

**HEAT  
SEALING  
UPDATE  
2020**

Glaciar Perito Moreno, Parque Nacional Los Glaciares, Patagonian Andes, Argentina.

One of nature's biggest natural phenomena: Over the eons glaciers have gouged valleys, altered sea levels and influenced the climate. Scientists believe much of today's landscape was produced by ice age glaciation.

# Venus<sup>®</sup> . . . *naturally the biggest in Heat Sealing*



BENCHTOP



HAND HELD



AUTOMATIC



PEDESTAL



MAGNETIC  
HOLD-DOWN



# Venus VHIBIII

# BENCHTOP

The **VHIBIII** seals polythene and polypropylene bags up to 2 x 100 microns thick. It has an automatic timer and superior long-life element terminals and consumes power only when the sealing arm is depressed.

The **VHIBIII209C** produces a strong, airtight, 10mm wide seal on autoclave (sterilisation) bags; it has more power (600 watts) a larger transformer and grid-textured silicon rubber upper seal pad.

The **VHIBIII400HBP** and **VHIBIII600HBP** have a separate transformer with a 2.5m lead for sealing articles that are too heavy to move and for sealing irregular shaped items and for making seals in awkward positions.

The **VHIBIII300MC** and **VHIBIII305MC** have magnetic hold-down and an automatic timer (0.2 to 1.3 seconds) and cool down timer (0.2 to 1.3 seconds).

MGM/T421 and MGM421IT



Magnetic hold-down



VHIBIII300MC



VHIBIII305C



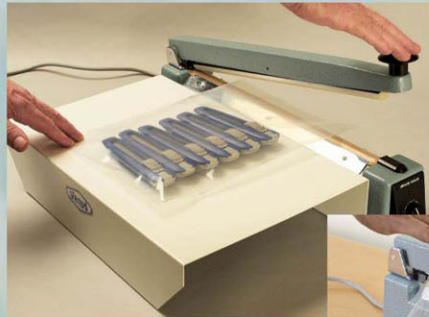
VHIBIII300



VHIBIII400



VHIBIII400C



VHIBIII Worktable. Keeps loose items horizontal and in place for a neater package. Pictured here with a 6 pack of Vencutters.



10mm wide seal



VHIBIII209C



VHIBIII100

Model	Seal Length mm	Seal Width mm	Seal Thickness µm	Sliding Cutter	Optional Work Table
VHIBIII100	100	2	2 x 100		
VHIBIII200	200	2	2 x 100		•
VHIBIII200C	200	2	2 x 100	•	•
VHIBIII205C	200	5	2 x 300	•	•
VHIBIII209C	200	10	2 x 175	•	•
VHIBIII300	300	2	2 x 250		•
VHIBIII300C	300	2	2 x 250	•	•
VHIBIII300MC	300	2	2 x 250	•	•
VHIBIII305C	300	5	2 x 300	•	•
VHIBIII305MC	300	5	2 x 300	•	•
VHIBIII400	400	2	2 x 300		•
VHIBIII400C	400	2	2 x 300	•	•
VHIBIII400HBP	400	2	2 x 100	•	•
VHIBIII450	450	2	2 x 250		•
VHIBIII600	600	2	2 x 250		•
VHIBIII600HBP	600	2	2 x 100		•
VHIBIII1000	1000	2	2 x 250		•

# Venus VHIBIV

The **VHIB IV** is the latest and lowest priced addition to the popular **Venus VHIB** line of benchtop impulse heat sealers. It has an automatic timer (0.2 to 1.5 seconds) with solid state (SCR) Thyristor relay for greater efficiency, less servicing and longer life.

The easy, economical and attractive way to package a wide variety of products from foods to apparel in polythene and polypropylene bags.

VHIBIV Model Options	Seal Length mm	Seal Width mm	Seal Thickness µm
VHIBIV200	200	2	2 x 150
VHIBIV300	300	2	2 x 200
VHIBIV400	400	2	2 x 200



VHIBIV400

VHIBIV300

VHIBIV200

# Venus Sealboy

Venus Sealboy seals heavy gauge polythene and polypropylene bags and tubing. All have timers except the basic Sealboy 235. Optional Work Table (OT210) 210mm.



**Venus VHSBIII300**

Constant heat top and bottom Teflon coated sealing jaws with safety guards. Seals PP, foil, laminate or cellulose bags up to 2 x 550m thick. Seal length 300mm. Seal width 15mm.



**Venus Futura Junior**

For sealing polythene and polypropylene bags up to 2 x 150m thick. Seal length 300mm. Seal width 1mm. Constant heat with three settings: low, medium and high.



**Venus Mini 300**

Hand or foot pedal operation. Seals polythene bags or film up to 2x 150m thick. Seal length 300mm. Seal width 1.5mm, with timer and optional work table.



**Venus Sealette**

For sealing polythene and polypropylene bags up to 2 x 250m thick. Seal length 160mm. Seal width 1.25mm.



**Venus HSIII300PA and VHSIII400MA**

Both have double heated jaws, solid state electronics, a temperature gauge accurate to 200°C and give a strong 15mm wide seal on polypropylene, cellulose, foil and laminate bags to 2 x 250m thick. **VHSIII300PA:** Pneumatic foot pedal operation Seal length 300mm. **VHSIII400MA:** Motorised foot pedal operation. Seal length 400mm.



Foot pedal included

VHSIII300PA

VHSIII400MA



# FOOT OPERATED

## Venus Magneta Motor

A gentle touch with fingertips or foot pedal closes the electrically powered jaws. Then the powerful magnetic hold-down keeps the jaws closed while the sealing bar delivers the precise amount of heat needed for a strong and consistent seal every time. Seals polythene, polypropylene and laminate bags and tubing. All models include a seal time control and electric foot pedal. A tray and stand are optional. **MGM/T421** and **MGM421IT** have twin seal.

Angle Head Device allows sealing at steeper angles for heavy items.



2 sealing angles



Magneta Motor MGM 621 with SP621 Stand, M621MG Work Table and RL621 Rollflux.

Magneta Motor MGM1020

Magneta Motor MGM820

Magneta Motor MGM621

Magneta Motor MGMS421

Magneta Motor MGM421 with Angle Head Device, and OTST421 Stand and Bag Support Plate.

Angle Head Device



Magneta Motor Model Options	Seal Length mm	Seal Width mm	Seal Thickness µm	Sliding Cutter	Double Seal	Optional Work Table
MGM421	420	3	2 x 250	•		OTST421
MGM/T421	420	3	2 x 250	•		OTST421
MGM421IT	420	5	2 x 250	•		OTST421
MGMS421	420	3	2 x 250	•		OTST421
MGM421	420	5	2 x 250	•		OTST421
MGM621	620	3	2 x 250	•		OTST621
MGM820	820	3	2 x 250	•		
MGM821	820	5	2 x 250	•		
MGM1020	1020	3	2 x 250	•		
MGM1021	1020	5	2 x 250	•		



Magneta 1020MG

Magneta 820MG



Magneta 721MGI

Magneta 621MG/P

Magneta 421MGS

Magneta 521MG

Magneta 300MG/TW

## Venus Magneta

Just a light touch with fingertips or foot pedal is all it takes for a strong and consistent seal every time. Magneta's powerful, automatic, magnetic hold-down does all the work. Seals polythene, polypropylene and laminate bags or tubing. All models include a timer. A foot pedal and chain kit is optional to suit all models. Optional stand with foot pedal and chain kit to suit **1020MG**. (# Includes foot pedal and chain). (\* Includes bag support.)

**Magneta 820MG** and **Magneta 1020MG** feature a cool-down cycle.

**Magneta 421MGS** and **Magneta 621MG/SS** have a stainless steel casing.

**Magneta 300MG/TW** and **Magneta 421MG/TW** have twin seal.

Magneta Model Options	Seal Length mm	Seal Width mm	Seal Thickness µm	Sliding Cutter	Print Facility	Optional Stand	Optional Work Table
300MG	300	3	2 x 250	•		SP321#	OTST321*
300MG/TW	300	3	2 x 250	•		SP321#	
300MG/P	300	3	2 x 250	•	•	SP321#	
421MG	420	3	2 x 250	•		SP421#	M421MG
421MG/TW	420	3	2 x 250	•		SP421#	M421MG
421MG/P	420	3	2 x 250	•	•	SP421#	M421MG
421MGS	420	3	2 x 250	•		SP421#	M421MG
521MG	520	3	2 x 250	•			OTST521*
621MG	620	3	2 x 250	•		SP621#	M621MG
621MG/P	620	3	2 x 250	•	•	SP621#	M621MG
621MG/SS	620	3	2 x 250	•		SP621#	M621MG
721MGI	720	5	2 x 250	•			
820MG	820	3	2 x 250	•		SP621#	OTST821*
1020MG	1020	3	2 x 250	•			OTST1020*

## Venus Sealmaster and Super Sealmaster

Manual hold-down. A timer light indicates when the seal is done. Seals polythene and polypropylene bags and tubing up to 2 x 250µm thick. All models include a foot pedal. Super Sealmasters have a more efficient angled sealing lip.

Sealmaster Model Options	Seal Length mm	Seal Width mm	Seal Thickness µm	Sliding Cutter	Optional Stand	Optional Work Table
230A	230	3	2 x 250			OT230
Super 300SA	300	3	2 x 250	•	SP321*	
400S	400	3	2 x 250			
420	420	3	2 x 250		SP421*	OTST421
420A	420	3	2 x 250		SP421*	OTST421
Super 421SA	420	3	2 x 250	•	SP421*	OTST421
580A	580	3	2 x 250			OT580
Super 620SA	620	3	2 x 250	•	SP621*	

Sealmaster 420

Super Sealmaster 421SA



Sealmaster 230A

Super Sealmaster 300SA





# Venus Super Cello

# HAND HELD

# Venus Super Poly

Constant heat, plier action sealers for jobs that are too big to move about. The 4.5 metre lead between transformer and sealer allows you to take Super Cello to the job. Seals cellulose, heavy film, laminates, coated foils and wax coated papers. Temperature adjustable from 60°C to 250°C.



Super Cello 400



Super Cello 400



For extra thick bags. The Venus Super Poly impulse sealers have an easy plier action. A separate transformer and a 3.5 metre lead allow complete portability for jobs that are too big to move about. Seals polythene, polypropylene and laminates.

Super Poly Model Options	Seal Length mm	Seal Width mm	Seal Thickness µm
Super Poly 280	280	3	2 x 250
Super Poly 380	380	3	2 x 250
Super Poly 680	680	3	2 x 250



Transformer for Super Poly and Super Cello.



Super Poly 280



Super Poly 380



Super Poly 680

Super Cello Model Options	Seal Length mm	Seal Width mm	Seal Thickness µm
Super Cello 300	300	10	2 x 100
Super Cello 400	400	10	2 x 100

# Venus Futura

Three temperature settings (except FP POL). Seal length 150mm.



**FP POL.**  
Seals light to medium polythene bags up to 2 x 150mm thick. Single heated jaw. Seal width 2mm.



**Poly TW**  
Seals medium to heavy gauge polythene bags up to 2 x 250mm thick. Twin heated jaws. Seal width 2mm.



**Barrier**  
Seals cellulose, foil or paper laminates up to 2 x 200mm thick. Seal width 10mm.



**FP CEL**  
Seals cellulose, waxed papers and foil laminates up to 2 x 200mm thick. Twin heated crimp seal jaws. Seal width 10mm.



**Venus Sealing Wand**  
Seals irregular shaped packages. 3 temp. settings and Teflon coated sealing head 68mm x 23mm. Seals PE, PP and cellulose films.



**Venus Wheel Sealers**  
Seals PE and cellophane. Make seals of any shape. Max. seal thickness 0.15mm (PE). Temp. adjustable 80 to 200°C. Includes stand and rubber mat.



**Venus Hand Sealer**  
The VHIBIII400HBP and VHIBIII600HBP have a separate transformer with a 2.5m lead for sealing articles that are too heavy to move and for making seals in awkward positions.



**Venus Corner Crimper 772**  
A plier action sealer for welding the lids to plastic punnets of berries, fruits etc. Heat settings: 180°C and 210°C. Size: 130mm x 240mm x 40mm. Weight: 300g. Seals PVC and PP.

# Venus Shop Sealers

Wall or bench mounted impulse sealers with seal time control and stainless steel casing. Seals polythene and PP bags in the upright position to prevent spillage. Suitable for sandwich bars, pharmacies, confectioners and hardware stores.

Shop Sealer Model Options	Seal Length mm	Seal Width mm	Seal Thickness µm
VHV200	200	2	2 x 100
VHS250	250	5	2 x 100
VHS255	250	5	2 x 100
VHV300	300	3	2 x 100



Shop Sealer VHS255



Shop Sealer VHV300 bench mounted

# WALL MOUNTED

# Venus Pronto

Designed for confectioners, chemists and hardware stores with a built-in timer and a unique jaw mechanism that allows the bag to be held upright with both hands. Seals polythene and PP bags. Pronto can be wall or bench mounted.



Pronto A420



Pronto A 420/P includes an embossed print seal facility and type set kit.

Pronto Model Options	Seal Length mm	Seal Width mm	Seal Thickness µm	Print Facility
A 255	255	2	2 x 200	
A 420	420	2	2 x 200	
A 420/P	420	2	2 x 200	

Optional bench mount extension.



Pronto A255 bench mounted.

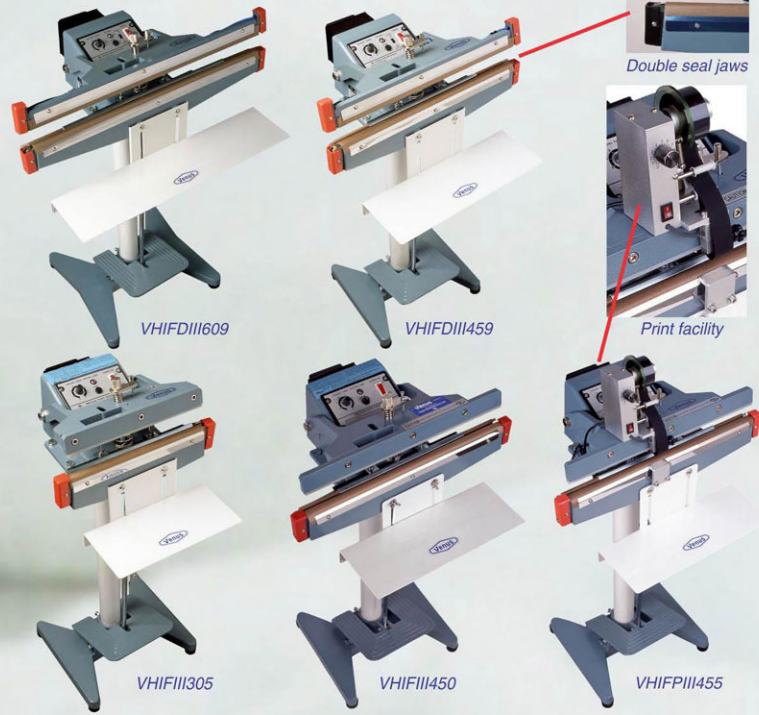


# Venus<sup>®</sup> VHIFIII Impulse Heat Sealers

With extra power and an increased timer range the VHIFIII easily seals polythene, polypropylene and polythene/paper laminated bags (such as autoclave). Covered element retainers provide operator safety and redesigned sealing jaws apply pressure more efficiently. All models come complete with timer, foot pedal and tray. VHIFIII300, VHIFIII305 and VHIFIII455 include a hot foil print facility with type set kit.

VHIFIII Model Option	Seal Length mm	Seal Width mm	Seal Thickness µm	Double Seal	Sliding Cutter	Print Facility
VHIFIII300	300	2	2 x 250			
VHIFIII300	300	2	2 x 250			•
VHIFIII305	300	5	2 x 400			
VHIFIII309	300	10	2 x 400			
VHIFIII305	300	5	2 x 400			•
VHIFDIII309	300	10	2 x 400	•		
VHIFIII450	450	2	2 x 250			
VHIFCIII452	450	2	2 x 250		•	
VHIFIII455	450	5	2 x 400			•
VHIFDIII459	450	10	2 x 400	•		
VHIFIII600	600	2	2 x 250			
VHIFCIII600	600	2	2 x 250		•	
VHIFIII605	600	5	2 x 400			
VHIFCIII605	600	5	2 x 400		•	
VHIFDIII609	600	10	2 x 400	•		

## PEDESTAL



# Venus<sup>®</sup> VHIFIV Impulse Heat Sealers

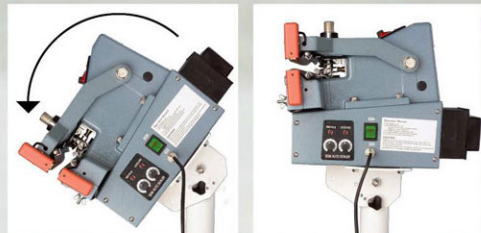
The VHIFIV impulse heat sealers feature improved element connectors and a new, electronic timer (0 to 2.5 seconds) with solid state relay for greater efficiency, less servicing and longer life. Seals polythene, PP and PVC bags and tubing.

VHIFIV Model Options	Seal Length mm	Seal Width mm	Seal Thickness µm	Double Seal
VHIFIV350	350	2	2 x 250	
VHIFIV355	350	5	2 x 400	
VHIFIV452	450	2	2 x 250	
VHIFIV455	450	5	2 x 400	
VHIFDIV458	450	8	2 x 400	•
VHIFIV602	600	2	2 x 250	
VHIFIV605	600	5	2 x 400	
VHIFDIV608	600	8	2 x 400	•

# Venus<sup>®</sup> VHSIII ConstantHeat Sealers

Constant heat sealers with solid state electronics for a strong seal on PP, cellulose, foil and laminate bags. Double heated jaws with with temperature gauge to 200°C.

VHSIII Model Options	Seal Length mm	Seal Width mm	Seal Thickness µm	Double Seal
VHSIII200	200	15	2 x 250	•
VHSIII300	300	15	2 x 250	•
VHSIII300S	300	15	2 x 250	•
VHSIII400	400	15	2 x 250	•
VHSIII600	600	15	2 x 250	•



## Adjustable Angle Sealing Head

The sealing head can be rotated and set in 5 different positions.



# Venus<sup>®</sup> VHVD Impulse Heat Sealers

Adjustable head impulse sealers. The sealing head can be rotated and set in 5 different positions, from horizontal to vertical, to suit a variety of packaging applications and conveyor systems. Complete with seal time control, foot pedal and tray. Seals polythene and PP bags.

VHVD Model Options	Seal Length mm	Seal Width mm	Seal Thickness µm	Double Seal
VHVD305	300	5	2 x 200	•
VHVD309	300	10	2 x 200	•
VHVD455	450	5	2 x 200	•
VHVD459	450	10	2 x 200	•
VHVD605	600	5	2 x 200	•
VHVD609	600	10	2 x 200	•



# Venus<sup>®</sup> VHIFTIII

# AUTOMATIC

A bench mounted impulse sealer with automatic electronic foot switch, timer, and cool-down cycle. Extra power and model options allow you to create a 2mm, 5mm or 10mm wide seal on polythene and polypropylene bags up to 2 x 500m thick. The extra power and wide element wire handle the most difficult sealing jobs, even where powders or liquids line the bags.

VHIFTIII Model Options	Seal Length mm	Seal Width mm	Seal Thickness µm	Double Seal
VHIFTIII302	300	2	2 x 250	
VHIFTIII305	300	5	2 x 400	
VHIFTIII309	300	10	2 x 200	
VHIFTDIII309	300	10	2 x 200	•
VHIFTIII452	450	2	2 x 250	
VHIFTIII455	450	5	2 x 300	
VHIFTDIII455	450	5	2 x 300	•
VHIFTIII459	450	10	2 x 500	
VHIFTDIII459	450	10	2 x 500	•
VHIFTIII602	600	2	2 x 300	
VHIFTIII605	600	5	2 x 500	
VHIFTDIII609	600	10	2 x 500	•



## SPECIAL PURPOSE

### Venus<sup>®</sup> Ultimate and Automaster

The **Ultimate HSP 600** is used in hospitals for an airtight seal on sterilisation bags (Autoclave paperfilm). It also seals polythene, PP and some PVC and polyamide films. An internal air compressor powers the high pressure double heated jaws. Features a timer, cool-down cycle, safety guard, and electronic foot switch.

Similar in design, but with a single element, the **Automaster AM 400** and **Automaster AM 600** seal polythene, polypropylene and laminated foils.

Both are excellent performers in harsh environments where dust, moisture, powder coatings etc., can cause problems.



Ultimate and Automaster Model Options	Seal Length mm	Seal Width mm	Seal Thickness µm	Sliding Cutter	Double Seal	Optional Work Table
Automaster AM 400	400	5	2 x 250	•		AM 400
Automaster AM 600	600	5	2 x 250	•		
Ultimate HSP 600	600	5	2 x 250	•	•	

### Venus<sup>®</sup> Audion Tube Sealer 50

Seals the bottoms of tubes of fluids, lotions, creams, granules and powders. Features a moving impulse seal bar and a fixed heat seal bar, automatic adjustment of sealing pressure and electronically controlled seal and cool time.



Machine size (LxWxH): 640mm x 350mm x 500mm. Seal width: 4mm flat. Tubes: 20-50mm. Tube length: 70mm x 230mm. Tube material: PE-PP/AL-PE.

### Venus Plate Sealer

Flat Teflon coated surface for sealing awkward and irregular shaped packages in PP, polythene and cellulose. thermostat control guarantees exact temperature.



### Venus TT300 Cello Sealer

Seals cellulose, heavy film, laminates, coated foils and PP up to 2 x 100µm thick. Pneumatic foot switch and built-in compressor. Seal width 10mm. Sealing length 300mm. Constant heat with adjustable temperature.



Venus Multicover 949

## Venus<sup>®</sup> Multicover 949 and 2949

Our biggest heat sealers for making pallet covers and packaging items such as automotive components and ready to assemble garden furniture. Seals polythene up to 4 x 200m thick and includes a sliding cutter and bolt-on stand to support the finished bag.



**Venus 949 Multicover** 1400mm sealing length.  
**Venus 2949 Multicover** 1950mm sealing length.