

The logo for Flowtherm, featuring the word "Flowtherm" in a white, bold, sans-serif font. The letter "o" is stylized with a red square above it, and the letter "m" has a red square at its top right corner. The background of the entire page is a close-up photograph of a bunch of green grapes hanging from a vine with large green leaves, set against a blurred background of more vines and leaves.

**Flowtherm**

The logo for saniquip stainless. It features a stylized icon of a square with four dots at the corners, connected by lines, in a light green color. To the right of the icon, the word "saniquip" is written in a bold, sans-serif font, with "sani" in white and "quip" in green. Below "saniquip", the word "stainless" is written in a smaller, white, sans-serif font.

**saniquip**  
stainless

# WINE EQUIPMENT

DELIVERING ACCURACY AND  
QUALITY EVERY TIME

CATALOGUE | 2024 | NZ EDITION

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## About Us

**FlowTherm Australia** has been providing technical solutions to the Pharmaceutical, Food, Beverage, Personal Care, Dairy, Wine, and Brewery industries for over twenty years and we have a team of highly trained and experienced staff supplying our customers with a better choice of process equipment and services for any and all requirements in the Indo-Pacific region.

Founded in 2001, FlowTherm's main office is in Melbourne, Victoria. We have since spread across the region, and now have offices in Sydney, Brisbane, Adelaide, and Singapore. In 2021, FlowTherm's 20th year of operation, we have expanded to include Capital Equipment, as well as opening our service division: FlowTherm Service.

FlowTherm Australia is one of Australia's leading suppliers of hygienic process equipment, such as valves, pumps, heat exchangers, tank equipment, homogenisers, high shear mixers, separators, as well as parts and service.

FlowTherm offers a complete package of hygienic fluid handling equipment, capital equipment, and service from world leading brands including Willmes, CME, MecGem CSF Inox, Ampco, MBS, and many more.

We take great pride in providing a variety of options for standard and unique applications, as well as being able to find the right solutions for our customers.

**Saniquip Stainless Ltd** are based in Auckland New Zealand and became part of the FlowTherm Group in January 2020.

Established in 2012 Saniquip have a wealth of experience in the supply and support of hygienic stainless steel process and tank equipment, as well as a comprehensive portfolio of capital equipment. Saniquip offer the entire FlowTherm product range to NZ based clients.

From our Auckland office and warehouse facility we service the food and beverage processing, dairy, wine, brewing, and pharmaceutical industries nationwide.



# Destemming and Crushing

C.M.E

## C.M.E Destemmer-Crusher

For over 70 years, C.M.E. has been a pioneer in crafting high-efficiency stainless steel grape destemmer/crushers, offering a perfect blend of economy, versatility, and quality.

### Key Features:

- High-performance operation.
- Flexible processing for various grape types.
- Easy cleaning and maintenance.
- Capacities from 100 to 1,400 Q.li/h.
- Independent motor and inverter for cage and beater speed adjustment.
- Food-grade rubber crushers for gentle pressing, adjustable and removable.
- Easily removable transmission unit for horizontal and vertical orientations.
- Adjustable cage-to-beater distance.
- Easy cleaning and maintenance, suitable for installation in small pits.

### Configurability:

- Destemming options.
- Pressing options.
- Draining options.

### Optional Features:

- Pneumatic cylinders for enhanced functionality.
- Various rubber paddle types for customized processing.
- Load cells for automatic adjustment in PMT series screw pumps.
- High-performance cleaning system.
- "Non-destemming" hopper for specialized needs.

# Destemming and Crushing

C.M.E



DPN15

DPN100

	Grape Production (t/h)	Power (kW)		Dims L x W x H (mm)	Weight (Kg)	Compatible Hopper	Crusher			Fluid Transfer			
		Beater	Cage				Power (kW)	Model	Power (kW)	Rollers	Hopper for must	PMT Pump	
						Power (kW)					Model	Power (kW)	Power (kW)
DPN10	8 - 12	2.2	2.2	750 x 2050 x 1180	295	Beater motor	PR10	0.75	2	-	-	-	
DPN15	13 - 17	2.2	2.2	870 x 2500 x 1050	450	0.55	PR15	1.1		0.55	PMT15	5.5	
DPN25	22 - 28	3	3	1280 x 2880 x 1200	650	0.75	PR25	1.5		0.75	PMT25	7.5	
DPN45L	40 - 50	5.5	5.5	1100 x 3420 x 1350	1000	1.1	PR45	2.2	4	1.1	PMT45	9.2	
DPN60L	55 - 65	7.5	7.5	1300 x 3770 x 1420	1170	1.5	PR60	3		1.5	PMT60	11	
DPN80	70 - 90	9.2	1.5	1350 x 3090 x 1720	1300	1.8	PR130	4		1.8	PMT80	15	
DPN100	90 - 110	11	2.2	1640 x 4550 x 1800	1690	2.2				4	2.2	PMT100	18.5
DPN130	110 - 130	15	3	1640 x 4550 x 1800	1950							PMT100s	22
DPN130S	145	22	4	1750 x 4550 x 1800	2090				PMT130s	30			



## Filtration Mecgem

### CFP Crossflow Filter

The CFP Crossflow Filtration Unit simplifies microfiltration, delivering clarity and microbiological stability without the need for diatomaceous earth / kieselguhr. This eliminates workplace pollution and disposal issues and improves worker safety..

- Specifically designed for wine, grape juice, and liquid food.
- Materials, sizing, and pore distribution to cater to precise filtration needs.
- Enables efficient and tailored microfiltration without unnecessary complexities



# Filtration

## Mecgem

CFP RS (Semi-Automatic) Crossflow Filter								
CFP RS has a porosity diameter of 0.2µm CFP RS has a maximum working temperature of 70°C	Permeate Flow Rate (l/h)	Membranes (n°)	Total Filtration Surface (m²)	Power (kW)			Dim. L x W x H (mm)	Weight (Kg)
				Total installed power	Feeding pump	Recirculation pump		
CFP RS 10	up to 600	1	10	4.05	1.85	2.2	1800 x 950 x 2100	390
CFP RS 30	up to 1800	3	30	4.05	1.85	2.2	1800 x 1080 x 2100	500
CFP RS 60	up to 3600	6	60	6.25	1.85	2.2	1800 x 1450 x 2100	650
CFP RS 90	up to 7200	9	90	8.51	1.85	2.2	1800 x 2120 x 2100	930
CFP RS 120	up to 9600	12	120	10.73	1.85	2.2	1800 x 2790 x 2100	1100
<b>Accessories</b> PED directive Turbidimeter Double automatic filter Contact parts made of AISI 316								

CFP RA (Fully-Automatic) Crossflow Filter								
CFP RA has a porosity diameter of 0.2µm CFP RA has a maximum working temperature of 70°C	Permeate Flow Rate (l/h)	Membranes (n°)	Total Filtration Surface (m²)	Power (kW)			Dim. L x W x H (mm)	Weight (Kg)
				Total installed power	Feeding pump	Recirculation pump		
CFP RA 10	up to 600	1	10	4.05	1.85	2.2	1800 x 950 x 2100	390
CFP RA 30	up to 1800	3	30	4.05	1.85	2.2	1800 x 1080 x 2100	500
CFP RA 60	up to 3600	6	60	6.25	1.85	2.2	1800 x 1450 x 2100	650
CFP RA 90	up to 7200	9	90	8.51	1.85	2.2	1800 x 2120 x 2100	930
CFP RA 120	up to 9600	12	120	10.73	1.85	2.2	1800 x 2790 x 2100	1100
<b>Accessories</b> PED directive Double inlet/outlet with automatic valves (tank management) Double automatic filter Contact parts made of AISI 316 Manual shut-off valves to single module								

## Pressing & Draining Willmes



### Merlin+ Press

The MERLINPLUS+ press features original double-membrane technology for superior press results, with vertical electropolished stainless steel juice channels ensuring excellent outcomes. Its generous filling opening accelerates filling and emptying processes, while optimal material distribution is guaranteed without additional rotations.

- Original double-membrane technology for superior press results
- Vertical electropolished stainless steel juice channels
- Generous filling opening accelerates filling and emptying processes
- Optimal material distribution without additional rotations
- Direct discharge from vertical juice channels for efficient pre-juicing
- Touch-panel operation provides easy access to perfected pressing programs
- Quick disassembly of vertical juice channels and corner-edge-free design minimize cleaning times

Merlin				
* Maximum weight	Whole Cluster* approx. pressing time	Fresh grapes* approx. pressing time	Fermented grapes* approx. pressing time	Dim. L x W x H (mm)
MERLINPLUS+ 1200	0.9 t	3.0 t	4.8 t	2710 x 1400 x 1655
MERLINPLUS+ 1800	1.3 t	4.5 t	7.2 t	3530 x 1400 x 1655
MERLINPLUS+ 2500	1.8 t	6.3 t	10.0 t	3300 x 1750 x 2070
MERLINPLUS+ 3400	2.4 t	8.5 t	13.6 t	4100 x 1750 x 2070
MERLINPLUS+ 4300	3.0 t	10.8 t	17.2 t	4100 x 1750 x 2140
MERLINPLUS+ 5100	3.6 t	12.8 t	20.4 t	4680 x 1750 x 2140



## Pressing & Draining Willmes



### Sigma Press

Introducing SIGMA, a revolutionary press system featuring patented double-membrane technology and vertical Flexidrain® juice channels for unparalleled press results. With shorter pressing times, larger filling quantities, and reduced mechanical loads, SIGMA ensures premium must yield and economic efficiency.

- Patented double-membrane technology and vertical Flexidrain® juice channels
- Unique Perfect-Flow mesh ensures unparalleled press results
- Shorter pressing times, larger filling quantities, and reduced mechanical loads
- Maximum flexibility with hermetically sealable door openings
- Adaptability to diverse grape processing needs, including whole-cluster or mash processing
- Intelligent control programs and intuitive touch panel for easy operation
- Easy dismantling of vertical juice channels and corner-edge-free pressing body reduce cleaning times

Sigma				
* Maximum weight	Whole Cluster* approx. pressing time	Fresh grapes* approx. pressing time	Fermented grapes* approx. pressing time	Dim. L x W x H (mm)
<b>SIGMA 3</b>	2.1 t	7.5 t	12.0 t	3740 x 1870 x 2120
<b>SIGMA 5</b>	3.5 t	12.5 t	20.0 t	4740 x 1940 x 2260
<b>SIGMA 6</b>	4.2 t	15.0 t	24.0 t	5180 x 2100 x 2350
<b>SIGMA 8</b>	5.6 t	20.0 t	32.0 t	5890 x 2100 x 2530
<b>SIGMA 9</b>	6.3 t	22.0 t	35.0 t	5470 x 2300 x 2810
<b>SIGMA 12</b>	8.4 t	30.0 t	48.0 t	7100 x 2500 x 2880
<b>SIGMA 16</b>	11.2 t	40.0 t	64.0 t	7100 x 2500 x 2880
<b>SIGMA 24</b>	16.8 t	60.0 t	96.0 t	9720 x 3060 x 3460
<b>SIGMA 34</b>	23.8 t	85.0 t	136.0 t	9720 x 3060 x 3460
SPECIAL MODELS				
<b>SIGMA UNI</b>	0.5 t	1.7 t	2.8 t	1990 x 1610 x 1760
<b>SIGMA 41 w/ large door</b>	3.0 t	10.0 t	16.0 t	2590 x 2020 x 2130
<b>SIGMA 55 w/ large door</b>	4.0 t	13.0 t	21.0 t	4290 x 2020 x 2130

## Loading Willmes

### Grape Receiving Hoppers

The Grape Receiving Hoppers from Willmes are designed for efficient handling of grapes, featuring a broad opening for discharging boxes or standardized containers. The vibratory receiving hoppers have a pre-juicing section to collect free juice without any loss, and a vibratory conveyor that ensures uniform filling of downstream systems without stressing or crushing the grapes. Available in both fixed and hydraulically adjustable models, these hoppers offer easy cleaning with hinged collecting trays.

#### Key Features:

- Broad opening for discharging boxes or standardized containers
- Pre-juicing section to collect free juice
- Vibratory conveyor for uniform filling of downstream systems
- Fixed and hydraulically adjustable options
- Hinged collecting trays for easy cleaning
- Grapes per hour: 8t





### Vibrating Conveyors

The Vibrating Conveyors from Willmes are ideal for manual pre-sorting or post-sorting of grapes, equipped with high-end sorting tables featuring draining slots and trays for juice and dry plant residues. These conveyors include a frequency converter for precise control of vibration speed and are available in various lengths and conveying angles, with options for mounted hoppers or tipping devices. With an average capacity of 5 tons per hour, they offer versatile designs to meet diverse operational needs.

#### Key Features:

- High-end sorting tables with draining slots and trays
- Frequency converter for precise vibration speed control
- Various lengths and conveying angles available
- Options for mounted hoppers or tipping devices
- Average capacity of 5 tons per hour
- Length: 3000 mm and 4000 mm
- Grapes per hour: 8t



### Optical Sorting (GRAPESORT)

The GRAPESORT from Willmes is designed for fully automatic, optical grape sorting. After feeding, a conveyor belt evenly accelerates the grapes, which are then delivered in flight to the heart of the sorting machine. A camera scans the grapes at up to 18,000 images per second and sorts them according to preset parameters, with sorting criteria including berry color and degree Oechsle. Additional inspection with NIR (near infrared) allows the machine to sort out same-colored but dried berries or berries by their degree of ripeness. The flawed berries are precisely “shot out” with an air blast from 128 valves, ensuring only individual grapes are detected and sorted.

#### Key Features:

- Fully automatic optical grape sorting
- Conveyor belt for even acceleration of grapes
- Camera scans up to 18,000 images per second
- Large touch screen for sorting parameter selection
- NIR (near infrared) inspection for advanced sorting capabilities
- Air blast from 128 valves for precise sorting
- Grapes per hour: 8t

## Pumps FlowTherm



### The Marksman Smart Pump

Designed with three decades of expertise in supplying pumps to the Australasian wine industry, the Marksman Smart Pump represents a pinnacle solution for wineries. Simplify cellar operations with automated transfers and precise control, eliminating blending errors and optimising workflow. Marksman Smart Pump is widely customisable and with its several configuration options it can be tailored to meet the unique demands of your winery.

#### Key Features:

- High level of automation, control, and monitoring
- Tank sensors with a radio transmitter to prevent over-filling
- Multiple safeguards to prevent wine loss
- "Gentle Start" for filling empty tanks
- Touchscreen with smartphone control
- History function that records all transfers onto a USB drive

#### Standard System Components:

- Flexible Impeller pump
- Variable Speed Drive (VSD) for speed control
- Stainless steel electrical cabinet
- Endress + Hauser 10D magnetic flowmeter
- 7" color touchscreen
- Wi-Fi connectivity (optional SIM card)
- Radio receiver
- Included tank full sensor bar with a radio transmitter
- Optional barrel sensor with a radio transmitter
- Pressure transducer
- Stainless steel trolley
- 10m power cable and plug

#### User Interface:

# Pumps

## Pump Packages



- Various operating modes including Batching, Manual, Pressing, and Barrel filling/emptying
- Permanent status bar for continuous monitoring
- Automatic shutdown in various events for safety and efficiency

### Options:

- Pneumatic valve with an air storage tank (20L)
- Press juice tray level sensors
- Barrel filling and emptying spear
- Dedicated smartphone control



### Starter Package

Includes:

- DOL Starter (fixed speed)
- Reversing Switch
- Plastic Enclosures



### Professional Package

Includes:

- Electronic VSD (Variable Speed)
- Powder Coated Metal Enclosure
- 15m Remote Pendant (Forward/Off/Reverse and speed control)
- Isolating Switch



### Elite Package

Includes:

- Electronic VSD
- Stainless Steel Enclosure
- Radio Remote Controller inc. 2 handsets
- Indicator Lights on Panel
- Local Controls
- Isolating Switch

## Pumps

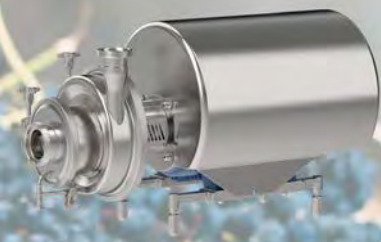
### CSF



#### CS/CSD Centrifugal Pump

The CS pump range ensures high-level operation and top-of-the-range performance, featuring a 6-vane impeller and shaft support bearing for easy coupling with standard IEC electric motors. The CSD variant includes a sterile steam protection barrier.

- High-level operation and top-of-the-range performance
- 6-vane impeller and shaft support bearing
- Easy coupling with standard IEC electric motors
- CSD variant includes a sterile steam protection barrier



#### CNH Self-Priming Centrifugal Pump

The CNH series consists of single-stage centrifugal pumps with a self-priming device, axial suction port, open centrifugal impeller, and independent shaft, featuring a helical rotor and off-center rotor chamber for efficient self-priming.

- Single-stage centrifugal pumps with self-priming device
- Axial suction port and open centrifugal impeller
- Independent shaft with helical rotor and off-center rotor chamber
- Efficient self-priming capability



#### A & AS Liquid Ring Pumps

Single-block self-priming sanitary pumps with independent support and standard IEC motors, featuring an impeller supported directly by the electric motor shaft for reliable and efficient operation.

- Single-block self-priming sanitary pumps
- Independent support and standard IEC motors
- Impeller supported directly by electric motor shaft
- Reliable and efficient operation



#### CL-CLC Centrifugal Pump

Built with an open three-vane impeller directly installed on the motor shaft, suitable for a wide range of applications, including a CLC variant with a closed impeller for specific pumping needs.

- Open three-vane impeller directly installed on motor shaft
- Suitable for a wide range of applications
- CLC variant includes closed impeller
- Designed for specific pumping needs

# Pumps

## CSF



### CR Centrifugal Pump

Featuring a special spiral impeller, unique body shape, large volute, and reduced operating speed, this pump is suitable for handling delicate liquids with suspended particles, combining centrifugal pump properties with the delicate handling of a progressive cavity pump.

- Special spiral impeller and unique body shape
- Large volute and reduced operating speed
- Suitable for delicate liquids with suspended particles
- Combines centrifugal pump properties with delicate handling

### MA Progressive Cavity/Helical Rotor Pump

The MA Series progressive cavity pump features a single rotating shaft design with a stainless-steel rotor and rubber stator, offering versatility in material options and motor configurations, handling fluids up to 800,000 cps with gentle, pulse-free pumping action.



- Single rotating shaft design with stainless-steel rotor and rubber stator
- Versatility in material options and motor configurations
- Handles fluids up to 800,000 cps with gentle, pulse-free pumping action
- Ideal for diverse applications requiring precision and reliability

### MC Helical Rotor Pump

Version with a hopper equipped with pre-feeding auger screw, suitable for viscous products that do not flow easily through pipes, featuring a rectangular flange for connecting various conveyance systems for efficient product transfer.



- Equipped with hopper and pre-feeding auger screw
- Suitable for viscous products
- Rectangular flange for connecting conveyance systems
- Efficient product transfer

# Pumps

## Progressive Cavity Pumps for the Wine Industry

Pressing/Transfer of Pressed Grapes, Mash, Musts + Wine



Bottling - Filtration Refrigeration



Filling and Emptying of Barrels



MAE Series with Electrical Control Panel Enclosure



MAE Series with Electrical Control Panel for Remote On/Off Control from the Stainless Steel Suction Probes



Recirculation and Decanting







## Lobe Pumps

### OMAC



#### B Series Rotary Lobe Pumps

The volumetric lobe pumps of the B series are traditional and reliable, featuring a clear separation chamber between pumping body and support to prevent contamination between pumped fluid and lubricant. The foot of the removable support simplifies installation for connection with horizontal or vertical pipes, while the modular design allows for easy addition or exchange of parts.

- Traditional and reliable volumetric lobe pumps
- Clear separation chamber prevents contamination
- Removable support foot simplifies installation
- Modular design allows for easy addition or exchange of parts



#### C Series Multi-Lobe Pump

The C series incorporates new front loading seals design for easier and quick servicing, with maintenance simplified by a new external axial adjustment system. All parts in contact with the product are made of stainless steel 1.4404, and the pump body is cast with integral connections without welding, ensuring durability and reliability.

- New front loading seals design for easier servicing
- Maintenance simplified by external axial adjustment system
- All parts in contact with product made of stainless steel
- Pump body cast with integral connections without welding



## Flexible Rubber Impeller Pumps

### Multiple Brands Offered

The Flexible Rubber Impeller Pump offers versatility and reliability for winery fluid transfer needs. Featuring a reversible pump design capable of efficiently handling solids and delivering high flowrates, it suits various applications. Its low revolution speed facilitates delicate liquid transfer and maintenance ease, making it indispensable in winemaking.

- Versatile fluid transfer solution for wineries
- Reversible pump design handles solids efficiently
- High flowrates for effective performance
- Low revolution speed suitable for delicate liquids and suspended solids
- Simple design enables easy maintenance
- Capacities ranging from 4 to 54 kL/h cater to diverse production needs



## Pumps Ampco

### ZP1 Circumferential Piston Pump

The ZP1 Pump is the industry workhorse, known for its proven design and added features. Popular worldwide, it has a large installed base in both sanitary and non-sanitary applications, and with seal modifications like the PTFE double lip seal, it excels in tough applications such as chocolate and paint processing.

- Proven design with added features
- Large installed base in sanitary and non-sanitary applications
- Seal modifications like PTFE double lip seal for tough applications



### ZP2 Circumferential Piston Pump

The ZP2 Pump, with its stainless steel gear case, is built for CIP-ability with enclosed rotor nuts, capable of withstanding higher pressures with larger 17-4ph stainless steel shafts. Certified by 3A and capable of withstanding pressures up to 500 PSI, it ensures reliability and durability even in demanding applications.

- Built for CIP-ability with enclosed rotor nuts
- Capable of withstanding higher pressures with larger shafts
- Certified by 3A and capable of withstanding pressures up to 500 PSI
- Reliable and durable even in demanding applications



### ZP3 Circumferential Piston Pump

The ZP3 sets the standard for PD circumferential piston pump technology with its simplified yet state-of-the-art design, ensuring reliability, durability, and fast availability. Leading the industry, it boasts enhanced features and is capable of meeting the most demanding pumping requirements with ease.

- Sets the standard for PD circumferential piston pump technology
- Simplified yet state-of-the-art design
- Reliable, durable, and available fast
- Capable of meeting the most demanding pumping requirements



## Pumps

### Boyser



#### Lobe Pump with Rubber-Coated Rotors

Lobe Pumps with Rubber-Coated Rotors offer an economical food-grade option suitable for various applications including wine, olive oil, vegetable oil, and more. The LB series pumps feature rubber-coated rotors designed to handle challenges like metal staples present in grapes.

- Industrial pumps with rubber-coated rotors
- Available in 4 different sizes
- Made of martensitic or austenitic stainless steel
- Suitable for various applications including corrosive fluids
- Operating pressure of up to 10 bar
- Self-priming, reversible pumps
- Large solids passage for pumping solids-laden media



#### FMP Series Peristaltic Pump

FMP Series Peristaltic Pump offers robust design and versatility with six different sizes and various drive options. These pumps are suitable for handling corrosive products and feature a wide range of connections and hoses.

- Robust design with integrated bearing housing
- Available in 6 different sizes
- Suitable for corrosive products
- Operating pressure of up to 8 bar
- Self-priming pumps with unlimited dry-running capacity
- High resistance to abrasion
- Capacity to pump difficult products

## Pumps TMXFLOW



### TMXFLOW Sanitary Rotary Lobe Pump

SLA+ Rotary Lobe Pumps combine cost effective simplicity and easy maintenance with TMXFLOW quality and reliability.



With reducer and integrated VFD



With geared motor & coupling mounted on stainless steel base plate



With stainless steel motor shroud



With vertical ports



With rectangular inlet



Integral pressure relief valve



Heating jacket

## Valves Bardiani

### VVF Butterfly Valve



The Bardiani VVF Butterfly Valve is a manual valve designed for fluid control with simple, elegant engineering. It is renowned for reliability and widely used across various industries requiring ample product passage.

- Manual butterfly valve for fluid control
- Simple, elegant design for reliability
- Ideal for applications requiring ample product passage

### ZVF Butterfly Valve



The Bardiani ZVF Butterfly Valve features a pneumatic actuator for fluid control with the same simple, elegant design as the VVF model. It offers extensive product passage and exceptional reliability, making it suitable for various applications.

- Butterfly valve with pneumatic actuator for fluid control
- Simple, elegant design ensures reliability
- Suitable for applications requiring extensive product passage

### BBZS1 & BBZS5 Single Seat Bypass Valves



The BBZS1 and BBZS5 Single Seat Bypass Valves by Bardiani offer versatility and reliability across diverse applications. They feature built-in regulation for retained pressure, providing precise control in various sectors.

- Highly versatile single seat bypass valves
- Built-in pressure regulation for precise control
- Suitable for diverse applications across multiple sectors

### BBZP Single Seat Valve Stop & Diverter



The Bardiani BBZP Single Seat Valve offers top-quality construction for reliability in fluid control applications. With reduced seals in contact with the product, it ensures maximum reliability and precision.

- Single seat valve with top-quality construction
- Reduced seals for maximum reliability
- Ideal for applications requiring precise fluid control

## Valves Bardiani



### B925 Mixproof Double Seat Valve

The Bardiani B925 Mixproof Double Seat Valve optimizes space in production plants with its effective design. It reduces the number of single seat valves required while ensuring efficient fluid control in health-hygiene applications.

- Double seat valve for production plants
- Optimizes space by reducing single seat valve requirements
- Ensures efficient fluid control in health-hygiene applications



### B935 Mixproof Double Seat Tank Bottom Valve

The Bardiani B935 Mixproof Double Seat Tank Bottom Valve offers modern design and effective fluid control. It ensures total separation between different liquids, minimizing the risk of contamination in tank applications.

- Mixproof valve with modern design for tank applications
- Ensures total separation between different liquids
- Minimizes the risk of contamination



### Giotto360 Control Top Series

Bardiani's Giotto360 Control Top Series ensures effective control and monitoring of valve operations. With built-in position indicators and solenoid valves, it offers quick and easy installation on top of valve actuators, enhancing operational efficiency.

- Control top series for effective valve operation
- Built-in position indicators and solenoid valves
- Quick and easy installation for enhanced operational efficiency

## Tank Cleaning

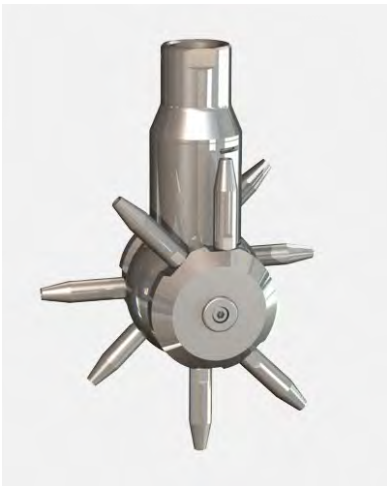
### Dasic Group



#### Orbitor 100

The Orbitor 100 is a compact yet powerful tank cleaning solution, ideal for smaller tanks or confined spaces. With its self-lubricating and self-cleaning capabilities, it delivers economic and high-impact cleaning with ease.

- Compact edition of renowned tank washing machine
- Self-lubricating, self-cleaning
- Versatile and simple design
- Suitable for smaller tanks/confined spaces
- Certified to ATEX/BV standards
- Minimizes water consumption
- Constructed with 316L Stainless Steel body
- Fits Ø100mm apertures, operates at up to 95°C



#### Orbitor Dualhead

The Orbitor Dual Head is a highly versatile tank cleaning machine designed for open tanks. With customizable wash angles and a dual-headed design, it ensures efficient and customizable cleaning for various tank sizes.

- Highly versatile tank cleaning machine
- Dual-headed design with eight nozzles
- Customizable wash angles from 180° to 85°
- Suitable for open tanks up to 30m in diameter (based on 180° wash pattern)
- Safety-certified to ATEX standards
- Constructed with 316L Stainless Steel body
- Weighs 10kg, operates at up to 95°C



#### DT

The DT is a versatile tank cleaning machine designed for targeted and directional cleaning. Originally crafted for the Paper & Pulp Industry, its customizable nozzle configurations ensure effective cleaning for diverse applications.

- Versatile tank cleaning machine
- Designed for targeted and directional cleaning
- Customizable nozzle configurations (2 to 6 jets)
- Ideal for dense residues, scum lines, and bottom washing
- Constructed with 316L Stainless Steel body
- Weighs 6.0kg
- Flexible design for on-site reconfiguration

## Tank Cleaning

### Dasic Group



#### Orbitor Double Nozzle

The Orbitor Double Nozzle is a high-quality stainless steel orbital tank washing machine designed for industrial and hygienic environments. With its self-lubricated and self-cleaning features, it guarantees efficient cleaning with minimal water consumption.

- Stainless steel orbital tank washing machine
- Self-lubricated, self-cleaning
- Efficient cleaning with high-pressure impact jets
- Custom-made to order
- Certified to ATEX/BV standards
- Weighs 6 kg, operates at low pressures



#### Orbitor 4 Nozzle

The Orbitor 4 Nozzle is a precision tank cleaning machine crafted for top-tier cleanliness in various industries. Its self-cleaning design and customizable configuration ensure thorough cleaning with minimal water consumption.

- Precision tank cleaning machine
- Suitable for food, brewing, beverage, dairy, and chemical industries
- Self-cleaning design, low starting torque
- Custom configuration for efficient cleaning
- Weighs 6 kg, certified to ATEX/BV standards



#### Orbitor Hi Cap

The Orbitor Hi Cap is a robust tank cleaning machine designed for powerful cleaning in larger tanks. Engineered with quality components, it guarantees extended operating life and reliability in challenging environments.

- Robust tank cleaning machine
- Designed for larger tanks up to Ø42m
- Jet lengths span 13m to 21m
- Custom-configured for specific applications
- Certified to ATEX/BV standards
- Weighs 12.5kg, operates at up to 95°C



#### Spray Balls

The Dasic Rotary Spray Ball is a dynamic alternative to static spray balls for efficient cleaning in vessels. With its versatile down wash patterns and operational capabilities, it offers an upgraded solution for diverse applications.

- Dynamic alternative to static spray balls
- Offers 360, 300, and 180-degree down wash patterns
- Operating pressures: 1 to 3 bar
- Maximum temperature: 95°C
- Well suited to simple cleaning duties in small to medium vessels





## Tank Cleaning

JA



### JA TCM-M20

The JA TCM-M20 range of tank cleaning machines utilise high impact jet sprays able to effectively clean the internal surfaces of a wide range of different vessels. The TCM-M20 can be delivered with various nozzle sizes and configurations allowing optimised performance specific to your process.

- Offers effective cleaning even in demanding applications with difficult to remove residues.
- Available in executions suitable for permanent installation with a fixed downpipe or for portable use suspended from a flexible hose.
- Optionally available in a special "upside down" execution with additional bearing and fixed clutch to allow cleaning from the bottom of the tank.
- Media lubricated
- Short cleaning time
- Weight approx. 6.5kg (depending upon configuration)



## Heat Exchange and Refrigeration

Tubular Heat Exchangers

MBS



### Sanitary Mixflo Monotube Serie MNW

The Monotube MIXFLO Heat Exchanger consists of two concentric corrugated tubes. The product to be thermally processed flows inside the smaller tube while service fluid flows inside the external jacket. The Monotube MIXFLO Heat Exchanger is fully welded with expansion joint when necessary.

Kelvion



Plate Heat Exchangers

Kelvion

### Gasketed Plate Heat Exchangers

Kelvion's gasketed plate heat exchangers exemplify the results of passion, scientific curiosity, and technological expertise. They offer high efficiency at low operating costs, providing versatile applications at reduced investment costs. Continuous plate series development targets thermodynamic and fluid-dynamic performance to ensure maximum economic efficiency, tailored to your demands. With customizable plate corrugations, connection sizes, widths, and lengths, they meet your specific requirements. Maintenance-friendly assembly and sealing technologies keep service and maintenance costs low.



# Components



## D-Series Butterfly Valves

Quality hygienic valves in AISI 304L/316L stainless steel, various sizes and handle options, FDA compliant seals, multiple connections.



## A-Series Butterfly Valves

High-quality AISI 316L stainless steel valves, robust design, low flow resistance, FDA compliant seals, optional proximity switches.



## Vacuum/Pressure Valves

Spring-loaded breather valves, AISI 304L/316L stainless steel, FDA compliant seals, vacuum and overpressure protection.



## Micrometric Butterfly Valves

Manual valves for precise control, stainless steel construction, micrometric handle with scale, sizes 1/2" to 4".



## 53-Series Ball Valves (Flushable)

Slimline ball valves in AISI 304L/316L, full port design, FDA compliant seals, manual or pneumatic operation.



## CC-Series Non-Return Valves

Spring-type valves, AISI 316L stainless steel, FDA compliant seals, vertical/horizontal installation, sizes 1" to 4".



## Cavity Filled Ball Valves

3-way/4-way valves, hygienic design, PTFE cavity filler seats, multiple flow configurations, easy automation.



## Sample Valves

Hygienic sample valves, AISI 316 stainless steel, silicone diaphragm, no product contact with shaft, simple maintenance.



## Hygienic Pinch Valves

Full bore pneumatic valves, FDA compliant rubber sleeve, handles solids in suspension, sizes 3/4" to 6".



**Diaphragm Valves**

BioClean weir type valves, ultra-hygienic, AISI 316L stainless steel, FDA compliant diaphragms, minimal maintenance.



**98-Series Filters & Strainers**

Hygienic in-line filters, various designs, coarse and fine filtration, polished stainless steel, FDA compliant materials.



**Sight Glasses**

Hygienic sight glasses, various types, AISI 304L/316L stainless steel, polycarbonate or borosilicate glass, FDA compliant seals.



**Manways for Tanks**

Stainless steel manways, various shapes and sizes, pressure/vacuum rated, multiple gasket options, custom features available.



**Gaskets for Tank Manways**

Durable, food-grade gaskets for manways, ensuring a secure seal.



**Pressure Gauges with Diaphragm Seal**

Hygienic pressure gauges, AISI 316L stainless steel, glycerin fill, FDA compliant, CIP suitable, accurate measurements.



**Flowmeters**

Sanitary magnetic flowmeters, high accuracy, tri-clamp connections, 24V DC/240V AC, pulse and 4 to 20mA outputs



**Gas Spargers / Mixers**

Efficient gas-liquid mixing for wine, stainless steel, uniform gas distribution, enhances fermentation, carbonation, and oxygenation, hygienic design.



**Floating Lids & Accessories for Variable Capacity Tanks**

**Improved Food Grade Black Rubber Pneumatic Gaskets for Variable Capacity Tanks**

## Our Brands



Established in 1981 in the United States, Ampco Pumps is a global leader in pump solutions for the food, beverage, and pharmaceutical industries. With a focus on quality and customer service, Ampco delivers reliable and efficient products worldwide, cementing its position as an industry standard.

<https://www.ampcopumps.com/>

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Founded in 1981 in Italy, Bardiani Valvole is a leading valve manufacturer known for quality and sustainability. Bardiani's engineering practices emphasise reducing maintenance costs and supporting sustainable practices, ensuring their products meet the highest standards of reliability and performance.

<https://www.bardiani.com/en/>

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Established in 1993 in Spain, BOYSER specialises in industrial fluid handling pumps, offering comprehensive solutions for diverse industries globally. With a commitment to quality and innovation, BOYSER delivers reliable and efficient pumping solutions tailored to meet the specific needs of each customer.

<https://www.boyser.com/>

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Founded in Italy in 1945, CME specializes in machinery for the wine and agro-food sectors, offering innovative solutions and reliable service. With decades of experience and a focus on customer satisfaction, CME has established itself as a trusted partner in the industry, known for delivering high-quality products and exceptional support.

<https://www.cme-re.it/en/>

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Established in Italy in 1970, CSF Inox S.p.A. is a leading pump manufacturer serving the food & beverage, dairy, chemical, and pharmaceutical industries globally. With a commitment to quality and specialization, CSF Inox provides a comprehensive product range, including centrifugal, self-priming, and progressive cavity pumps.

<https://www.csf.it/en/>

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Dasic has been a leader in tank cleaning since the 1960s, and has been designing and manufacturing specialist tank cleaning equipment for CIP systems in a wide range of sanitary applications since the early 1990's. Dasic provides reliable solutions for the wine industry while emphasising quality and efficiency.

<https://www.dasic-group.com/dasic-tank-clean/>

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For more than sixty years now the name Donadon SDD has been synonymous with the production of high quality rupture discs for industrial plants. Their range of custom-made safety devices includes rupture discs, rupture indicators, and explosion venting panels.

<https://www.donadonsdd.com>

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Originally established in 1947 Fratelli Laveggi s.n.c. began manufacturing stainless steel manways in 1952. Today Laveggi are one of the leading manufacturers of stainless steel tank doors and manways used in the wine, food and beverage and chemical industries.

<https://www.laveggi.com/en/>

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Kelvion, a global leader since 1920, manufactures industrial heat exchangers for various industries, offering customer-specific products and services worldwide. With a strong focus on innovation and quality, Kelvion is dedicated to meeting the evolving needs of its customers and providing reliable heat exchange solutions.

<https://www.kelvion.com/>

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Founded in 1983 M&S Armaturen have grown to become a leading supplier of valves, filters, sight glasses and other flow accessories to the wine, food and beverage, chemical, cosmetic and pharmaceutical sectors.

<https://www.ms-armaturen.de/en/>

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Mecgem Technology specializes in fluid treatment solutions, offering innovative and customizable solutions for diverse sectors. With a focus on research and innovation, Mecgem Technology strives to provide cutting-edge solutions that enhance production yield and maintain consistent quality across various industries.

<https://www.mecgem.it/en/>

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MBS srl, founded in Italy in 1995, is a prominent player in heat exchanger production, known for its breakthrough fluid dynamics analysis program. With a commitment to quality and customer satisfaction, MBS srl delivers reliable and efficient heat exchange solutions to meet the specific needs of each customer.

<https://www.mbs-europe.com/en/>

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OMAC, a leading Italian company established in the 1980s, produces high-quality volumetric lobe pumps focusing on continuous improvement and customer satisfaction. With a dedication to excellence and innovation, OMAC delivers reliable pumping solutions meeting the highest standards.

<https://www.omacpompe.com/en/>

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Willmes, synonymous with top-quality agricultural machinery since 1918, manufactures high-quality wine presses with German engineering expertise, setting the standard for grape processing worldwide. With a focus on quality and innovation, Willmes delivers press systems that deliver quality in grape processing.

<https://willmes.de/?lang=en>



## Saniquip Service & Maintenance

With our in-house engineering capability and strong relationships with specialised contractors Saniquip are able to offer our clients assistance with equipment servicing, installation and commissioning, breakdowns and even on-site audits.

## Spare Parts and Maintenance

Saniquip have been supporting clients in the wine, brewing, dairy, pharmaceutical and food & beverage industries with spare parts and experienced aftermarket support for more than 12 years. We carry substantial stocks in our Auckland warehouse and pride ourselves in our prompt order processing and despatch.

### OEM Spare Parts:

- Aerre Inox
- Alfa Laval
- Ampco
- Bardiani
- Boyser
- Cipriani Harrison
- CME
- CSF Inox
- Dasic
- Goetze Armaturen
- ITT Pure-Flo
- J.A.
- Kelvion
- King Lai
- Fratelli Laveggi
- Liverani
- M&S Armaturen
- Max Müller
- MBS
- MecGem
- Mono/NOV
- OMAC
- Pentair
- PerMix
- REDA
- Rubberfab/Garlock
- Venair
- Waukesha
- Willmes
- Ygros
- Zambelli
- Zimmerlin

*NB: Saniquip cannot provide guarantee for any parts not ordered through Saniquip.*

## Flowtrend Alternative Spares

Discover **Flowtrend**, our trusted partner for reliable and cost-effective alternative fluid handling solutions. As a leading manufacturer, Flowtrend is committed to providing high-quality products that meet and often exceed the standards of major OEM suppliers. With a global network of distributors, they offer fast delivery and responsive service to meet your needs promptly.

Flowtrend's offerings undergo rigorous quality control checks in accordance with our ISO 9001 certification, ensuring that they meet regional material standards for uncompromising quality.

### Hygienic Spares for Enhanced Efficiency

Flowtrend specializes in hygienic spares that provide an ideal solution for cost-effective maintenance. Our like-for-like alternative parts match OEM quality and are crafted using FDA-approved and batch-traceable materials. To simplify procurement, we adapt OEM part numbers and descriptions for easy integration into your systems.

### Unmatched Quality and Reliability

Comparable to OEM parts in every way, Flowtrend spares offer the following advantages:

- **Same** dimensions
- **Same** materials
- **Same** validation certification
- **Same** quality, and in some cases, improved quality
- **Same** performance and lifespan
- **Same** moulding, forging, and extrusion.
- **Same** manufacturing platform
- **Fully** interchangeable



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