



NASTRO-SB AQUA™

the professional solution
for sustainable packaging



SEMI-AUTOMATIC CASE SEALER

NASTRO-SB AQUA™ UNIFORM TB



UNIFORM FORMAT CASE SEALER FOR WATER ACTIVATED TAPE

For years, water-activated tape has resurged due to its effectiveness in package protection and its alignment with sustainability, recyclability, and superior performance.

Today's Water activated tape excels because it's recyclable with cardboard and offers exceptional adhesion, adapting to various temperatures and supporting heavy packages. Its strong adherence to cardboard also makes it tamper-resistant, enhancing security.

However, transitioning to this technology has been challenging, as users have had to rely on mostly manual and ergonomically poor dispensers.

SIAT, a leader in advancing packaging technologies to support customer growth, introduces Nastro-SB Aqua a new case sealing system that combines automation with sustainability.

Nastro-SB Aqua replaces manual dispensers with an automated solution, enhancing both sustainability and performance.

Available on the Nastro-SB platform, Nastro-SB Aqua applies both reinforced and non-reinforced water-activated tapes quickly and ergonomically. The Nastro-SB Aqua range includes models for only bottom sealing, fixed formats, and random sizes.



FEATURES & BENEFITS

From Manual to Automated Process:

- The **automated solution** to **replace manual operations** with a table dispenser, significantly increasing **productivity** and improving **ergonomics** (eliminating the need for manual tape handling).
- **Easy and ergonomic tape reel changeover** and **threading** for seamless operation.
- **Intuitive HMI** for fast setup and **simple control**, combined with **clear diagnostic** features to streamline operations.
- Able to perform in cold environments with an **automatic heating system**, ensuring energy-efficient operation even in challenging conditions.
- Designed for **easy cleaning** and **maintenance**, ensuring a longer product lifecycle and reducing waste.

Driver of Sustainability:

- Flexible solution capable of using both Reinforced and Non-Reinforced Water Activated tapes, creating **recyclable packaging**.

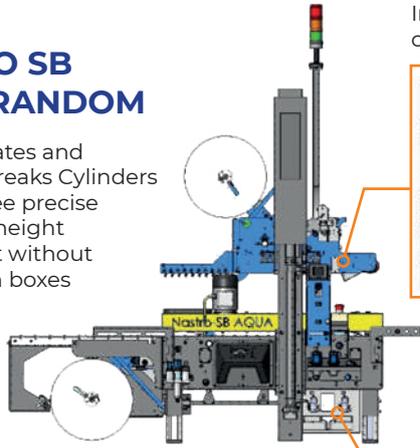
Superior Performance with Anti-Tamper Tape:

- Capable of sealing a **wide range of box sizes** with **adjustable tape legs** from 50 to 70mm, ensuring secure closure and tamper-evidence. **Precise pneumatic management** of tape pressure on boxes, adapting to various tape qualities and ensuring optimal sealing every time.
- Enhanced box integrity with the use of **anti-tamper Water Activated tapes**.

FEATURES	NASTRO-SB AQUA UNIFORM	NASTRO-SB AQUA RANDOM
BOX ADJUST	Manual	Random
SEALING TYPE	Water Activated Tape	Water Activated Tape
SEALING SIDE	Top & Bottom	Top & Bottom (Only Bottom available)
OPERATOR SIDE	Left	Left
OPERATING TEMPERATURE	+5°C / +40°C	+5°C / +40°C
TAPING UNIT TECHNOLOGY	Pneumatic	Pneumatic
TAPE REEL max diam. (mm)	410	410
TAPE REEL core (mm)	70 - 76	70 - 76
TAPE width (mm)	50 - 80	50 - 80
TAPE leg (mm)	50 - 70	50 - 70
TOP & BOTTOM UNITS	YES	YES
BELT SPEED	3 speed (max 23 m/min.)	3 speed (max 23 m/min.)
MAX SPEED PERFORMANCE (according to box length, box filling, box quality and operator performance)	10 bpm	7 bpm
BELT POSITION	Side	Side
BOX L MIN-MAX (mm)	150 - INF.	150 - INF.
BOX W MIN-MAX (mm)	150 - 650	150 - 650
BOX H MIN-MAX (mm)	130 - 500	130 - 600
Water Storage TOP UNIT (lt.)	1	1
Water Storage BOTTOM UNIT (lt.)	1	1
TYPE OF WAT PROCESSABLE (both vegetable & animal glue)*	STD > 70 gr. + Reinforced	STD > 70 gr. + Reinforced
HMI	Color Touch Screen Display 2,8 inch.	Color Touch Screen Display 2,8 inch.
AQUA LOGIC	Pause Mode	Pause Mode
	Threading Mode	Threading Mode
	Unit Diagnostics	Unit Diagnostics
	Tape leg set up	Tape leg set up
	Temperature set up	Temperature set up
OTHER	Easy Bottom Reel change	Easy Bottom Reel change
	Precise adjustment of taping rollers	Precise adjustment of taping rollers
	Missing tape feeding/End Tape	Missing tape feeding/End Tape
	Beacon	Beacon
	Counters on handles	

NASTRO SB AQUA RANDOM

Indexing gates and Dynamic Breaks Cylinders to guarantee precise automatic height adjustment without pressure on boxes



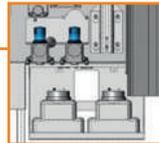
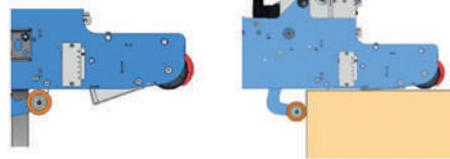
Intuitive touchscreen HMI with full control and diagnostic in few clicks



NASTRO SB AQUA UNIFORM



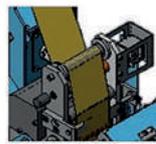
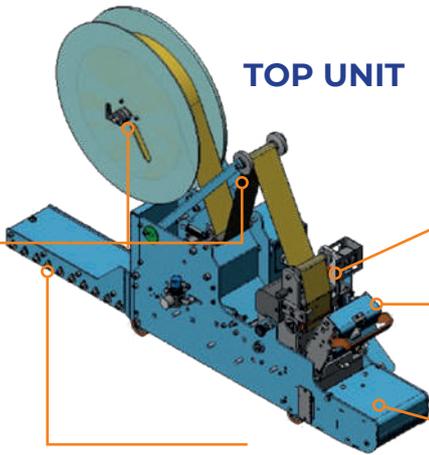
Counters on handles



2 liters storage refillable with tap water

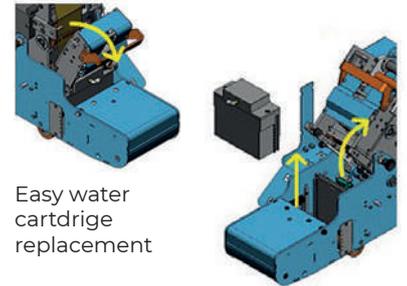


TOP UNIT



Econdor for tape length management

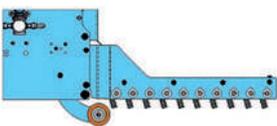
Top opening for easy access and easy tape threading



Easy water cartridge replacement

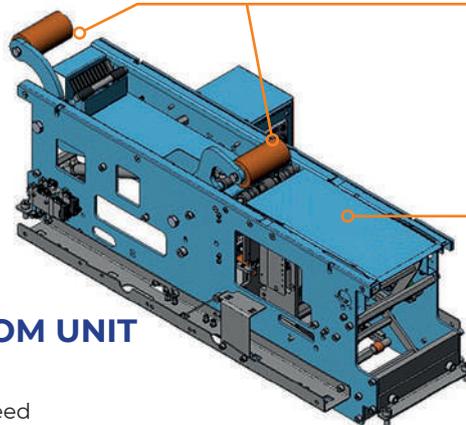
Automatic heat and water supply control for best adhesive activation

Adjustable outfeed wiping system for excellent tape adhesion

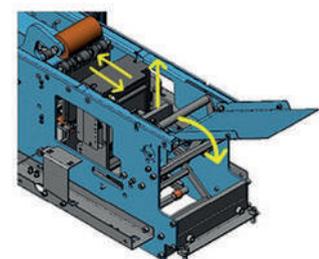


Adjustable tape roller support and roller guides + dancer for stable tape unwinding and feeding

Perfect pneumatic management of tape pressure on boxes to adapt on various consumables qualities

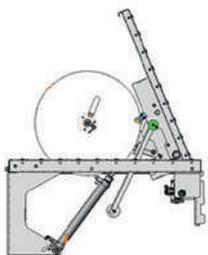


Bottom unit opening for easy access, tape threading and water cartridge replacement



Automatic heat and water supply control for best adhesive activation

BOTTOM UNIT



Pneumatic outfeed bench for easy and ergonomic reel replacement





The SIAT Group



Headquartered in Northern Italy, SIAT is established as a quality leader in end-of-line industrial packaging solutions, specializing in taping, strapping and wrapping machines, as well as flexographic printing machines.

Based in Ohio (USA), Combi is a Northern American producer of industrial packaging systems, engineering and manufacturing case erectors, tray formers, case sealers, case packers, robotic packaging systems, and ergonomic monoblock hand-packing stations.



Located in Northern Italy, Tam has been producing small metal parts and providing precision machining services for over 30 years.

For over 50 years, we have been manufacturing high-tech equipment and are proud to be recognized by our customers as among the leading brands in packaging machinery and components. Our solutions are utilized across various industries, including food and beverage, e-commerce, logistics, packaging, and consumer products.

Our machines are designed to:



Increase customer productivity

Our machines boast an average life of 25 years, while our customers pay off their investment in only 4 to 5 months.



Lower the total cost of ownership

Our machines are designed for easy maintenance and simple installation. They are developed to be user-friendly and durable, while also being easy to integrate and manage.



Reduce environmental impact

We strongly believe in pursuing this goal through our environmental approach, envisioning the future of packaging as a collaborative effort with our customers to find the most sustainable and secure solutions. Each machine is designed to consume less energy, minimize material usage, and reduce waste.



Be connected

Thanks to Optirun, the SIAT Group's IoT solutions brand, we can calculate tape and box consumption, monitor film usage, and track all machine parameters to prevent downtime.



E-commerce

Buy directly at www.shop.siat.com



Service

Contact our field service Team at servicenow@siat.com



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