

Venus[®] UNISHRINK

High Speed Automatic Shrink Systems

Venus[®] VT650S Shrink Tunnel

The microprocessor and solid state relays maintain precise conveyor speed and tunnel temperature. Adjustable flaps control airflow.

- Max. pack size (WxH) 600mm x 300mm#.
- Multi-language LCD touchpad control panel.
- 6 programmable automatic sealing cycles
- Adjustable tunnel temp. 85 - 200 °C.
- Adjustable speed motorised conveyor 2 to 12 m/min.
- Automatic cool-down and turn-off.
- Pack counter.
- Silicone-coated rollers can be fixed for PE.
- Lockable castor wheels.
- Power supply: 415v, 3ph, 50Hz.
- Use PVC, PP, PE and Polyolefin film 10 - 50 µm thick and microperforated PP film to 30 µm thick.



Venus[®] VH870L Automatic L-Bar Sealer

Features include:

- PTFE coated sealing bar (LxW) 870mm x 620mm.
- Maximum pack height 300mm.
- Max. film reel (Wxdiam.) 800mm x 300mm.
- 10 programmable automatic sealing cycles.
- Multi-language LCD touchpad control panel.
- Adjustable sealing temperature.
- Closed-circuit liquid cooled sealing bars.
- Automatic, motorised hood closing and re-opening.
- Electromagnet hold-down and automatic release.
- Sealing arm opening delay.
- Film waste re-winder.
- Adjustable conveyor height.
- Adjustable speed motorised conveyor to 19m/min.
- Emergency stop button.
- Safety shut-off.
- Pack counter.
- Lockable castor wheels.
- Suitable films: PVC, PE, PP and Polyolefins to 50 µm thick.

Venus[®] VH560L Automatic L-Bar Sealer

The VH560L has all the features of the VH870L (above) but has a 560mm long x 430mm wide sealing bar and a max. package height of 230mm #.

Up to 1500 per hour

Venus[®] VT450 Shrink Tunnel

The VT450 (right) has all the features of the VT650S (above) but the maximum pack size is (WxH) 410mm x 230mm#, it has 10 programmable automatic sealing cycles and the motorised conveyor speed is adjustable from 3 to 18m/min.

Venus[®] 6001LAC Automatic L-Bar Sealer

This L-bar sealer operates totally automatically receiving a continuous stream of packages from an infeed conveyor and dispatching finished packages to a take-away conveyor.

- Maximum package size (LxWxH) 610mm x 480mm x 200mm #.
- Automatic sealing bar height control.
- Centre seal automatically centres the seal mid-way between the top and bottom of the package.
- LCD multilingual control panel.
- 16 bit microprocessor.
- Stores 20 different programs.
- Pneumatically controlled PTFE coated sealing bar (requires air supply, 6 bar).
- Single and multi-pack mode.
- Adjustable conveyor speed, 10 - 30 m/min.
- Storage and read-out of statistics.



Venus[®] 6001LA Automatic L-Bar Sealer

The 6001LA (not pictured) is the same as the 6001LAC (above) except that the maximum package height is 150mm, and instead of the automatic film centre seal feature it has a manual control to centre the seal mid-way between the top and bottom of the package.



Venus[®] 500CS Continuous Side Sealer

The 500CS continuously seals the package side. A photo sensor detects the package length and activates the lateral sealing bar, therefore there is no limit to the package length. It also means higher output, less waste film and lower costs.

Features include:

- Maximum package size (LxWxH) unlimited x 500mm x 200mm#.
- Alpha numeric LCD control panel.
- 32-bit microprocessor.
- In/out control modules for digital, analog input/output.
- Stores 20 different programs.
- Storage and readout of statistics including package counter, package length, performance and control of irregular packs.
- Pneumatically controlled PTFE coated lateral sealing bar (requires air supply, 6 bar).
- Centre seal automatically centres the seal mid-way between the top and bottom of the package.
- Automatic sealing bar height control.
- Adjustable conveyor speed, 0 - 30 m/min.
- Single pack and multi-pack modes.
- Adjustable sealing time.
- Adjustable seal temperature for both sealing bars.
- Faulty packs detection.



Venus[®]uni

All-in-one Hooded Shrink Systems

Venus^{uni} 76DW

Store up to 10 programs, each with adjustable chamber temperature, seal temperature, shrink time, shrink delay and hood opening delay. Other features include air cooled machine frame, PTFE coated liquid cooled sealing bars (LxW) 560mm x 430mm, pack counter, trouble shooter and multi-language display. Max. package size (LxWxH) 520mm x 390mm x 260mm#. Max. film reel (WxDiam) 600mm x 250mm.



Up to
300
per hour

Venus^{uni} 76DWAT

This machine features automatic, motorised hood closing and re-opening and a motorised conveyor with adjustable travel time and roller extension. Store up to 10 programs with adjustable chamber temperature, seal temperature, shrink time, shrink delay and hood opening delay. Other features include air cooling of the machine frame, a pack counter, multi-language display, troubleshooter and modular solid state relays for easy maintenance. PTFE coated liquid cooled sealing bars (LxW) 560mm x 430mm. Max. package size (LxWxH) 520mm x 390mm x 260mm#. Max. film reel (WxDiam) 600mm x 300mm.



Up to
420
per hour



Up to
300
per hour

Venus^{uni} 75DW

Store up to 6 programs with adjustable chamber temperature, seal temperature, shrink time and shrink delay. Other features include, trouble shooter, multi-language display and liquid cooled sealing bars (LxW) 410mm x 250mm. Max. package size (Lx WxH) 410mm x 250mm x 210mm.# Max. film reel: WxDiam.) 500mm x 300mm.

Easy, one person operation. Produce appealing, sparkling packages every time. Simply lower the hood to seal only or seal and shrink.

Venus^{uni} features microprocessor controlled sealing and heat shrinking, automatic hood re-opening, adjustable packaging plate height, pack counter and an emergency stop button. Store multiple programs with different sealing time, seal temperature, chamber temperature and shrink time. Use Venus^{uni} centrefolded PVC, PP and Polyolefin films to 30µm thick.

Venus^{uni} VH4255

The secret is in the tilting table - gravity does the work! The VH4255 seals and shrink wraps one package while you prepare the next.



Up to
900
per hour

Then the hood opens automatically, the table tilts and the package slides onto a conveyor or packing bench. The table then returns to the level position ready for the next package.

The touchpad LCD control panel stores up to 8 programs with adjustable seal time, chamber temperature, shrink time and table tilt time. Other features include modular solid state relays for easy maintenance,

adjustable table height, pack counter and energy-saving stand-by mode. Sealing bar (LxW) 550mm 420mm Max. package size (LxWxH) 520mm x 390mm x 300mm#. Max. film reel (WxDiam) 600mm x 250mm.



Up to
300
per hour

Venus^{uni} 77DW

Store up to 6 programs with adjustable chamber temperature, seal temperature, shrink time, and shrink delay. Other features include a pack counter, trouble shooter and multi-language display. PTFE coated liquid cooled sealing bars (LxW) 830mm x 600mm. Maximum package size (LxWxH) 840mm x 590mm x 300mm#. Max. film reel (WxDiam) 800mm x 300mm.



Up to
300
per hour

Venus^{uni} VS76

The VS76 features efficient insulation that keeps the machine surfaces cooler for your safety and comfort and PTFE coated sealing bars that seal cleanly and efficiently with minimum smoke. The touch-pad control panel with digital read-out makes it easy to set up the perfect combination of seal temperature, seal time, shrink time and cooling time for your product. Seal only or seal and shrink using PE, PVC, Polyolefin and PP films. Create sparkling, attractive, packages up to (LxWxH) 520mm x 390mm x 250mm# and as small as 50mm x 50mm x 1mm. Sealing bar (LxW) 550mm x 420mm. Max. film reel (WxDiam) 600mm x 250mm.

The centrefolded film width should be at least equal to the (package width + package height) + 10%.

Venus[®] COMBI

Combined L-Bar Sealer Shrink Tunnels

The L-sealer and shrink tunnel are built into the same compact and sturdy unit with a single power source. Seal only or seal and shrink using PE, PVC, Polyolefin and PP shrink films. Both the **VS4055** and **P4055** feature adjustable seal time, adjustable tunnel temperature, adjustable conveyor speed, adjustable airflow, adjustable tunnel height, adjustable work table height, retractable perforators and lockable castoring wheels.

Power supply: 415v, 3ph, 50Hz.
Sealing area (LxW) 550mm x 400mm. Tunnel inlet (WxH) 400mm x 200mm. Max.package height: 150mm #. Max. film reel (WxDiam) 600mm x 300mm.



Venus COMBI
P4055 Automatic
with pneumatically powered sealing bar.
Air supply: 6 bar (150psi).



Venus COMBI VS4055
Manual with magnetic hold-down.



Venus[®] Sleeve Shrink

Sleeve shrinks bottles, cans and cartons



1. Place items within the adjustable guides.



2. Press the start button.



Up to
720
per hour

Venus VH500 Sleeve shrink wraps and seals beverages, food, chemicals, wine and spirits, cosmetics and detergents using single-wound (flat) LLDPE film 40 to 80µm thick. Bottles, cans, boxes, jars and cartons of different sizes are sleeve wrapped into one easy to manage package. The conveyor speed is synchronised with the sealing bar so that unstable items can be sleeve-wrapped without a tray. By adding a **Venus Extensible Conveyor** (not included) the finished items can return to the same operator for packing in cartons ready for dispatch.

- Pneumatically activated sealing bar. •Adjustable sealing bar temperature and tunnel temperature with digital display. •Constant speed mesh conveyor.
- Take-away conveyor curves through 180 degrees. •Power supply: 415v, 3ph, 50Hz. •Air supply: 6 bar (150psi). •Tunnel entrance (WxH) 480mm x 340 mm.
- Transverse sealing bar 500mm. Max. sealing bar opening height 240mm.
- Tunnel length 730mm
- Max. package size (LxWxH) 300mm x 480mm x 240mm#.



3. Pack the sleeve wrapped items for despatch.

Handy Selection Guide

Model	Sealing Bars mm Length Width	Max. Pack Size mm Length Width Height	Jaw Hold Down System	Suitable Film	Film Thickness µm	Seal Hold Down seconds	Conveyor Speed metres/min.	Packs per hr (up to)	Perforator	Dimensions mm Length Width Height	Weight Kg	Power Usage watts/hr	Power Supply Req. PH. V A
Venus UNISHRINK Automatic Shrink Systems													
VH560L	560 430	520 390 230	Magnetic	PVC POF PP	to 50	Adjustable	0 - 19	1500	Yes	2010 790 1050	145	2500	1 240 10
VH870L	870 620	830 600 300	Magnetic	PVC POF PP	to 50	Adjustable	0 - 19	900	Yes	3050 1055 1125	247	3100	1 240 10
6001LA	600 400	610 480 150	Pneumatic	PVC POF PP	to 50	Adjustable	10 - 30	2400	Yes	2180 1545 1525 to 1655	580	3100	1 240 10
6001LAC	600 400	610 480 200	Pneumatic	PVC POF PP	to 50	Adjustable	10 - 30	3000	Yes	2180 1545 1525 to 1655	660	3250	1 240 10
500CS	Continuous 500	Unlim. 500 200	Pneumatic	PVC POF PP	to 50	Adjustable	0 - 30	4200	Yes	2180 1545 1525 to 1655	730	2100	3 415 15
Venusuni All-in-one Hooded Shrink Systems													
VH75DW	410 250	410 250 210	Magnetic	PVC POF PP	to 30	1 - 10	N/A	300	Yes	1230 680 1350	101	2300	1 240 10
VH76DW	560 430	520 390 260	Magnetic	PVC POF PP	to 30	1 - 10	N/A	300	Yes	1420 790 1115	121	3690	1 240 10
VH76DWAT	560 430	520 390 260	Magnetic	PVC POF PP	to 30	1 - 10	Fixed speed	900	Yes	2010 790 1115	156	3740	1 240 10
VS76	550 420	520 390 250	Magnetic	PVC POF PP	to 30	Adjustable	N/A	300	Yes	1325 820 910(table)	85	2300	1 240 10
VH77DW	830 600	840 590 300	Magnetic	PVC POF PP	to 30	1 - 10	N/A	300	Yes	1990 930 1475	195	5100	1 240 10
VH4255	550 420	520 390 200	Magnetic	PVC POF PP	to 30	1 - 10	N/A	420	Yes	1400 780 920(table)	90	3500	1 240 10
Venus COMBI Combined L-Bar Sealer Shrink Tunnels													
VS4055	550 400	550 400* 150	Magnetic	PVC POF PP	to 25	5 settings	5 settings	Variable	Yes	2570 870 1600	400	9000	3 415 15
P4055	550 400	550 400* 150	Pneumatic	PVC POF PP	to 25	5 settings	5 settings	Variable	Yes	2570 870 1600	400	9000	3 415 15
Venus Sleeve Shrink													
VH500	N/A 500	300 470 230	Pneumatic	LLDPE	40 - 80	Adjustable	Constant	720	Yes	1900 850 1680	250	6500	3 415 15
Venus Benchtop L-Bar Sealers													
VH300LIB	340 340	340 340* #	Magnetic	PVC POF PP	to 25	1 - 4	N/A	120	Yes	495 420 160	9	750	1 240 10
VH400LIB	600 400	600 400* #	Magnetic	PVC POF PP	to 25	1 - 4	N/A	120	Yes	550 620 200	16.3	1200	1 240 10
VH550LIB	600 550	600 550* #	Magnetic	PVC POF PP	to 25	1 - 4	N/A	120	Yes	650 620 200	19	1200	1 240 10
VHL350	458 353	350 450 #	Magnetic	PVC POF PP	to 25	0.2 - 1.7	N/A	120	No	1000 660 210	29	3000	1 240 10
VHL450	511 458	450 500 #	Magnetic	PVC POF PP	to 2	50.2 - 1.7	N/A	120	No	1060 750 210	31.5	3200	1 240 10
Venus Shrink-A-Pack													
300	N/A 330	Continuous 300 #	Manual	PVC POF PP	to 25	N/A	N/A	120	No	520 440 150	9	250	1 240 10
450	N/A 450	Continuous 450 #	Manual	PVC POF PP	to 25	N/A	N/A	120	No	680 440 150	10	350	1 240 10
600	N/A 600	Continuous 600 #	Manual	PVC POF PP	to 25	N/A	N/A	120	No	820 440 150	11	450	1 240 10
700	N/A 700	Continuous 700 #	Manual	PVC POF PP	to 25	N/A	N/A	120	No	980 410 200	12	--	1 240 10
800	N/A 800	Continuous 800 #	Manual	PVC POF PP	to 25	N/A	N/A	120	No	980 440 150	12	700	1 240 10
900	N/A 900	Continuous 900 #	Manual	PVC POF PP	to 25	N/A	N/A	120	No	1110 410 140	22	1500	1 240 10
Venus Shrink Tunnels													
	Tunnel Entrance mm Width Height	Max. Pack Size mm Width Height	Tunnel Temperature °C		Tunnel Airflow Control				Auto. Cool down				
VT450	400 230**	400 230	85 - 200	PVC POF PP	10 - 50	Adjustable	2.8 - 18.8	Variable	Yes	1310 835 1440	187	8000	3 415 15
VT650S	600 300**	600 300	85 - 200	PVC POF PP	10 - 50	Adjustable	1.8 - 6.2	Variable	Yes	1360 1045 1565	241	9500	3 415 15
VS4055	400 200	400 150	Adjustable	PVC POF PP	to 25	Adjustable	Adjustable	Variable	No	2570 870 1600	400	9000	3 415 15
P4055	400 200	400 150	Adjustable	PVC POF PP	to 25	Adjustable	Adjustable	Variable	No	2570 870 1600	400	9000	3 415 15
VH500	480 340	470 230	Up to 200	LLDPE	40 - 80	Adjustable	Constant	720	No	1900 850 1680	250	6500	3 415 15

*Sealing bar dimensions. #Maximum package height= film width (centrefolded) minus (package width +50mm). **Max pack dimensions. N/A = Not applicable. Variable = varies according to package size.

*** The centrefolded film width should be at least equal to the (package width + package height) + 10%.

Venus Shrink Films



Polyolefin, centre folded.

XOPE/PP 5 Layer

15µm thick 1332 metre rolls in widths 300/600mm to 560/1120mm. 65% shrink at 125-140 deg. C. 19µm thick 1067 metre rolls in widths 350/700mm to 750/1500mm. 62% shrink at 125-140 deg. C.

XOP/POL 50%-50% Biax 3 Layer

All PE suitable for foodstuffs. 15µm thick 1200 metre rolls in widths 200/400mm to 500/1000mm. 19µm thick 600 metre rolls in widths 220/440mm to 345/690mm* (*Length 200 metres).

XOP/27 PP 35%-35% Biax 3 Layer

PP-PE-PP suitable for foodstuffs. 19µm thick 600 metre rolls in widths: 220/440mm to 700/1400mm.

PVC, centre folded.

LS44/LW44 Biax

Balanced 30%-40% MD & TD
12.5µm thick 950 metre rolls in widths 280/560mm to 500/1000mm.
19µm thick 600 metre rolls in widths: 200/400mm to 660/1320mm.
25µm thick 450 metre rolls in widths: 300/600mm to 800/1600mm.

TPA44 Biax Food Grade

19µm thick 600 metre rolls in widths: 200/400mm to 560/1120mm.

Venus Heat Shrink Guns

VH1550 and VH1550C

2 heat settings. Heat resistant ABS casing with hanging clip and 4 special purpose nozzles. Also available in tough plastic carry case (VH1550C) with 4 nozzles, screwdriver and scrapers. UL and GS approved.



VH1250

2 heat settings, 230° and 500°. Plugs directly into the SHRINK-A-PACK unit*. Power 1500w. Weight 800g. Tough plastic casing with hanging clip.
*Except SHRINK-A-PACK 700.

VH1200

3 settings: hot/cold/off. Metal and plastic casing with built-in stand. Weight 950g. Included with the SHRINK-A-PACK 700.

Venus[®] Benchtop L-Bar Sealers

Venus[®] LIB Benchtop L-Bar Sealers

Simply plug into a standard 240v socket. All sizes have a seal timer with indicator light (1 to 4 seconds) and a film roll dispenser with film separator and perforator. A heat shrink gun (not included) plugs directly into the L-sealer. Use Venus PP, PVC and PE films up to 25µm thick.

VH550LIB

Seal bars: (LxW) 600mm x 550mm.
Max. film roll diam: 311mm.
Size (LxWxH): 650mm x 620mm x 200mm.
Power: 1200w. Weight: 19kg.

VH400LIB

Seal bars: (LxW) 600mm x 400mm.
Max film roll diam: 280mm.
Size (LxWxH): 550mm x 620mm x 200mm.
Power: 1200w. Weight: 16.3kg.

VHL350

Seal bars: (LxW) 458mm x 353mm
Max. pack size: (LxW) 450mm 350mm.
Size (LxWxH): 1000mm x 660mm x 210mm.
Power: 3000w. Weight: 29kg.



VHL450

Seal bars: (LxW) 511mm x 458mm
Max. pack size: (LxW) 500mm 450mm.
Size (LxWxH): 1060mm x 750mm x 210mm.
Power: 3200w. Weight: 31kg.



VH300LIB

Seal bars: (LxW) 340mm x 340mm.
Max. film roll diam: 216mm.
Size (LxWxH): 495mm x 420mm x 160mm.
Power: 750w. Weight: 9kg.



Venus[®] VHL Benchtop L-Bar Sealers

Magnetic hold-down, impulse seal. A heat shrink gun, included, shrinks the film to create a sparkling, tightly wrapped package. Each sealer has adjustable table height and includes a film roll dispenser with film separator. Uses centrefolded PP, PVC and PE shrink film up to 25µm thick.

Venus[®] SHRINK-A-PACK

Wrap, seal and shrink on the spot. Give a distinctive touch to gift packs and special promotions. Re-wrap items with damaged packaging to look like new. Add sparkle and appeal, protect against soiling, moisture and tampering.



SHRINK-A-PACK 300
seal length 330mm

SHRINK-A-PACK 450
seal length 450mm

SHRINK-A-PACK 600
seal length 600mm

SHRINK-A-PACK 700
seal length 700mm

SHRINK-A-PACK 800
seal length 800mm

SHRINK-A-PACK 900
seal length 900mm

Easy, economical shrink packaging.

Venus SHRINK-A-PACK has a built-in sealing timer and is ready for use in 4 seconds or less. It comes complete with the Venus VH1250 Heat Shrink Gun that plugs directly into the sealing unit*.

*SHRINK-A-PACK 700 comes with the VH1200 Shrink Gun that plugs into a standard 240v socket.

