

# Distillery

Premium equipment and consumables  
for the Distillery industry





# About us

At Grapeworks and Tanium we use our 20 years' experience to offer reliable service and advice. **We're more than a leading provider of premium consumables and equipment, we're your business partner.**

We have a wide range of packaging solutions for your spirit presentation.

Our Tanium Tech Services, servicing division, have technicians available for the installation and/or servicing and maintenance of your equipment.

Call 03 9555 5500 or email [info@grapeworks.com.au](mailto:info@grapeworks.com.au) for further information.



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## Servicing & Maintenance

Contact our Tanium Tech Services team for your equipment service and maintenance support on **03 9555 5500** or email [support@tanium.com.au](mailto:support@tanium.com.au)

# Equipment & Consumables

Grapeworks Tanium offer an extensive range of manual, semi-automated and fully automatic equipment to suit your production size.

Talk to our team about your production requirements and we can discuss what may suit now and into the future.





# Pumps

## EX rated pneumatic double diaphragm pumps

These pneumatic double diaphragm pumps have long been recognized as the most flexible pumps in the treatment of aggressive liquids, at variable pressures and flow rates. Manufactured in various sizes and with a wide range of choice of construction materials. Almost every type of liquid, from highly acid to highly alkaline, through paints, high viscosity glues, up to food products.

Model	Max flow rate	Delivery heading	Max Viscosity
PF30	35L/min	up to 70m	15.000cps
PF60	65L/min	up to 80m	20.000cps
PF120	120L/min	up to 80m	25.000cps
PF170	170L/min	up to 80m	35.000cps
PF400	380L/min	up to 80m	40.000cps
PF700	700L/min	up to 80m	50.000cps



## A wide range of pumps available, choose from.

- Impeller - Low Speed pump
- LOBE - Low speed pumps
- Mono pump
- Available in EX models

## Low Speed Impeller - Oenoflex

Variable Frequency Drive			
SeriesF	low	L/h kW	Speed RPM
LCE5/140	500 to 14000	1.5	50 to 850
LCE15/260	1500 to 26000	3	50 to 775
LCE25/400	2500 to 40000	4	50 to 775
LCE50/700	5000 to 57000	5.5	50 to 700

## Low Speed - LOB

Variable Frequency Drive			
SeriesF	low	L/h kW	Speed RPM
LOB100E	1000 to 13000	2.2	0 to 700
LOB200E	1500 to 22000	4	50 to 500
LOB300E	3000 to 33000	5.5	50 to 500
LOB600E	6000 to 64000	7.5/11	50 to 450
LOB1000E	8000 to 110000	11/15	50 to 450



# Filling Solutions

## EX Manual gravity filler

- 4 and 6 head Units.
- 500ml to 2L bottles.
- Articulated nozzles for insertion and removal of bottles.
- Options: Electric Level Probe, Pneumatic Pump, Plate & Frame Filter.

MFIL4 / MFIL6EP



## Bag in Box filler

- The machine automatically carries out the filling cycle: empty; filling; arrest; nitrogen injection.
- The operator selects the format and manoeuvres the extraction and insertion pliers of the cap, following the progress of the various phases on the display.
- The format change is immediate, you only need to key in the desired capacity.
- 4500ltr / hr

BB20



## Semi-automatic rotary filling monoblock

- 6 valves rotary filler for gravity filling, pneumatic lifting of the bottles, automatic movement.
- Manual caps distribution
- Switchboard with outlet for pump, controls and safety guards in compliance with standards
- 400BPH

EURO 2012VE



## Semi-automatic vacuum filler

- 4 valves vacuum filler, built in stainless steel AISI 304
- Pneumatic bottles lifting with drop-down timer
- Push button operation
- Predisposition for connector to the pump

PG 2010-B4V



## DOSA-2N

Inert gas dosing unit with two dosing valves



## Monoblock Gravity Filler

Semi-automatic 4 valve monobloc with T-Stopper applicators.

- 4 valves filler for gravity filling, pneumatic bottles lifting with drop-down timer and predisposed for pump connection, with stainless steel liquid inlet valve controlled through electrical floater.
- Pneumatic corker machine for T-top corks with buttons operation.

PG2010/M6GT



# Capping Solutions



## Manual Crown Sealer

Simple to use for small capping jobs.  
Up to 300 BPH

**MCROWNER**

## Pneumatic Crown Sealer

Benchtop capping unit  
Up to 300 BPH

**BTC5500**



## Capsule spinning for poly laminate and tin capsule

Capsule Roll-On Head On Pedestal or Bench Top Unit. Suitable for applying poly laminate/tin/aluminium capsules and set up for the possible capsule flat-roll attachment.

**BTCAPSPIN**



## Capsuling for heat shrink PVC capsules

- Manual machine for closure of heat-shrink capsules
- Adjustable working temperature

**BTPVCCAPSHRINK**



## Electric/Pneumatic Screw Capper

Free Standing Screw Cap Applicators, feature full Stainless Steel Head.

- Bottle range 250ml to 2L.
- Bench Top Screw Capper available.

Up to 500 BPH.

**PG2010**



## Semi Automatic Corker - T-stoppers

Free Standing Wheeled semi-automatic corker machine in stainless steel

- Pneumatic bottles lifting and push button operation
  - Automatic distribution of the corks into the chute
  - Suitable for one format of cork
  - Pneumatic operation
- Up to 300 BPH

**PG2010-T**





# Bottle Rinsers

## TARDITO

Tardito manual & semi-auto models come in 4, 10 and 20 outlets. Each model is available in 4 configurations:

- Straight water/liquid rinse with filter housing (connected to water/liquid supply, waste goes to drain)
- Straight air/gas rinser
- Water/liquid and air/gas rinse – (water goes to drain)
- Water/liquid with recycling pump, tank and filter.

For gas rinse option use air, nitrogen, CO2 etc. No bottle - no rinse.

700 to 1200 BPH.

Semi-auto air rinse available.



Water Recycling Tank

SM4R

SMP4



Water Recycling Tank

TARTP10

TARTP10/R

# Bench Top Labellers

## Label Application Model 362 for Cylindrical Containers

Apply labels faster and Labels are perfectly applied without wrinkles, giving your finished products a highly professional look.

- It can apply one or two different labels to a single container.
- A built-in LED counter and memory for up to nine front-to-back label offsets is also included.

Accurately at speeds of up to 1200 per hour.

AP362



## Label Application Model 550 for Flat Surfaces

Semi-automatic label applicator that makes it fast and easy to precisely apply product and identification labels onto a wide range of flat surfaces such as rectangular or tapered bottles, boxes, packages, bags, pouches, lids, tins and much more.

- Labels are applied straight without wrinkles or folds in exactly the location desired giving the finished products a highly professional look.
- up to 500 labels per hour.



**NOTE: these labellers will NOT do tapered bottles.**

# Filling - Automatic

## GT Filler

The GT filler's specification is fully customisable. Choose from:

- IECEX available on request
- Gravity filling
- Vacuum filling for greater speed
- Option to have up to 3 closure applications on single star wheel
- Option to include a bottle rinser

Options include:

- Cork
- ROPP/Stelvin
- Crown seal
- GPI screw cap or;
- Glass and cork T-top stoppers
- 8 Head from 450 – 1400 BPH
- 12 Head from 1500 – 2000 BPH
- Nitrogen Insertion Nitrogen in tank

Bottle sizes can be specified from:

- Ø55mm by 240mm high through to Ø115mm by 380mm high
- Quick, simple changes between bottle sizes with minimal change parts.



## Example of a GT spirit line in Melbourne



### Turn key installation, included:

GT Tribloc 8 head Filler

- 1200BPH
- Capper for T-corks
- 9 head rinser

Loading table & motorised outfeed table

CDA Twin S labeller

CDA Capsule applicator

Videojet inkjet coder

Carton Sealer



## Alfatek

Alfatek produces stand-alone fillers for glass, PET and can containers, as well as complete bottling and packaging lines with customized operating stations based on customer needs. They are one of the most qualified industrial companies in the sector, offering experience, specific know-how and high technological potential within their range

of innovative products. Available in low pressure, vacuum or volumetric filling with bottle rinsing and AROL closure applicators.

**SLP range (Spirit low pressure) Spirits**



Available with options including rinsing bottles, nitrogen injection before filling and capping, filling via low pressure or volumetric and inserting closure application to suit your needs.



## Alfatek filling installation for the wine industry in Tasmania



# Linear Labellers - CDA



CDA has been specialising in bottle labelling since 1991 and is recognised internationally for its specific know-how and machine innovation.



## Lystop 2 Auto Labeller

The Lystop Automatic labelling machine has options for capsuling or hooding. 3 label dispensing heads.

**Up to 2500 BPH.**



## Ninon Side

The Ninon Side combines the quality of the three points labelling technique to a production rate reaching up to 60 products/minute. With up to 2 parallel labelling stations, the Ninon Side enables to label the sides of square, rectangular, and ovalized products.

**Up to 3600 BPH**



## Ninette Auto Labeller

The Ninette Automatic labelling machine is an affordable entry level labeller with motorized conveyor and collection table. Options available for 1 or 2 dispensers able to apply 1 to 3 labels depending on configuration.

**600 to 800 BPH.**

# Rotary Labellers - KUBE

The Kube labeling machine is suitable for packaging lines from 1,000 to 25,000 BPH with the application of adhesive labels, cold glue, hot melt glue or mixed.



The Carousel can be equipped with multiple fixed labelling stations or mobile modules. The touch screen interface is provided with user friendly software and remote control system. All the process parameters can be controlled from any device, tablets and smart phones.

**Models: K20 K50 K60**



# Packing



## Mobile Conveyor System

This conveyor will work seamlessly with any box sealing machine, simply push your un-sealed box through the machine and it will roll to the desired location or the next machine.

- Gravity conveyor
- Extendable
- Height adjustable
- Locking wheels

Width	500mm
Length	1500mm - 4500mm
Height	500mm - 800mm

EXE-103



## Uniform Carton Sealing Machine

Fast and efficient, this automatic carton taping machine is guaranteed to increase productivity. Featuring a rugged steel construction designed for round-the clock operation.

- Easy to operate
- Top drive system
- Seals top and bottom
- Self adjusts to incoming box size
- Stand alone or inline.

FCS-10R Carton Sealing Machine

## Semi-Automatic Pallet Wrapping Machine

This force-to-load stretch wrapping machine is the perfect entry point to automated pallet wrapping. Featuring a pre-programmed, one-button operation, it can be operated with zero experience and is ideal for businesses wrapping 1 - 20 pallets per day.

- Automatic one touch operation
- Automatic pallet height detection
- Soft start and stop for light loads
- Adjustable film tension

FSW-10 Pallet Wrapping Machine



## Pallet Table

### Pneumatic height adjusting rotation pallet table

Loaders are designed to eliminate bending by automatically raising & lowering pallets during loading or unloading of goods by hand without using springs, motors or hydraulics.

Loaders also allow easy pallet rotation for near side loading to avoid reach strain.

Pressure gauge, air fill & bleed valves that provide up to 1200 psi adjustment.

EZ30



# Conveyors & Accumulation



End of Line Accumulation & Carton Packing Table



Multi Lane In-feed Accumulation Conveyor



Conveyor Cross-Over Transfer



Rotating In-Feed & Out-Feed Accumulation Tables



First In First Out Conveyor Accumulation Table



90° Corner for Carton Conveyors

# Carton Weight Checker



## Automat Carton Weight Checker

Designed to check the weight of full boxes in transit on the carton conveyor. Extremely simple to set carton weights directly on the touchscreen or simply pass a full carton over the scale unit and use the self-teach function.

Weighing down to 50g on a full carton allows you to check accurately for missing bottles or low fill bottles inside the carton. Complete unit with incorporated carton ejector, integrated alarms and conveyor stopping features.



# Chillers

Winus offer a large range of high quality chillers designed to deliver reliable and consistent cooling and warming solutions for the beverage industry.



A large range of standard units capable of handling from the smallest volumes up to 260,000 Litres.

- Fermentation at controlled temperatures
- Tartaric precipitation
- Heating of wines for malo-lactic fermentation



## Tube In Tube, Immersion Coils & Plate Heat Exchangers

Tubular heat exchangers are composed of two concentric tubes in which thermal exchange occurs in between the product that flows through the internal pipe and the refrigerant that runs through the external pipe. These heat exchangers permit rapid lowering of product temperature and are designed for the working of fluid substances such as viscous substances like destemmed or crushed grapes and other fruit.



## Steam Sanitiser

VaporOne is an industrial high powered, high temperature steam (vapor) generator specifically designed for cleaning, decontaminating, and sterilizing bottling lines, filtration and microfiltration systems and stainless steel tanks. Also perfect for removing tartar residues from stainless steel tanks. It produces temperatures of over 104°C. Available from 20 to 60kw. Incorporates a 10 litre stainless steel boiler with automatic

refilling for constant and continuous steam flow. Combined with a micro-processor the system features internal boiler temperature, pressure, water ingress control. VaporOne saves water, energy, labour and leaves equipment and machinery sanitized without chemical residues.

VAPOR20KW



# Tanks - Speidel



- Perfect manufacturing and weld seam quality
- Inner surface with IIId (2R) finishing
- Perfect surface for easy cleaning
- Seamless and hygienic manhole
- Vulcanized sealing - odourless for best hygiene
- Flawless primary material
- 25 years Speidel tank warranty
- In best, reliable Speidel quality – for 100 years

## Variable capacity tank: FO

Equipped with racking outlet, bottom outlet, floating lid and crane.



## Transportation & tipping tank: KO

Equipped with flat bottom and forklift profile for safely moving and tipping.



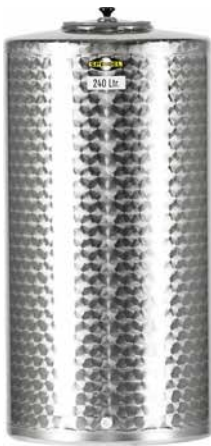
## Storage, transportation & stacking: ST-T

Up to three of the tanks can be stacked on one another even when filled.



## Storage tank - BD

Ideally suited to small quantities and fully fermented beverages from 100 to 320 litres.



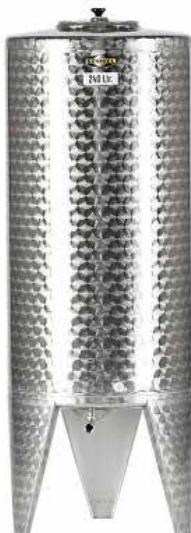
## Closed tank - FS-MO

Upright storage tank. Can be combined with the corresponding stacking tank AS-MO. Equipped with Manhole, racking and bottom outlet and sampling outlet. Standard with spout (Optional hinged lid).



## Storage tank - FD

Equipped with weld-on stainless steel legs and bottom outlet. Top and bottom are both vaulted. Available in 100 to 625 litres.



## Rectangle Closed Tank - RS-MO

Rectangular tanks are the ideal solution for small, narrow spaces. They fit perfectly, have curves that are easy to clean and have flawless weld seams. Enjoy optimal fit with best hygiene and easy cleaning. Also available in square format.



## Tank Options

### THREADED SLEEVE FOR THERMOMETER

Available in 125mm and 250mm.

### FLOATING LIDS FOR VC TANKS

With VC seal, air hose, pump & airlock.

### CRANE

Optional cable pull or hand winch for floating lids.

### HINGED LID

Option of location in the centre of the tank top, forward position or upright forward position.

### MANHOLE

Seamlessly molded out of tank shell. Vulcanised with butterfly bow and hand wheel.

### MASH DOOR

Available in two sizes.

### LEG EXTENSIONS

Discharge height from 600mm-1000mm.

### ADJUSTABLE FEET

Tank legs with adjustable feet for sloping floors.

### PE BASE FOR TRANSPORTATION & STORAGE

Accessible by forklift or pallet truck. Suitable for flat bottom tanks.

### JUICE EXTRACTOR SIEVES

Large surface available in 650ml & 900ml. Easily removable. (Fill level indicator required.)

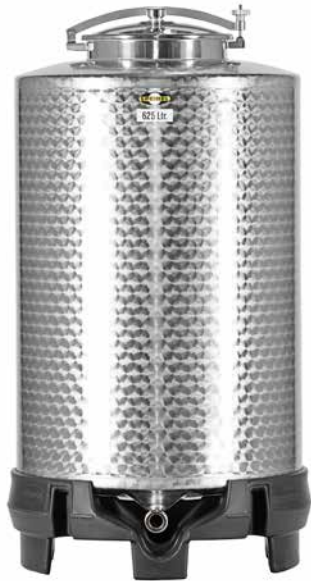


# Tanks - Speidel

## Multi-compartment tank - MSMO

Don't reduce volume! Save on height! Speidel's multi-compartment tanks MS-MO have perfectly connected multiple tank compartments. In case you wish to obtain a perfect look even in case of different individual tank capacities, the MS-MO is first choice!

Up to three compartments available per tank.



## Distilling mash tank FD-B

For high quality distilleries the mash tank FD-B is a must-have. In order to turn fine fruits into fine liquor, the mash needs to be processed professionally. This is where Speidel comes into play, because good mash simply needs a good tank.

The tank's plastic base for transportation and storage guarantees the tank's easy and safe handling. Due to the base the tank is, of course, accessible from underneath by forklift/ pallet truck.



## Tank Accessories

**DISC VALVE WITH SECURITY LOCKING DEVICE**  
With chain.

**BALL VALVES WITH SEALING CAP WITH CHAIN**

**SAMPLING TAP**

**BI-METAL DIAL THERMOMETER - 100MM**  
L = 125mm and 250mm

## Black Eye

The Black Eye provides a gentle and well controllable fermentation. Due to its unique shape, the yeast can circulate smoothly during the fermentation phase. In science it is assumed that this free circulation is an advantage for the entire aroma spectrum.

In contrast to a concrete fermentation barrel, Black Eye guarantees the necessary hygiene. Thanks to the perfect welding seams and the highly smooth inner walls, the fermenting chamber is also very easy to clean.

**Capacity: 625 or 1000L**



# Variable Capacity (VC) Tanks

## Standard Flat Bottom

High quality Stainless Steel VC tanks made in Italy. Range of flat bottom VC tanks with floating lid and tank kit. Sizes ranging from 100 litres to 1,500 litres. Tanks inner are mirror polished for easy cleaning.

Call For VC Tanks over 1500L.

Capacity	100L	230L	330L	530L	1000L Short	1000L Tall	1500
Diameter mm	470	620	620	750	1020	940	1020
Height mm	800	820	1160	1270	1400	1500	2000
Seal Size mm	450	600	600	700	1000	930	1000
Outlet mm	12	25	25	25	25	25	25

\*It is the purchasers responsibility to use the appropriate tank for high ethanol % as per Australian Standards.



## VC Seals and Pumps



### VC Seal Pump

VCPUMP

### VC Tank Valves

VC Tank Venting Valves

38mm Ø / 46mm Ø

### VC Tank Seals

Complete Range of Replacement VC Seals.

Seal sizes available (mm)			
VCSEAL300	VCSEAL350	VCSEAL380	VCSEAL420
VCSEAL437	VCSEAL500	VCSEAL550	VCSEAL600
VCSEAL640	VCSEAL650	VCSEAL700	VCSEAL720
VCSEAL750	VCSEAL800	VCSEAL850	VCSEAL900
VCSEAL915	VCSEAL930	VCSEAL950	VCSEAL1000
VCSEAL1100	VCSEAL1150	VCSEAL1170	VCSEAL1200
VCSEAL1250	VCSEAL1300	VCSEAL1350	VCSEAL1400
VCSEAL1500	VCSEAL1550	VCSEAL1600	VCSEAL1700
VCSEAL1750	VCSEAL1800	VCSEAL1900	VCSEAL1970
VCSEAL2000	VCSEAL2100	VCSEAL2200	VCSEAL2400

## Hose

Extra-flexible mandrel built S/D hose suitable for drinking water, wine, alcoholic drinks, alcohol up to 92%, fruit juices, non alcoholic drinks, oily and fatty foods, milk, yogurt and dairy products.

Complying F.D.A standards. Free from phthalates.

Code	Inner	Wall thickness	Outside Diameter	Weight	Vacuum rating	Bend radius
	mm	mm	mm	kg/m	mm/Hg	mm
HOSE25GBS3	25	6	37	0.75	0.9	55
HOSE38GBS3	38	7	52	1.25	0.9	80
HOSE50GBS3	51	7	65	1.61	0.9	110

**Tube:** White smooth odourless and taste-free butyl rubber, food quality

**Reinforcement:** High tensile textile plies, helix wire embedded

**Cover:** White, weather, ozone, fats and abrasion resistant rubber, fabric

**Working Pressure:** 10 bar

**Nominal Burst Pressure:** 30 bar

**Temperature:** - 20 °C + 90 °C. Can be sterilized at +130 °C for max. 30 min. with peaks up to 150 °C





# Hose, Tank, Pump and other fittings

A Complete Range Of All Fittings Are Available PLUS Custom-Made To Order

## Stainless Steel

### IMMERSION PLATES

VC Cooling plates. 800, 1000 & 1200mm.

### STRAINER

Strainer - 1,200mm long x 150mm ø.

### PRESSURE GAUGES

Diaphragm & standard.

### SPANNERS

BSM Spanner and "C" Spanner 25, 38, 50, 63, 75 & 100mm.

### SPRAY BALLS

38, 40, 50 & 63mm BSM fitting.

### DIP TAPE

10 & 15m.

## Other Fittings

### Adaptors

Converting one fitting type to a different type. Available in BSM, BSP, Triclover and Camlock to different fitting.

### Reducers

Converting one size fitting to the same fitting in a different size.

Available in BSM, BSP, Triclover and Camlock fittings in sizing 25, 38, 50, 63, 75 & 100mm.

### Joiners

Same fitting both ends, ideal to join hoses. Available in BSM, BSP, Triclover & Camlock fittings.

### Elbows 90° & 45°

Available in BSM, BSP, Triclover & Camlock fittings.

### Junction

Connect 3 or 4 hoses via "Y" or "T" style junction. BSM, BSP, Triclover & Camlock fittings.

## Valves

### Ball Valve

Available in BSM, BSP, Triclover & Camlock fittings.

### Butterfly Valve

Available in BSM, BSP, Triclover & Camlock fittings.

### Sample Valve

Available in BSM, BSP, Triclover & Camlock fittings.

## Hose fittings

### Hosetails

Available in 25, 38, 50, 63, 75 & 100mm hosing.

Available in BSM, BSP, Triclover & Camlock fittings.

Ability to have 25mm hosing with 38mm fitting.

### Hose Clamp or Band-it Clamp

Clamps for securing hosetail to hose.

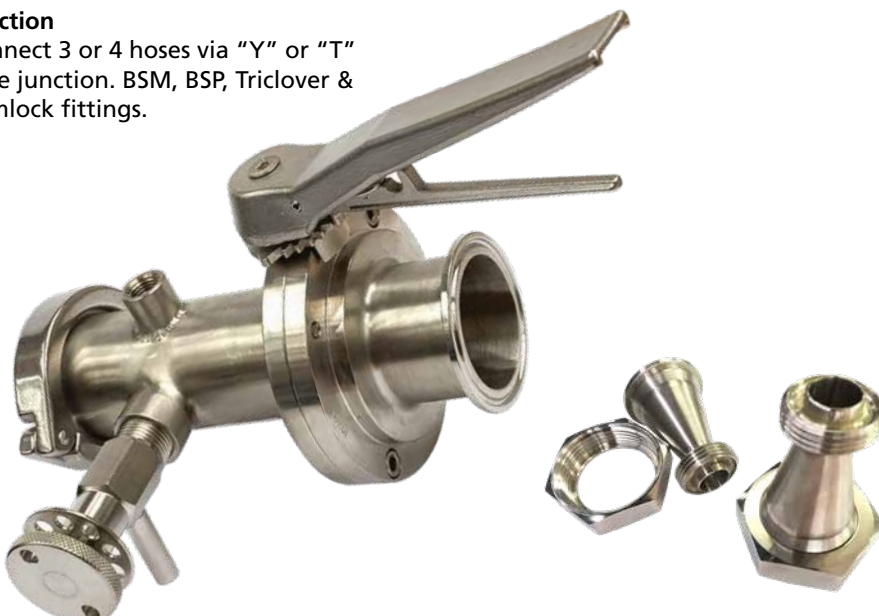
Available in 25, 38, 50, 63, 75 & 100mm hosing.

### Triclover Clamps

Available in 25/38, 50, 63, 75 & 100mm.

### Seals

Available in 25/38, 50, 63, 75 & 100mm BSM O'Rings.



## Capsules - Tin



### Custom Tin Capsules

Tin capsules are spray painted to give a depth of colour and high quality finish.

Capsules can be custom made with blind or inked embossing and silk screen printing.

- Option of tear tag for easy opening



## Capsules - Polylaminate

### Custom Polylaminate Capsules

Custom made capsules available in heavy weight polylaminate. The choice of finishes offered include blind or inked embossing, printing with matt, gloss and satin colours along with hot foil stamping.

- Option of tear tag for easy opening

#### Specifications:

27.5mm up to 34.5mm

from 45-65mm height

Other sizes available on request.



### Labels Tin

#### Applic Etains - impact & enhance your brand

Available in Pewter, Matt and Bright Gold, Copper and Bronze. Other colours on request.

Different appearances can be created ie: antique look in gold, old copper or bronze. Can be supplied on rolls for labelling machines.





# Bottle waxes & machinery



## Shellac Sealing Wax

Sincera shellac sealing wax, is perfect for sealing bottle corks. It's easy to remove, does not crumble and can be cut with a knife. Available in a large range of stock colours, metallics, and even special colours made upon request. Sincera wax is compatible for use with the waxing machines shown below and other devices for the application of wax seals.

View the range of stock and special colours at [Grapeworks.com.au](http://Grapeworks.com.au)



## Bottle Waxing Machinery

### Manual sealing machine using shellac or sealing wax

**Sincera 1: One bottle model.**  
The machine, specifically designed for small to medium sized waxing runs. It has a thermostat for temperature regulation; a rotational system so the bottle is in a constant spinning motion during immersion. Both the immersion and emission of the bottle in the wax container is manual.

**Production rate:**  
Approx 100 BPH. Size range: from 750ml to 6L.

Four bottle model and fully automated wax sealer also available.  
Call for details.

### Semi & fully automatic wax sealing machine

**Sincera 2: Two bottle model.**  
Manual timers allow for both immersion and cooling times and a thermostat maintains the temperature.

**Production rate:**  
Approx 200-250 BPH.  
Size range: from 750ml to 5L.

Watch the Sincera Wax Sealing machine in action:  
<https://vimeo.com/434543139>

## Wax strips

Under wax strips for easily opening. Several types of strips are available:

- Plasticized paper
- Woven textiles
- Machinable reel



## Personalised Brass Stamps

Personalised brass stamps are available on request, with your logo. Can be applied manually or automatically via the Sincera 2 or 4.

WAXSTAMP



# For a fast, precise and controlled ageing

**Boisé® Spirits is a complete range of high quality French oak products for your spirits.**

Based on 25 years of expertise, Boisé oak products offer you an efficient technology to accelerate the aging of your spirits and reduce the sensation of fire.

Rigorously selected and toasted, combining repeatability and precision, Boisé® oaks offer you a wide choice. You will be able to create a new range of profiles in a simple, quick and economic way.

**Extend the life of your barrel with the Boisé® barrel inserts.**

## #20.1iN SELECT



VANILLA



VOLUME



STRUCTURE

**Vanilla style barrel inserts with volume and structure in mouthfeel**

## #20.3iN SELECT



SPICES



VOLUME



STRUCTURE

**Spicy style barrel inserts with volume and structure in mouthfeel**

## #20.5iN SELECT



TOASTED AROMAS



VOLUME



STRUCTURE

**Toasty style barrel inserts with volume and structure in mouthfeel**

## #20.V0iN SELECT



FRUITS



VOLUME



STRUCTURE

**Fruity style barrel inserts with volume and structure in the mouthfeel**

## #20.FRiN SELECT



FRUITS



FRESHNESS



STRUCTURE

**Fruity style barrel inserts with volume and freshness in the mouthfeel**



A chain of 16 staves connected with food grade plastic ties and an eyelet hook included for attaching to the barrel bung, delivering about 30% new oak contribution of a new 225L barrel.

**Call for the FREE trial kit.**



Boisé oak products are made from PEFC certified French oak, rigorously selected, analyzed and toasted to guarantee repeatability and precision. Boisé® France, production site, since 1996, is certified ISO50001.

By choosing Boisé®, you engage in sustainable development







**BOISÉ® SPIRITS** is a range of oenological woods adapted to the world of spirits and designed as a tool for creating new spirit drinks and cocktail recipes. Choose the references most adapted to the profile you are looking for, let it soak and enjoy!



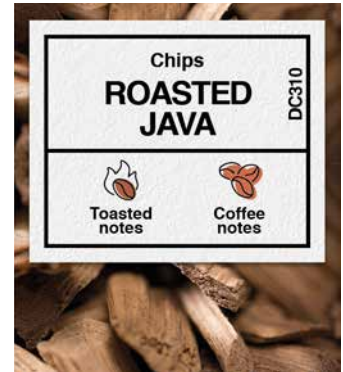
**DC180**  
A flavor enhancer, which accentuates the delicate vanilla and sweet notes.



**DC190**  
An elegant warm sensation accompanied by aromas of sweet and milky mocha.



**DC210**  
Tasty, sweet, wood fire smoke.



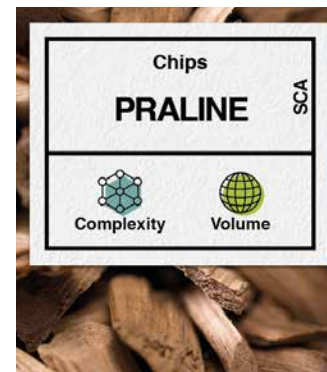
**DC310**  
Notes of black coffee, hot caramel and light nutty flavor.



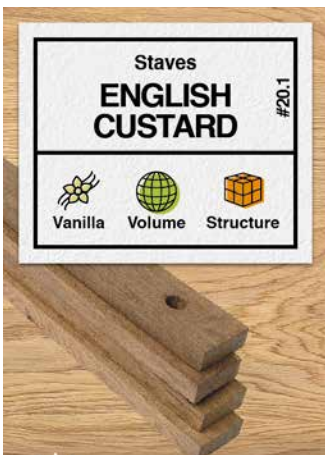
**PREMIX T**  
A light, clean caramel profile with a lingering, round, warm finish.



**SC180XL**  
Pleasantly soft aromas of toast with a buttery and sweet roundness.



**SCA**  
Mouth with aromas of caramelized nuts, roasted, with notes of vanilla.



**Staves #20.1 (20mm)**  
A rich, well-integrated vanilla palate with a smooth, mellow oak profile.



**Staves #20.3 (20mm)**  
Silky mouth with aromas of caramel and warm notes of sweet spices.



**Staves #20.5. (20mm)**  
Elegant profile with notes of caramelized sugar, butterscotch & nuances of molasses.



**Staves #20.HD (20mm)**  
A complex blend of dried fruit, nutty and tobacco aromas.

# Barrels



## The Gamba Range

Located in Castell'Alfero d'Asti, the heart of Monferrato, the Gamba family has handed down the ancient art of the master cooper from father to son for seven generations.

As early as the 1800's, oval and round casks, along with barrels and vats were being built in the skillful craftsmen's workshop for Italy and its neighboring countries.

Available in French, Hungarian, Slovenian & American Oak.

- Barrel Sizes – 115, 225, 228, 300, 350, 500, 600, 700L.
- Casks/Foudres/Botti in sizes from 1,500L to 6,500L.
- Oak Fermenter in sizes from 1,100L to 5,400L. Option of water and fire bent staves for barrels.



## Single Rotating Barrel Stand

### Bottistop Barrel Stand

The barrel stand is lightweight with specially designed rollers to make barrel processing and or cleaning, easier.

**BBSSTAND**



## Valenche Whisky thief

Spirit Sampler

**VBENTSS**



# Silicone Barrel Bungs

Large range of Bungs. Available in Natural colour.



**Recessed Bung #2**

**GBR-W/R/V**

**Solid Bung #2**

**GBS-W/R/V**

**Reverse Taper Bung #2**

Reverse Top Taper, recessed. Dual use, for sealing and fermentation.

**GBRT-W**

**Fermentation Bung #2**

Gas release nipple.

**GBFN-W/R/V**

**Open hole version #2**

For use with airlock bubbler.

**GBFH-W/R/V**

## SMALL BUNGS

**SUITABLE FOR SMALL SPIRIT BARRELS AND DEMI-JOHNS**

**Fermentation Bung #1**

Small Bungs.

Open hole version.

**GB1FN-W**



**Solid Bung #1**

**GB1S-W**



**Airlock Bubbler**

Ferment Bung Water trap bubbler.

**GBBUB**





# Batch & Date Coding

## Ink Jet & Laser Printers

Designed with a focus on effortless marking and coding experience, the Videojet range of printers deliver lasting uptime during everyday operation, while minimizing operator errors and reducing total cost of ownership (TCO).

Videojet can print on bottles, labels and boxes and have a range of printers depending on what you need to code and print.

**Backed by Molenaar Australia, you will have peace of mind for service and consumables.**



### Smart-Jet® DUO MAX

When your printing requirements require the maximum coverage area. Paired with the DUO Controller, the Max gives you the opportunity to code 1" tall messages on both sides of a product!

- Print everything from text, counter, box/lot and expiration date to Julian date, shiftcode and barcodes.
- Benefit of free-design within a 1" template area.
- Advantage of printing online data and integrating with other devices such as a PLC, camera and checkweigher.

### Smart-Jet carton printers

Simple carton printer for print direct on one or two sides of the carton. DUO MAX giving 1" of print area. Easy to set up with a large 7" touchscreen.



## Centrifugal Mill

The Speidel centrifugal mill cuts the fruit in an ideal manner: not too coarse and not too fine – to guarantee the highest juice yield for ciders.

The mill is easy to fill allowing an output of up to 1,000 kilograms per hour. Cleaning is simple. 2.2 kW power, no rust, certified food safe. Made in Germany.

**SPCMILL**



## Hydropress 180ltr

The Hydropress presses quickly and easily grinds fruit, grapes, berries, tomatoes and citrus fruit. Fill up the Speidel hydropress, turn the tap on and the pressure of the incoming tap water compresses the ground material against the mesh basket.

The rapid pressing and the short flow distance preserve the vitamins, the juice has a wonderful aroma and freshness. The high pressure applied achieves an exceptionally high juice yield even if the press basket is only partially filled.

**Available in stainless steel - 90 litres  
Aluminium cast - 90 & 180 litres**



# Filtration



## Sheet based Modules

### LENTICULAR MODULES (Nominal rated)

#### SUPRADisc II 12" (16" available)

The Pall SUPRADisc II sheet-based modules are based on a combination of surface, depth and adsorptive filtration. The sheets consist of cellulose matrix with very fine kieselguhr (DE) mixtures and perlite.

SUPRADisc II eliminate the disadvantages of stacked disc modules offering increased capacity, reliability, handling and robustness due to their rigid support casing. Each sheet of filter media is individually separated from the next, so they don't come into contact with each other eliminating blinding of the media and inefficient use of the filtration area.

SUPRADisc II is available in various rating to suit fine, polishing and coarse filtration. The modules are available in "C" – flat gasket and "S" – double o'ring fittings.

#### SDII

Sheet media type	Application	Examples of use
EKS, EK1, EK, KS 50, KS 80	Fine Filtration	Microorganism reduction and yeast removal in wine Microorganism reduction in beer with moderate to high microbial load Final filtration of juice and juice concentrate prior to bottling Microorganism reduction in sugar syrups Microorganism reduction in enzyme solutions
K100, K150, K200, K250, K300	Polishing Filtration	Polishing filtration of wine Microorganism reduction in beer with low microbial load Fine filtration of beer and yeast removal Fine filtration of beer following DE prefiltration Polishing filtration of beer Prefiltration of juice prior to final membrane filtration Haze removal in apple juice before bottling Polishing filtration of sugar syrups Polishing filtration of enzyme solutions Polishing filtration of thick liquor gelatine
K700, K800, K900	Coarse Filtration	Clarification of wine Particle removal in fruit juice Prefiltration of juice concentrate Polishing filtration of olive oil Clarification of enzyme solutions Clarification of thin liquor gelatine
AKS4	Colour and flavour correction	De-chlorination of water Correction of off colour, flavour and odours in distilled spirits Decolorization of sweetener and sugar syrups Colour correction in juice and beer applications Gelatin decolorization and deodorization

## Filter Sheets

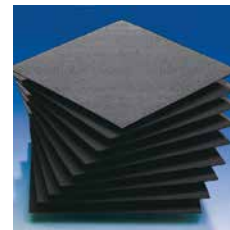
### PLATE & FRAME FILTER SHEETS

#### SEITZ Filter Sheet 40cm x 40cm

Seitz K Series depth filter sheets designed for microbial reduction and applications requiring fine, clarifying and coarse filtration.

Boxes of 100 sheets, internal packs of 25. Minimum order 25 sheets.

#### SPK



### Lenticular module housings

Pall stainless steel module housing available in 1 to 4 modules high, in a 12 or 16" module format. High quality internal surface finish, electropolished.

12" SS (Single Stack)

12" SS (2 Stack)

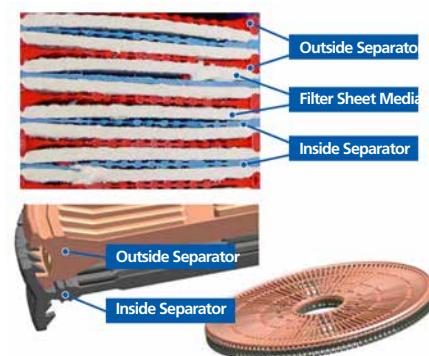
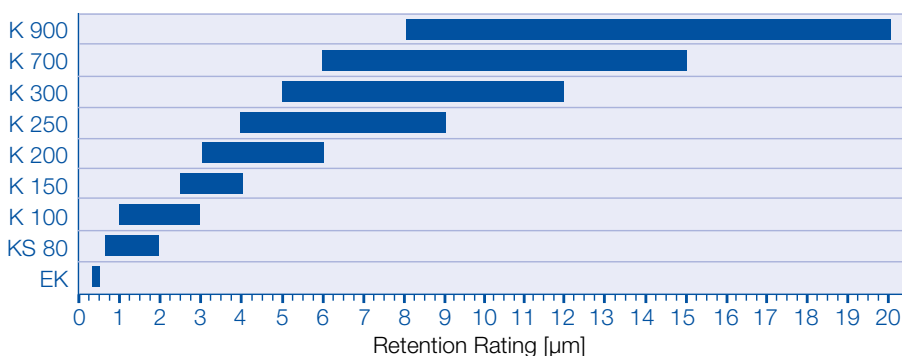
12" SS (3 Stack)

#### P28

Stainless steel in & out feed connections and pressure gauges available on request.



### Relative Retention Rating 1 - For Lenticular and Filter Sheets





# Filtration

## Cartridge Filters

### NOMINAL FILTERS – 90% Efficiency (Beta 10)

Available in 10", 20" and 30" cartridges  
Fittings available in DOE – double open ended flat gasket  
SOE – single open ended double o'ring with bayonet fittings

### NEXIS T

Robust melt blown depth filters designed for rigorous clarification and particle reduction.  
Removal rating from 0.5um to 200um

### NXT



### POLYFINE II

A pleated all-polypropylene depth filter for particle removal with high contaminant holding capacity.  
Removal rating from .25um to 30um

### PFT



### ABSOLUTE FILTERS – 99.98% Efficiency (Beta 5000) Single Open Ended

Available in 10", 20" and 30" cartridges  
Fittings available in SOE – single open ended double o'ring with bayonet fittings

### PROFILE STAR

Pleated depth filters designed for high particle and gel removal.  
Ideal for pre-filtration.  
Removal rating from 1um to 20um

### AB.A0



### OENOCLEAR II

Liquid crystal polymer on cellulose substrate excellent for yeast and colloid reduction making it ideal for wine tanker filling, final polish filtration in the cellar and protection of downstream membrane filters.  
Removal rating of 0.8um

### AB.S17

## Modules

### Backflush Support Set-SD

SUPRADisc II modules may be regenerated in the reverse flow direction (back-washed), to improve the regeneration efficiency with the use of a backflush set consisting of supporting discs and intermediate distance discs.  
SupraDisc II modules can be back-flushed either with water or product in order to remove contaminants and prolong their life.

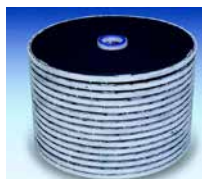


### P28-GFY

### SUPRADisc AKS 4 Modules

SUPRADisc AKS 4 modules were developed to satisfy general purpose carbon adsorption applications in the food and beverage industry.

- Dechlorination of water
- Correction of off color, flavor and odors in distilled spirits
- Decolorization of sweetener and sugar syrups
- Gelatin decolorization and deodorization



### SUPRApak

An additional solution used for chill haze removal. With "edge flow" technology the distilled spirit has



# Cartridge Housings

## Stainless Steel

Sanitary housing with enhanced cleanability and microbiological safety due to crevice-free, polished and hygienic design. Suitable for Code 7 absolute rated cartridges. Ideal for pre-filter and membrane filtration

10" – Code 7 (Single)

SAS011G23J-S

30" – Code 7 (Single)

SAS013G23J-S

30" – Code 7 (3 Cartridge)

SASM033G31JV-S



## Polypropylene

Suitable for nominal, double open ended, flat gasket cartridge filtration.

SCO 10" – DOE - 3/4" in/out feed

SCO10U34

LMO 20" – DOE - 3/4" in/out feed

LMO20U34



## Cartridge Fittings

Flat Gasket Fitting  
Code 7 Fitting SOE  
Double O Ring Bayonet  
Stainless steel in/out feed connections and pressure gauges available.



Stainless steel in & out feed connections and pressure gauges available on request.

# Handling & cleaning tools

## FOOD GRADE PLASTIC

### Shovel Slotted **HC28/56035**

White with drain holes.

### Bucket **HC28/56865**

White 12L.

### Round Scoop **HC28/56805**

White 2L.

### Bucket Seamless

12L Stainless steel **HC68/20730**

9L Stainless steel **HC68/20729**

### Paddles

L handle S blade with holes

**HC28/70125**

### Tank Brush

Hard - White 210mm **HC28/70375**

### Scouring Pad Holder

White 235mm **HC28/055005**

### Scouring Pads

Soft - White 235mm **HC28/05525**

Medium - Blue **HC28/05524**

Hard - Brown **HC28/05522**

### Squeegee Holder

Classic white 600mm with black rubber **HC28/77545**

Classic white 700mm with black rubber **HC28/77555**

### Replacement Squeegee

Classic back 600mm width **HC28/77749**

Classic back 700mm width **HC28/77755**

### Floor Broom

White 610mm soft/stiff

**HC28/31945**

### Deck Scrub

Hard **HC28/70605**

### Handle Telescopic

Alum 1500-2750mm **HC28/029755**

### PP Hygienic Handle

Polypropylene - 1500mm **HC28/29625**

### Stainless Steel Measuring Jugs

500ml **HC69/20921**

1Ltr **HC69/20922**

3Ltr **HC69/20923**

### Bucket Pan and Brush

Large holding capacity **HC28/559618**

### Stainless Steel Scoop

250mm **HC69/20900**

1Ltr **HC69/20901**

2Ltr **HC69/20902A**

3Ltr **HC69/20902B**



# AIRD Cleaning

## AIRD SUSTAINABLE HYGIENE

Volume Discounts Apply. Aird products meet Food Codex and FSANZ. Approved for organic production by OFA.

### Allegro - Potassium Hydroxide Liquid **AIRDALLEG**

Clean and remove colour, protein and all organic soils, from stainless steel and hard and flexible surfaces.

**4kg Pk / 12kg Cube & 200kg Drum**

### Cleanskin - Alkaline Detergent **AIRDCS1**

Clean/remove, colour, protein or organic matter from stainless surfaces.

**4kg Pk / 12kg Pail & 200kg Drum**

### Linvasan - Tartaric Peroxyacid Sanitiser **AIRDL1**

Liquid. No taint / low odour. Effectively neutralise bacteria, yeast, microbes from stainless surface. No rinsing required.

**12L Cube, 200L Drum**

### Citsanex - Citric Detergent Biocide **AIRDCITSAN**

Single process cleaner and sanitiser.

**12L Cube & 200L Drum**

### Percitra - Citric Peroxyacid Biocide Liquid **AIRDPER1**

An acid-oxidising sanitiser of bacteria, yeast and microbes with a neutralisation of incidental surface chloride for stainless steel, HDPE/PP plastics, glass transfer hoses

**12L Cube & 200L Drum**

### Destainex - Peroxy-Alkaline Detergent **AIRDDS1**

Non-dangerous, odourless and doesn't taint. Removes protein stains, off odours and sanitises. Removes black mould from concrete

**4kg Pk, 12kg Pail & 200L Drum**

(Also available in low foam)

### Cleanskin K - Potassium Alkaline Detergent **AIRDCS1K**

**4kg Pk / 12kg Pail & 200kg Drum**





# Service and installation services

TANIUM Technical Services have over 15 years' experience installing, servicing and supplying to the wine, spirits and beverage industries.

- **Advisory services** Don't get caught out with a costly halt to production, our technicians can trouble shoot your equipment now, pinpointing and eliminating potential problems.
- **Installation**
- **Service** Experienced and qualified TANIUM technicians are available for the maintenance and service of presses and other machinery including pumps, destemmers, bottling, receival and sorting equipment.
- **Maintenance**
- **Repair**

The team can also provide project management for installation and expert advice when you choose to upgrade.



Contact the team today to book a service or to discuss your requirements on (03) 9555 5500 or email [info@tanium.com.au](mailto:info@tanium.com.au)



**grapeworks**  
CONSUMABLES

 **TANIUM**  
machinery & equipment

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[www.grapeworks.com.au](http://www.grapeworks.com.au)