	99
VX-HV 700P	7.0	80	1.2	99

All models 220 V single phase. "P" models: higher speed and power for maximum air movement; "L": low-power version.

WATER BOWLS · METAL

CAST IRON, STEEL AND STAINLESS STEEL DRINKERS

VORTEX DAIRY TECH.



FLOAT VALVE METAL BOWL

VX-S3

TECHNICAL DATA

BOWL SIZE	24 × 31 × 13 cm
CAPACITY	5 L
BOWL	2 mm DD11 steel
FINISH	Paint or hot-dip galv.



NOSE-PADDLE CAST IRON BOWL
25 × 29 × 14 cm · 2.5 L

VX-S1



NOSE-PADDLE METAL BOWL
26 × 32 × 12 cm · 3 L

VX-S2



DOUBLE FLOAT VALVE BOWL
58 × 24 × 13 cm · 9 L

VX-S4



WATER BOWL 5 L · S/S

VX9503680



CAST WATER BOWL
275 × 245 × 150 mm · 7.1 kg

VX9503215



NOSE-PADDLE BOWL · GALVANIZED

VX-S2



BOWL VALVE · BRASS

VX9503431



BOWL VALVE · PLASTIC

VX9503430

BOWL	BOWL SIZE	CAPACITY	MATERIAL	CODE
Nose-paddle · cast iron	25 × 20 × 9 cm	2.5 L	Cast iron	VX-S1
Nose-paddle · metal	26 × 26 × 10 cm	3 L	2 mm DD11 · 6 mm plate	VX-S2
Float valve · metal	24 × 31 × 13 cm	5 L	2 mm DD11	VX-S3
Double float valve	58 × 24 × 13 cm	9 L	2 mm DD11	VX-S4

WATER BOWLS · PLASTIC

LIGHT, HYGIENIC POLYETHYLENE DRINKERS



FLOAT VALVE PLASTIC BOWL

VX-S6

TECHNICAL DATA

BOWL SIZE	25.5 × 26 × 12 cm
CAPACITY	5 L
MATERIAL	Polyethylene
VALVE	Float valve



DOUBLE WATER BOWL
Two drinking points · twin connections



NOSE-PADDLE PLASTIC BOWL
24 × 24 × 10 cm · 2.5 L

VX-S5



PLASTIC BOWL WITH FLOAT

VX9503215-2



PLASTIC BOWL · FLOAT & HOSE

VX9503215-4



PLASTIC WATER BOWL
330 × 255 × 163 mm · 1.8 kg

VX9503215-1

BOWL DATA

BOWL	SIZE	CAPACITY	MATERIAL	CODE
Float valve plastic bowl	25.5 × 26 × 12 cm	5 L	Polyethylene	VX-S6
Nose-paddle plastic bowl	24 × 24 × 10 cm	2.5 L	Polyethylene	VX-S5
Plastic water bowl	330 × 255 × 163 mm	-	Plastic	VX9503215-1

WATER TROUGHS

TIPPING TROUGHS AND FROST-FREE BALL DRINKERS



TIPPING WATER TROUGH

VX-S9

TECHNICAL DATA

TROUGH	156 × 50 × 28 cm
CAPACITY	150 L
TROUGH	304 stainless steel
FRAME	Galvanized, floor fixing

Tips over in seconds to empty and clean the trough. Float valve keeps the water level constant.



SINGLE FROST-FREE BALL DRINKER

60 × 60 × 43 cm · 40 L · 20 kg · polyethylene

VX-S7



TWIN FROST-FREE BALL DRINKER

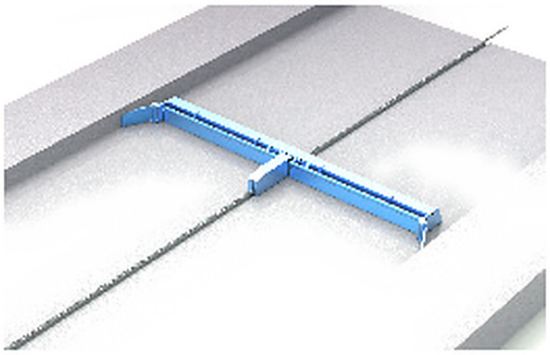
97 × 60 × 42 cm · 80 L · 25 kg · polyethylene

VX-S8

DRINKER	SIZE	CAPACITY	WEIGHT	CODE
Tipping water trough	156 × 50 × 28 cm	150 L	-	VX-S9
Single frost-free ball	60 × 60 × 43 cm	40 L	20 kg	VX-S7
Twin frost-free ball	97 × 60 × 42 cm	80 L	25 kg	VX-S8

MANURE MANAGEMENT

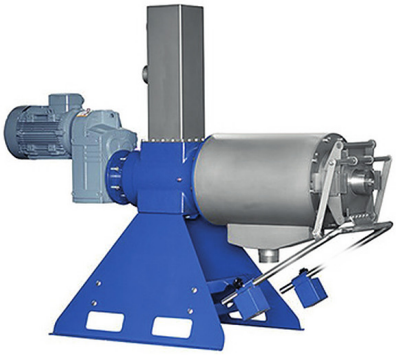
SCRAPING, SEPARATING, PUMPING AND MIXING



AUTOMATIC MANURE SCRAPER

Height 17 cm · adjustable width · timer · 13 mm hardened chain

VX-G1



MANURE SEPARATOR

Cast chassis · chrome screen · 5.5 kW

VX-G2



MANURE PUMP

Cast iron · 5 – 15 kW · 120 t/h

VX-G3



MANURE MIXER

11 – 15 kW · capacity 5000 m^3

VX-G4

TECHNICAL DATA

PRODUCT	MOTOR	CAPACITY	MATERIAL	CODE
Manure scraper	0.55 – 1.5 kW	Adjustable width	Hot-dip galv. or paint	VX-G1
Manure separator	5.5 kW	20 m^3	Cast chassis · chrome screen	VX-G2
Manure pump	5 · 7.5 · 11 · 15 kW	120 t/h	Cast iron	VX-G3
Manure mixer	11 · 15 kW	5000 m^3	–	VX-G4

06

FARM EQUIPMENT

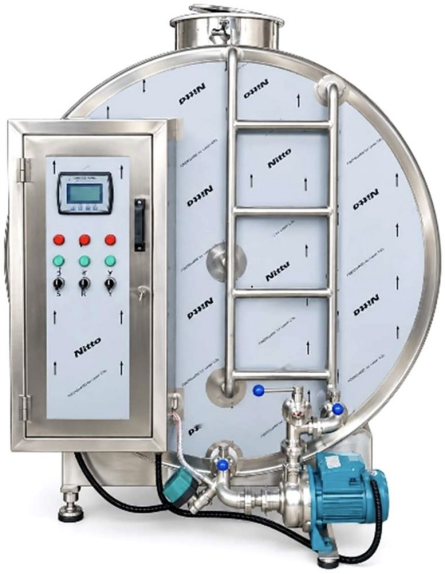
MILK COOLING TANKS

CLOSED HORIZONTAL AND OPEN VERTICAL, IN STAINLESS STEEL

VORTEX DAIRY TECH.

CLOSED HORIZONTAL TANK





BUILT FOR CLEAN MILK

- AISI 304 STAINLESS STEEL
- POLYURETHANE-FOAM INSULATION
- AGITATOR FOR EVEN COOLING
- DIGITAL TEMPERATURE CONTROL WITH ACCESS LADDER
- MANHOLE LID AND FULL DRAIN

TANK TYPES

	OPEN VERTICAL	CLOSED HORIZONTAL
Capacity range	100 – 2,000 L	2,000 – 10,000 L
Typical farm	Small and medium farms	Medium and large farms
Lid	Opening lid	Closed, with manhole
Supply	220 V (small) · 380 V	380 V
Cooling target	To 4 °C within approx. 3 hours	To 4 °C within approx. 3 hours