

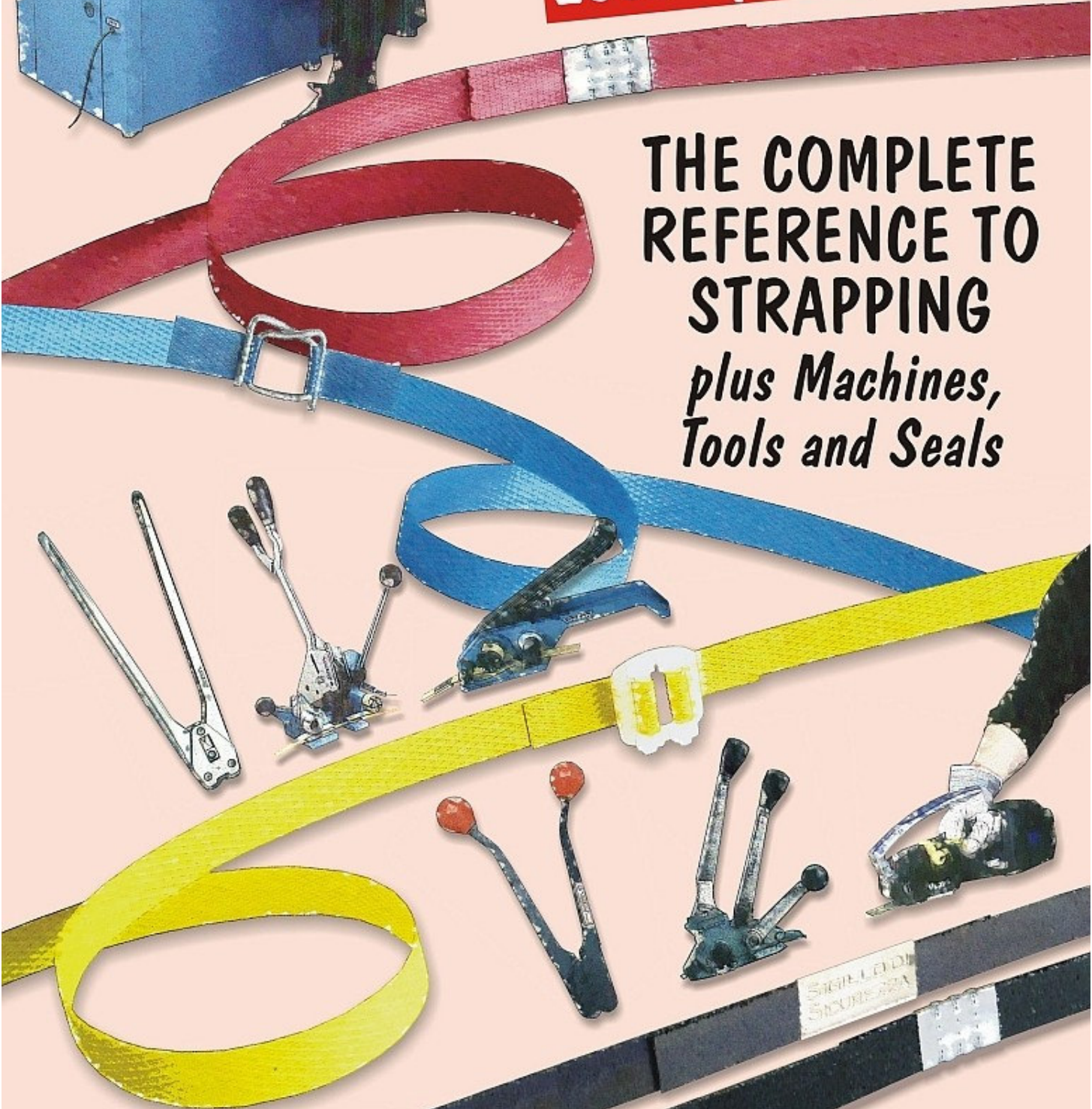


Venhart[®]
BRAND

STRAPPING GUIDE

2009 Update

**THE COMPLETE
REFERENCE TO
STRAPPING**
*plus Machines,
Tools and Seals*





No1 Machine Rolls

Machine band in blue or clear. Thickness 0.55 – 0.60mm. Travels smoothly through automatic machines due to minimal curvature and only + - 0.03mm variation in width and thickness. 2 rolls per carton.

Width mm	Length m	Tensile strength kgf	Weight kg
6	4000	7.5	7.5
12	3000	90	10.5
15	2500	130	10.5



No1 Hand Rolls

Made from 100% pure polymer for minimal curvature. Colours blue and yellow. 140mm ID core x 110mm wide. 5 rolls per carton.

Width mm	Length m	Tensile strength kgf	Weight kg
12	1000	90	3.5 - 3.9
15	1000	130	4.6
19	1000	90	6.6



No2 Hand Rolls

Blended with some regenerated polymer. Thickness 0.5 – 0.6mm. Colours blue, yellow and clear. 5 rolls per carton. Elongation 20% approx.

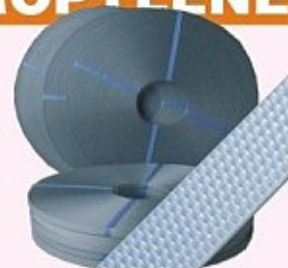
Width mm	Length m	Tensile strength kgf	Weight kg
12	1000	110	3.6
15	1000	90	4.5
19	1000	90	6.2



No2B Hand Rolls in centre draw box

Embossing prevents slipping of seals or buckles. Handy, self-dispensing centre-draw box requires no roll holder. Thickness 0.5 – 0.6mm. Colours blue, yellow and clear. (19mm, blue and clear only). 5 boxes per carton. Elongation 20% approx.

Width mm	Length m	Tensile strength kgf	Weight kg
12	1000	110	3.5
15	1000	90	4.6
19	1000	90	6.6



Heavy Band Silver Hand Rolls

Thickness 0.8mm. 8 rolls per carton.

Width mm	Length m	Tensile strength kgf	Weight kg
15.5	250	200	2.5



VH82C MEDIUM

For PP and polyester. 390mm handles. 2 sizes: 12mm and 15mm



VH82D HEAVY

For PP and polyester. 390mm handles. 2 sizes: 12mm and 15mm.



VH82L EXTRA

Extra heavy duty for heavy band PP and polyester. Extra long 460mm handles. 3 sizes: 12mm, 15mm and 19mm.



No 85

For PP and polyester. 390mm handles. "GS" quality certification. 2 sizes: 12mm and 15mm.



No 21C

Made from formed steel with easily replaceable crimping teeth. The 240mm handles are curved for greater leverage and the crimping bars cut into the sides of the seal to produce a crimp with stronger grip. Sizes to suit 12mm, 15mm and 19mm steel strap. Weight 744g. Use Venhart SC, and XSOL seals.

Made from formed steel, these new designs feature heavy duty pivot bolts and shoulder bolt, fastened with nuts (not circlips) for longer life and easier replacement of crimping jaws. Strong crimping teeth emboss the seal for excellent grip. Easy, smooth operation. Use Venhart seals: XSOP4, SUPER 4 and KU12 (12mm), XSOP5, SUPER 5 and KU15 (15mm); XSOP6 and SUPER 6 (19mm), SUPERX (12mm and 15mm).



No 72A

Heavy duty in 2 sizes for 12mm and 19mm strap.



No 72 ECO

For 12mm strap. Strong, economical. Made from formed steel. Use seals SOP, SUPER, KU, 4015.



No 74

Sturdy with cast iron base and plastic handle grips. 2 sizes for 15mm and 19mm strap.



No 77D

For 12mm and 15.5mm PP strap. Silent, double speed ratchet enables tensioning in half the number of strokes. Use Venhart seals: XSOP4, 5 and 6; SUPER 4, 5 and 6; KU12 and 15.



No 77

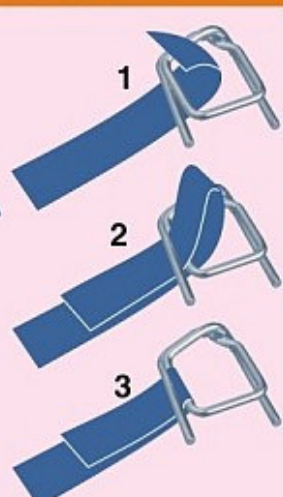
Double speed ratchet. 2 sizes for 15mm and 19mm strap.



PP
Injection moulded polypropylene for lightweight packaging. No tools required. Available to suit 12mm and 15.5mm PP strapping. 1000 per pack.

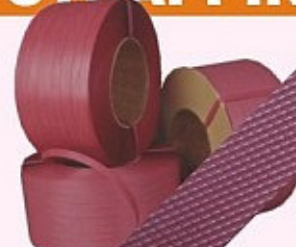


WIRE
For medium weight packaging. No tools required but can be used with Venhart tensioners. Available to suit 12mm, 15.5mm and 19mm strapping. 10000 per carton. Galvanised finish. 12mm (2.5 - 2.77mm wire), 15.5mm (2.74 - 3.28mm wire), 19mm (2.7 - 3.25mm wire)



XSOP4, 5, 6 and XSOP6 30
12mm, 15mm and 19mm wide x 25mm and 19mm wide x 30mm long (XSOP30). Semi-open flanged seals to slip easily over the tensioned strapping. Thickness 0.5mm. Zinc finish. 2000 per pack.

STRAPPING



Heavy Band Burgundy Hand Rolls
Thickness 0.8mm. 2 rolls per carton.

Width mm	Length m	Tensile strength kgf	Weight kg
19	1000	300	9.25 - 11



Heavy Band Black Hand Rolls
Thickness 0.8 - 0.9mm. 2 rolls per carton.

Width mm	Length m	Tensile strength kgf	Weight kg
9	1000	250	6
12	1000	200	6.5 - 7
15	1000	200 - 250	8.26 - 8.6
19	1000	400	11 - 11.4



Heavy Band Black centre draw box
Thickness 0.8mm. Handy, self-dispensing centre-draw box requires no roll holder. 5 boxes per carton.

Width mm	Length m	Tensile strength kgf	Weight kg
19	600	355	6

Venhardt BRAND POLYESTER



Polyester cord band
Continuous twisted polyester filaments adhered to make a flat strap. Use with Venhardt SOK wire buckles. 4 rolls per carton. Colour white.

Width mm	Length m	Tensile strength kgf	Weight kg
6	2375	160	7.25
12	1188	317.5	7.25
15	914	388	6.8
19	640	470	5.9



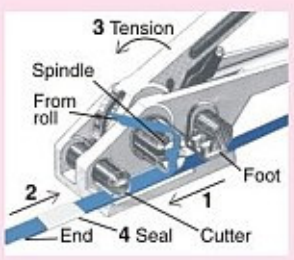
Polyester flat and embossed
Almost as strong as steel strapping but 6 times lighter. Thickness 0.62mm. 1 roll per carton. Colour green.

Width mm	Length m	Tensile strength kgf	Weight kg
13 flat	2000	320	20
13 embossed	2000	320	20
16 embossed	1000	400	13

CRIMPERS



No 23
An economical crimper to suit 12mm and 15mm strapping. Long handles for greater leverage. Use seals SC and XSOL.



1. Raise foot. Insert strap end from right. Lower foot.
2. Pull strap under package then through cutter and spindle.
3. Tension
4. Apply seal. Crimp. Cut strap.



No 83
Feedwheel operation. Strapping is held by a round locking wheel which is deeply indented for long life.

Venhardt BRAND POLYPROPYLENE

Easy and efficient feedwheel operation. A simple lever strap. The colour indicates the strapping for which each polyester cord band, ocean green for heavy band PP a



VH83C LIGHTWEIGHT
Purple, for PP strap.



VH83D MEDIUM*
Turquoise, for PP strap.

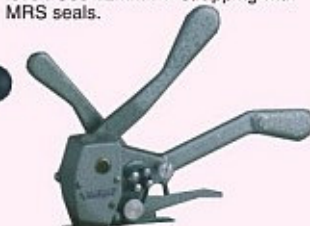
*VH83D, VH832D and VH833D: The ratchet mechanism for smoother, more efficient operation, longer life and

CRIMPERS

No 74H
For polyester and PP heavy band (0.4 - 0.9mm thick) 2 sizes for 12mm and 15mm strap.



No 78 PP BUNDLER
Crimper/tensioner combination. The easy and effective way to bundle pipes, garden stakes, timber etc. Simply insert the seal, lace the strap through it, tension as required, then depress the crimping/cutting lever. Use 12mm PP strapping with MRS seals.



No 28
2 sizes: one with settings for 8, 10, 12 and 15mm strap and one for 19mm strap only. Use SC seals.



Sealless steel strapper
No need for seals! Just depress the trigger to secure the loose end then turn the tensioning lever. An ingenious interlocking process cuts the two ends of the strap into each other then cuts off excess strap.

No 30 Sealless
For 15mm strap.

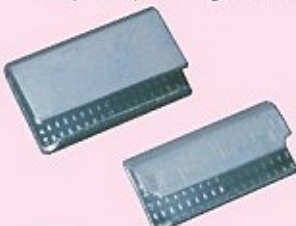


VH333 Sealless
For 12mm, 15mm and 19mm strap.



Venhardt BRAND SEALS FOR POLYPROPYLENE STRAPPING

Snap-on open flanged, thread-on closed flange, knock-down buckle seals and special purpose types. Widths to suit 9mm, 13mm, 15mm and 19mm strapping.



SUPER X4 and X5
12mm wide x 30mm long and 15mm wide x 30mm long. Indentations inside for a stronger seal. Open flanged for easy application. Thickness 0.7mm (12mm) and 1mm (15mm). Zinc finish. 1000 per pack.



SUPER 4, 5, 6
Indentations penetrate to the inside for a stronger seal. Open flanged, zinc finish. SUPER 4: 12mm wide x 25mm long. Thickness 0.4mm. Available in packs of 2000 and 3000. SUPER 5 and SUPER 6: 15mm wide x 28mm long and 19mm wide x 28mm long. Thickness 0.5mm. 2000 per pack.



KU12 and KU15
12mm and 15.5mm wide, open flanged seals. 12mm 2000 per pack. 15.5mm 1000 per pack. Thickness 0.4mm 27mm long.



MRS 13
13mm wide x 20mm long special design seals for the Venhardt No 78 PP Bundler (above). Thickness 0.5mm. Zinc finish. 1000 per pack.



C4
12mm wide lightweight, closed flange seals. 1000 per pack. Thickness 0.3mm.

Venhart STEEL STRAPPING



Blued steel
Cold rolled and tempered. Securely strapped and spiral wrapped in waterproof paper. Elongation up to 3%. Coil diameter 432mm (outer), 153mm (inner).

Width	Length	Thickness	Breakload	Weight
mm	m	mm	kgf	kg
12.7	314	0.4	365	12-12.85
15.9	281	0.5	520	15.5-17.5
19	234	0.6	800	18.4-21



Black painted steel
Cold rolled and tempered then painted to prevent rust. Securely strapped. Elongation 2-6%. Coil diameter 432mm outer, 153mm inner. (*630mm outer, 400mm inner).

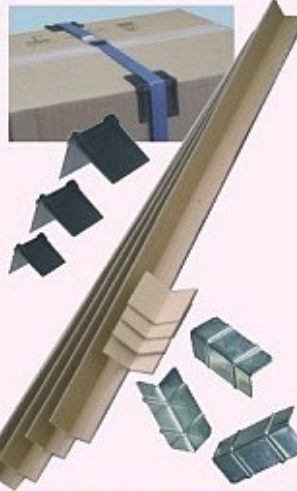
Width	Length	Thickness	Breakload	Weight
mm	m	mm	kgf	kg
12.7	315	0.4	365	12-12.9
15.9	250	0.5	420	16.1
19	235	0.6	520	18.3-21.4
*19	196.6	0.72	800	25.2



Stainless steel
For applications which are exposed to the weather including lamp posts and under water applications. Use with the Venhart Spinnox Tool and SS seals. Wound on plastic roll holder. 5 rolls per pack (9.5mm, 2 rolls per pack)

Width	Length	Thickness	Breakload	Weight
mm	m	mm	kgf	kg
9.5	30	0.7	399	1.47
10	30	0.7	399	1.47
13	30	0.7	533	1.97
16	30	0.7	715	2.64
20	30	0.7	912	3.37
20	30	0.4	912	3.37

EDGE PROTECTION



Stabilises pallet loads and prevents strapping from damaging cartons.

Black plastic
Small: 25mm x 25mm x 33mm wide for strap up to 20mm wide. 2000 per 5.8kg box.
Medium: 35mm x 35mm x 40mm wide for strap up to 30mm wide. 1000 per 5kg box.
Large: 50mm x 50mm x 58mm wide for strap up to 40mm wide. 1000 per 8.7kg box.

Metal
Zinc coated. 19mm x 19mm x 55mm wide for strap up to 20mm wide. 2000 per box. Weight 20.5kg.

Cardboard
60mm x 60mm x 1metre. Thickness 4mm. 25 per bundle.

TENSIONERS

action applies tension; fully depressing the handle cuts the tensioner is most suitable: turquoise for PP, spring green for nd polyester. Suitable for strapping widths 12mm to 19mm.



VH84H EXTRA
Extra heavy duty cast zinc. For heavy band PP and polyester and regular PP strapping.



VH832D PET CORD*
Spring green, for polyester cord band strapping.



VH833D HEAVY*
Ocean green, for heavy band PP and polyester flat or embossed. Suits strap 12mm to 19mm.

sm has a torsion coil spring instead of the usual toggle spring easier servicing.

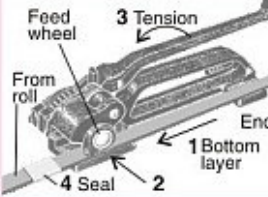
STEEL TENSIONERS



No 24AC
Heavy duty feed wheel tensioner for standard steel strapping of all widths up to 25mm. Continuous tension take-up.



No 24IC
Heavy duty feed wheel
Colour: silver

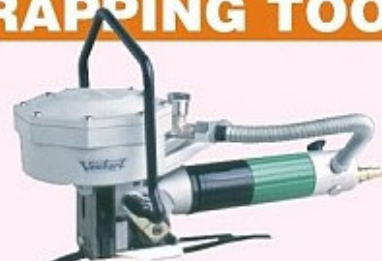


1. Pull strap anti-clockwise around package. Strap end is bottom layer.
2. Slide both layers of strap under feedwheel.
3. Tension
4. Apply seal. Crimp. Cut strap.

Venhart STEEL STRAPPING TOOLS



SPINNOX B TOOL
Straps signs, conduit, etc., to poles. One end of a pre-cut length of stainless steel strap is threaded through a buckle. The other end is looped around the pole, through the buckle, cutter and gripper. The strap is tightened by winding the handle, the end folded back and hammered flat then trimmed with the Spinnox B cutter. Finally, the buckle lugs are hammered flat. Weight 1.785kg. Uses Venhart SS buckles.



VH33ST PNEUMATIC STEEL STRAPPER
Simply feed the pre-cut strap through the seal, hand tighten around the article, insert the overlapping strap end in the strapper and position the sealing jaws on the seal. Press the button to tension. Press the sealing lever to crimp and trim instantly. Easily handles high tensile strapping. Deluxe quality with balancer hook. Available for 13, 16 and 19mm wide strapping. Air supply 85psi. Weight 3.90kg. Use Venhart ST seals.



No 31D STEEL STRAPPING SHEARS
Long 230mm handles produce enough leverage to cut Venhart 19mm steel strapping with one action. Made from cast iron with plastic covered hand grips. Safety guard prevents the strap end from springing up when cut. Weight 780g.

Venhart SEALS FOR STEEL STRAPPING



ST13, 16, 19
Special thread-on design for the VH33ST Pneumatic Strapper (above). 12.7mm, 15.5mm and 19mm wide x 23mm long. Thickness 0.6mm. Zinc finish. 12.7mm 3000 per pack, 15.5mm and 19mm 2000 per pack.



XSOL4, 5, 6
12mm, 15mm and 19mm wide x 30mm long open flanged, snap-on seals for use with the Venhart No 21C crimper (above). Thickness 0.5mm. Zinc finish. 12mm and 15mm 1000 per pack, 19mm 2000 per pack.



S4, 5, 6
12mm, 15mm and 19mm wide x 19mm long metal, closed flange seals for use with the Venhart No 20, No 24 tensioners (above). Thickness 0.5mm. Zinc finish. 1000 per pack.



SC4, 5, 6
12mm, 15mm and 19mm wide x 26mm long metal, closed flange seals for use with the Venhart No 28, No 28B and No 29 combination tensioner-crimpers (above). Thickness 0.35mm. Copper finish. 2000 per pack.



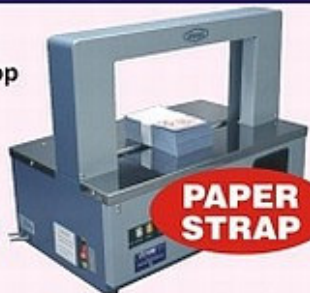
SS3, 4, 5, 6
10mm, 12mm, 15mm and 20mm wide x 22mm long stainless steel, knockdown buckles. Thickness 0.85mm (SS6 1mm)*. Zinc finish. Use with the Venhart Spinnox B tool (above) and stainless steel strapping. 100 per pack. *All except SS5 also available 0.42mm thick.

Venhardt BRAND STRAPPING MACHINES



VH301
Benchtop

FILM STRAP



PAPER STRAP

Benchtop strapper for packing labels, bank notes, reports, brochures. VH301F uses 30mm wide film strap. VH301P uses 30mm wide paper strap. * Automatic or manual. * Strap speed increased from 24 to 30 straps per minute. * Noise level decreased from 82dB to 70dB. * 3 tension settings, film 5N to 40N, paper 5N to 30N. * Adjustable temperature control. * Adjustable strap feeding time. * Safety power-off when door is opened. * Package size, min. 30mm wide x 10mm high. Max. 380mm wide x 200mm high. * Machine size 570mm wide x 346mm deep x 490mm high. * Weight 33kg. * Power supply 240v. * Includes foot switch.



VHAE2/APL

Fully automatic with paper press. Compresses parcels of waste paper etc. before strap is applied. Arch 850mm wide x 600mm high. Uses 12mm wide PP strap. Tension adjustable from 9.5 kg to 70kg. Minimum package size: 800mm wide x 80mm high. Single phase power.



VHPE11D

Vertical stainless steel semi-auto. 24 straps per minute. Table size 675mm wide x 350mm deep. Tabletop height adjusts from 400mm to 900mm. Tension 45kg



VHAE2A

Fully automatic. A roller ball switch activates the strapping cycle. Also manual mode with start switch or foot pedal operation. Arch 810mm wide x 600mm high. Uses 12mm wide PP strap. Tension to 70kg. Single phase power.



VHAE2/AB

Fully automatic with power belt take-away conveyor. Arch 850mm wide x 600mm high. Uses 12mm wide PP strap. Tension to 70kg. Single phase power.



VHAE6D

28 straps per minute. Fully automatic for PP strap 5mm to 6mm wide. Simple external strap tension adjustment to 28kg. Strap ejector automatically clears unwanted strap and short feed sensor ensures operation only when strap is at the sealing position. Arch 650mm wide x 500mm high. Machine weight 125kg.

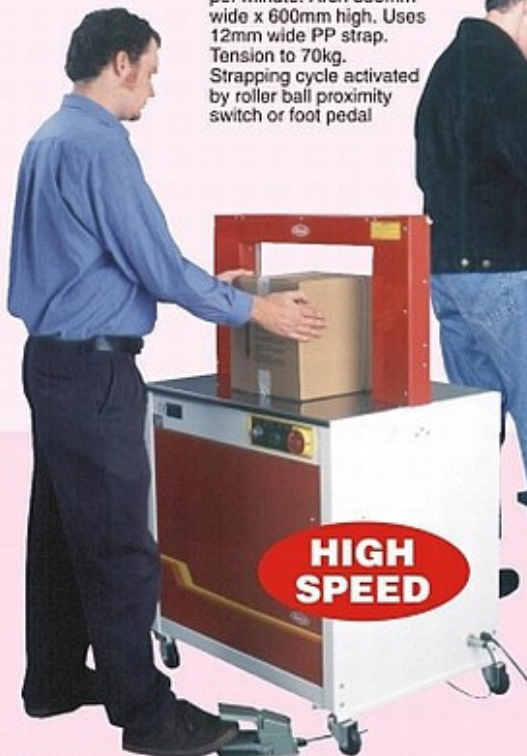


VHA5

Fully automatic. Arch 800mm wide x 500mm high. Adjustable for 6mm, 9mm, 12mm and 15mm wide PP strap. Tension to 60kg.

VHAE2D

Fully automatic. 27 straps per minute. Arch 850mm wide x 600mm high. Uses 12mm wide PP strap. Tension to 70kg. Strapping cycle activated by roller ball proximity switch or foot pedal



HIGH SPEED

VHAE3D Fully Automatic – 50 straps per minute Ready in 90 seconds. Simple, safe and quiet (just 70dB) with lockable castoring wheels for easy mobility. * Uses PP strap 5 to 6mm wide and 0.35 to 0.5mm thick. * Large stainless steel tabletop. * High capacity strap reel. * Safety power-off when door opened or tabletop removed. * Strap reel diam. 200mm. * Machine size: 830mm wide x 570mm deep. * Arch size: 550mm wide x 400mm high. * Minimum package height 60mm. * Table height: 870mm to 1020mm * Weight: 150kg. * Power supply 240v. * Foot switch included.

VHPE12D Semi automatic

Simple but sophisticated. Low maintenance, easy to service with no chain belts or pulley. Motors, stepped down to 24v DC for safety, run only during strapping cycle.

* Uses PP strap 5 to 13mm wide. * Tension adjustable from 3 to 45kg. * Strap feed adjustable using the jog switch. * Adjustable cooling time. * Sensor controlled heating/sealing for consistent seals. * Table height: 780 to 950mm. * Weight 70kg. * Optional digital display of tension and feed length. * Power supply 240v. * Lockable castoring wheels.



QUIET OPERATION

VHPE10DS Semi automatic

Instant heating. Strap is simply placed around the package and into the strap inlet to activate the strapping cycle. * Easily adjustable for strap widths of 6, 9, 12 and 15.5mm. * Speed, 24 straps per minute * Simple PC board replacement. * Feed system, tensioning device and cams designed to eliminate splitting, bending and scratching. * Stainless steel tabletop with safety power-off when opened. * Size 910mm long x 582mm deep x 785mm high. * Adjustable tension to 25kg. * Weight 100kg. * Power supply: single phase 240v. * Lockable castoring wheels.



BEST SELLER

ZAPSTRAPPER[®]

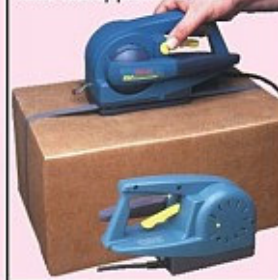
RECHARGEABLE WORKS ANYWHERE!

VH22 and VH26

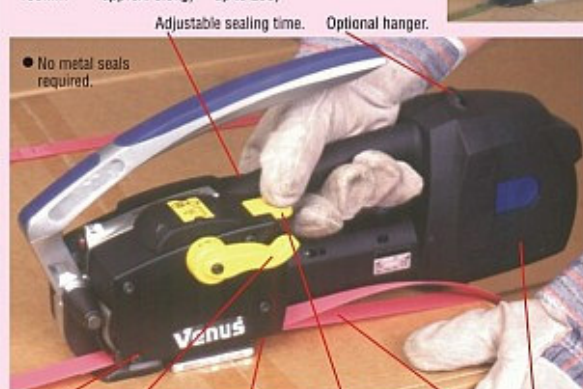
Zapstrapper tensions, friction seals and cuts, producing a seal approximately 80% as strong as the strap itself. The battery pack, Bosch 30 minutes charger and extra strap guides to suit various strap widths are included. Conforms to major safety standards including TUV, EMC and CE.

Specifications					VH22 VH22-19		VH26-19	
Model	Strap	Tension kg	Strap Width mm	Strap Thickness mm	Dimensions (mm) L x W x H	Sealing time adjustment (secs)	Tool weight (kg)	Battery weight (kg)
VH22-12/16	PP	70 to 130	12-16	0.65 to 1.05	390x128x135	0.6-4.8	3.30	0.95
	PET	70 to 200	12-16	0.50 to 1.05				
VH22-16/19	PP	70 to 130	16&19	0.65 to 1.05	390x128x134	0.6-4.8	3.35	0.90
	PET	70 to 200	16&19	0.50 to 1.05				
VH26-16/19	PP	50 to 180	16&19	0.75 to 1.05		up to 250	up to 200	up to 2000
	PET	90 to 330	16&19	0.65 to 1.05				

Mk II
Industrial quality for the packing bench and carton sealing. Seals strap from 12mm to 15.5mm wide and 0.55mm to 0.85mm thick. Seal strength 70% of strap breaking strength. Maximum tension 45kg. Weight 2.3kg. GS, CE, and UL approved.



- LxWxH 390mm x 128mm x 135mm
- Weight approx. 3.30kg (+ battery approx. 0.9kg)
- Strapping cycles between charging up to 180 (VH26-16/19 up to 250)
- Recharge time 30 minutes



- No metal seals required.
- Adjustable sealing time.
- Optional hanger.
- Adjustable front and rear strap width guides.
- Sealing lever activates friction welding then cuts off excess strap.
- Changeable strap cutting blade.
- Tensioning can be stopped and started at any time.
- One-step strap inserting.
- Battery life (charges) up to 2000

Tensions and welds PP and PET strap



VH22 ECONOMY
Max. Tension PP 130kg PET 200kg

VH26 HEAVY DUTY
Max. Tension PP 180kg PET 330kg

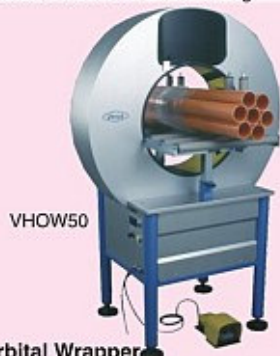


String Tyer

Fully automatic. Ties parcels and boxes. Bundles loose items such as garden stakes, brackets, moldings, and rolls of fabric. Press the foot pedal and it's tied using Venhart PE28 or PE35 flat polythene tying twine. Package size: minimum 50mm x 60mm, maximum 500mm x 600mm. Tension: 15kg

30 parcels per minute!

VH5060A



Orbital Wrapper

Bundles pipes, bars, tubes, blinds, garden stakes etc. * Adjustable tension. * Foot switch operation. * Max. pack size 470mm (diam.), 340mm (square), 470mm (diag.), length unlimited. * Uses stretch film 100mm wide x 1000m long x 23 micron thick. * Machine size 795mm wide, 825mm deep, 1500mm high. * Table height adjustable from 780mm to 1030mm. * Weight 150kg. * Power supply 240v. * Complies with CE safety standards.

BOSCH 30 minute charger.



Battery: 14.4V 3000mAh NiMH high capacity

Adaptor

Battery

Venhart[®] STRAPPING DISPENSERS

Dispensers for PP strap



VH8E

Strong, tubular steel chrome frame. Easy loading; one large wingnut secures the spool in place. Spring activated brake prevents overfeeding. Suits rolls 200mm wide with 200mm I.D. core including Venhart 3000m machine band and 1000m heavy band burgundy and black. Size: 460mm wide x 390mm deep x 570mm high.



VH8A

Extra strong welded chassis with spring activated brake. Suits standard 140mm I.D. core hand rolls of Venhart No1 and No2 PP strap.



VH11AC

Extra strong welded chassis with solid rubber wheels and spring activated brake. Tray for tools and seals. Adjustable to suit spools from 200mm to 400mm I.D. core including 3000m Venhart flat polyester heavy band.



VH11B

For 3000m PP strapping. 200mm ID core.



VH9E

Suits rolls 200mm wide with 200mm I.D. core including Venhart 3000m machine band and 1000m heavy band burgundy and black. 150mm wheels, rubber tyres and a large tray for tools and seals. Strong tubular steel chrome frame. Easy loading; one large wingnut secures the spool in place. Spring activated brake prevents overfeeding. Size: 510mm x 460mm x 890mm.

VH10E

For polyester cord band strapping. 76mm ID core.



Dispensers for steel strap

VH4

Four rollers support the strapping within a welded triangular frame made from 5mm x 27mm steel. The lateral stabiliser and the handle with plastic grip are made from 30mm diameter tubular steel. Lightweight when empty. Stable when loaded. Takes a single coil up to 19mm wide and 600mm diameter. Weight 5.30kg.



VH12SS

Takes a single coil up to 19mm wide and 520mm diameter. Strong triangular construction with tool tray and 6" plastic wheels.



VH11SS

Takes coils up to 710mm outer diameter. Inner core 400mm diameter. Strong construction with tool tray and 6" steel and rubber wheels.

