

TYPE	TAPE PROCESSED
PNEUMATIC	PSA TAPES

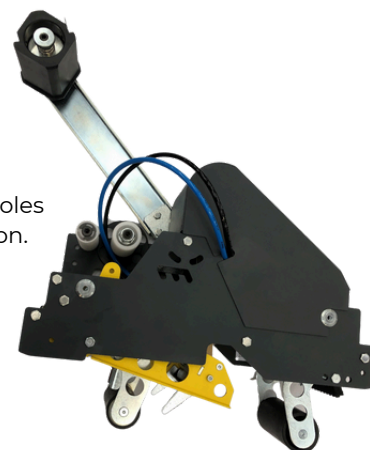
VENTO TAPING UNIT

PNEUMATIC SEALING UNIT

The new Vento™ 50-75 are the innovative 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. The pneumatic control on the cutting system decrease the impact on boxes as well, making these units smooth in processing.

They manage different types of tape such as PVC, PP and PAPER from 50 to 75 mm width, enabling to maximize productivity and quality of sealing with a maximum line speed up to maximum 35 meters per minute (115 fpm).

To be installed, Vento units require machines equipped with logic on board.



KEY BENEFITS

BOX PROTECTION

thanks to the pneumatic control, the impact on the box during sealing process is heavily reduced making the application smooth without damaging the packaging

UNDERFILLED BOXES

Designed specifically for applications like e-commerce, where boxes are often not properly filled, creating issues during sealing, especially with traditional mechanical units that could fail.

LONG LASTING

Robust design and high quality component leading to limited maintenance and capability to last for years in heavy-duty applications

FLEXIBILITY & VERSATILITY

Available in different configurations, K-Series Units can process tapes from 50 to 75mm, both in paper and plastic, till reinforced tape, with possibility to apply different tape legs

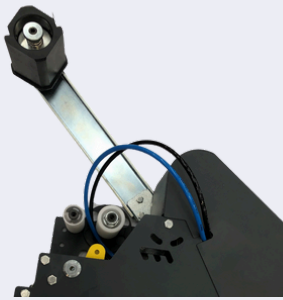
SPECIFICATIONS

Tape Width (mm)	75 (3'')	50 (2'')
Leg (mm) (+-5)	30/50/70	
Top and Bottom Unit	x	x
Left and Right Unit	x	x
Dimensions (closed rollers) LxWxH [mm]	402 x 129 x 424	402 x 106 x 424
Dimensions (open rollers) LxWxH [mm]	402 x 129 x 517	402 x 106 x 517
Center to center mounting distance [mm]	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]	410	
Tape reel inner diameter [mm]	76	
Maximum taping speed [m/min] (A)	35	
Weight [kg]	8,4	7,7
Type of Tape	PET, PVC, PP, PAPER (and REINFORCED but with filament tape kit)	
* Considering the taping unit ONLY (not in combination with SIAT equipment)		



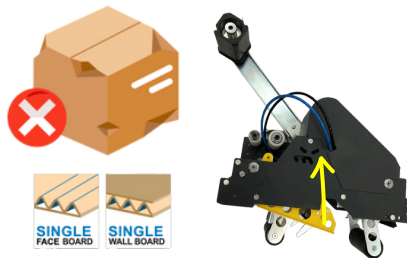
KEY FEATURES

High Quality Sealing



Stable tape drum, friction roller and non-return roller for excellent tape unwinding, adaptable spring position to adjust the tape application and easy-to-set tape leg for perfect box sealing

No Damages on Boxes



The special pneumatic control of the cutting system overcomes the limits of mechanical units which can damage light boxes during sealing operations, avoiding scratches.

No More False Cut



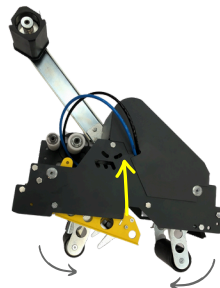
The pneumatic cutting makes the unit perfect for E-Commerce and packaging processes with high variety of products and box sizes optimization lead to underfilled boxes, that could collapse under mechanical unit pressure

All-in-One



Every taping unit of the K-Series can perfectly process all kind of packaging tape commonly used in the market, from paper to plastic, including reinforced tape

ByPass

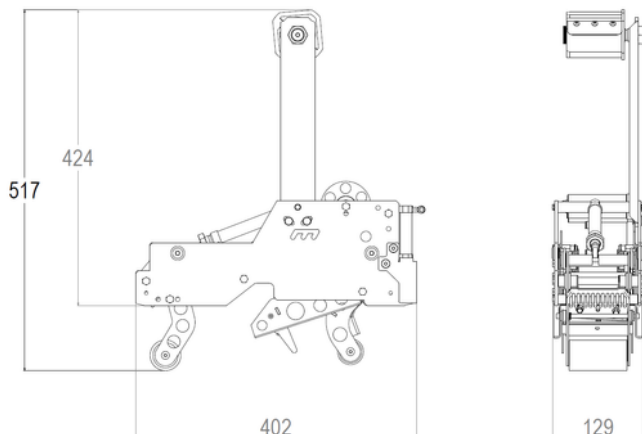


A special configuration allows to pneumatically control both cutting system and adhesion rollers, avoiding impact and tape application on boxes/packs that don't require to be sealed (ByPass function)

Easy Tape Leg Setting



With few operations it is possible to easily change the cutting system to set different tape legs (from 30 to 70 mm), securing the box according to the needs.



OPTIONALS

Filament Tape Kit for reinforced tape

End/Broken Tape Device (only for machine with Logic - Electronic Board or PLC)

Full ByPass

