



SIAT Taping Unit Technology

Vento™ 50-75 Pneumatic Taping Units

DATASHEET

SAFE • SUSTAINABLE • SMART

The new **Vento™ 50-75** are the innovative and sustainable **Pneumatic Units for Pressure Sensitive Tapes** specifically designed and created by SIAT to even **handle boxes under-filled or that present holes** in the part to be taped thus avoiding accidental tape cuts and/or compromising tape adhesion.

They process different types of tape such as PVC, PP and now also PAPER, offering perfect taping results and being sustainable for the environment too. All tapes can be applied on different sizes from 50 to 75 mm, enabling you to maximize productivity by allowing line speed to be set up to 30 meters per minute (100 fpm).

Installing a SIAT Vento™ Pneumatic Taping Units will allow you to have an innovative and versatile taping head that will bring your taping experience to a next level as specifically conceived for consistent and quality sealing in high-speed taping applications and under-filled boxes.

Designed to fit on different case sealing systems with logic on board, such as SIAT Nastro™ or to be retrofitted to SIAT machines with logic on board. The new Vento™ 50-75 taping units are **produced in Italy with the best quality components**.



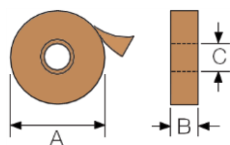
KEY FEATURES

- ✓ **Innovative** - designed for under-filled boxes applications
- ✓ **Eco-friendly** – PAPER tape applicable
- ✓ **Intelligent** - disable tape cutting during taping operations to avoid accidental cutting
- ✓ **Precise setting** - fine adjustment of roller strength thanks to pneumatic cylinder connected to pressure regulator
- ✓ **Easy maintenance** - easy access to wear parts
- ✓ **Versatile** - Available for 50- and 75-mm tape width
- ✓ **CE compliant** - engineered and produced in Italy according to EU safety standards
- ✓ **Quick tape replacement** - easy threading, allowing an easy removal of the head for tape replacement
- ✓ **Adjustable working conditions** – adaptable spring position for roller strength variation, to verify the touching area according to the quality of the box
- ✓ **Stable tape drum** – to guarantee a firm presence of the tape inside the drum
- ✓ **Correct tape tension** - friction roller and tape drum for proper tape unwinding

PROCESSABLE TAPES

Base Material	PVC / OPP / PET / Paper*
Adhesive Type	Solvent / Hot Melt / Acrylic
Special Tape	Filament-Tape** / Safety-Seal-Tape***

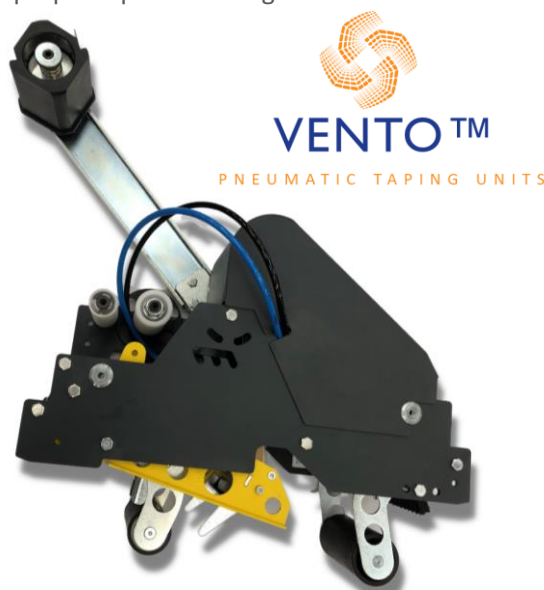
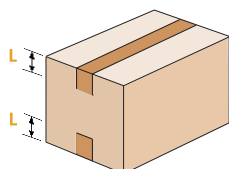
*with limitations **special tape cutting blade required ***need of a test might be necessary



Vento™ 50 / Vento™ 75	
A	Max. 410 mm
B	50 / 75 mm
C	76 mm

TAPE LEG

Tape Leg Dimension L	
Vento™ 75	30/50/70 +/- 5 mm
Vento™ 50	



VENTO™
PNEUMATIC TAPING UNITS

MADE IN ITALY

Vento™ 50-75 Pneumatic Taping Units



DATASHEET

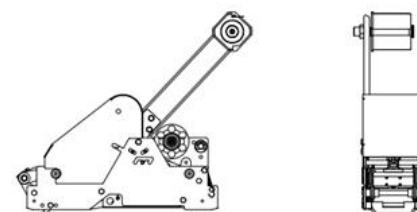
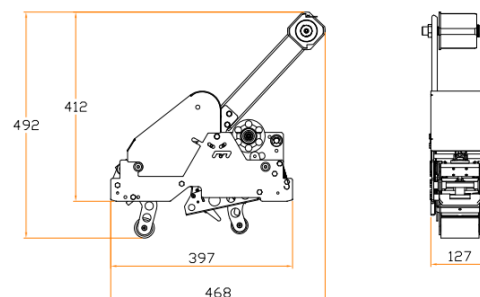
Taping Head	Vento™ 75	Vento™ 50
Tape width [mm] (B)	75 (3")	50 (2")
Leg [mm] (D)* (+/- 5)	30/50/70 +/- 5	
Top and bottom head	•	•
Left and right head	•	•
Dimensions (closed rollers) LxWxH [mm]	400x130x400	400x105x400
Dimensions (open rollers) LxWxH [mm]	400x130x490	400x105x490
Center to center mounting distance [mm]*	278 / 350	278 / 350
Min. box dimensions for 30 mm leg LxWxH [mm]*	100 x 130 x 40	100 x 105 x 40
Min. box dimensions for 50 mm leg LxWxH [mm]*	100 x 130 x 60	100 x 105 x 60
Min. box dimensions for 70 mm leg LxWxH [mm]*	100 x 130 x 80	100 x 105 x 80
Maximum tape reel diameter [mm] (A)	410	
Tape reel inner diameter [mm] ©	76	
Maximum taping speed [m/min] (A)	30	
Weight [kg]	6,6	6,2
Type of tape	PVC, PP, PAPER (and REINFORCED but with filament tape kit)	
Available Options	Vento™ 75	Vento™ 50
Additional roller for improved taping quality	•	•
Device that signals the breaking of the tape end: End Broken Tape (EBT)*	•	•
Filament tape kit	•	•

AVAILABLE OPTIONS

- **Device for the End or Break of Tape** - for machines with logic it is possible to install a disk connected to the photocell that signals the end and/or the accidental break of the tape
- **Filament tape kit** - to process higher strength filament tapes
- **Silent unwinding** - to achieve a greater noise reduction

NOTES

- 1) Box dimensions and maximum reel diameter may also be limited by the machine on which the head is installed
- 2) Low box heights can be achieved through misaligned top and bottom heads positioning
- 3) To exploit the potential of a taping unit with the end/broken tape device, the machine needs to have photocells and logic on board
- 4) When ordering it is necessary to highlight the length of the Leg (see dimension L drawing in first page)
- 5) The spacers, necessary for the housing of the head, must be kept when ordering a new head as a spare



All SIAT taping units process paper tape (PST), which makes it possible to create a single-material packaging and therefore environmentally friendly and recyclable as a whole.



MORE DETAILS

Videos and further information can be found on our website or SIAT YouTube channel.



For retrofit projects feel free to contact SIAT dealers or our after sales department.