

NEW



NASTRO-SB[®] M-Series

Automation Grade	<i>SEMI</i>	<i>Fully</i>	Use Intensity	<i>Small</i>	<i>MEDIUM</i>	<i>High</i>
Format Setting	MANUAL	<i>Automatic</i>	Box Dimension	SMALL	MEDIUM	LARGE

DATASHEET

SAFE • SUSTAINABLE • SIMPLE

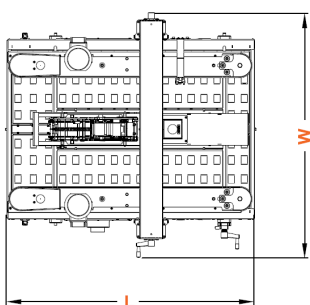
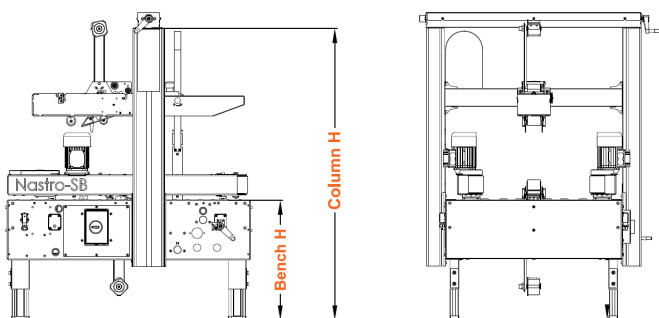
Semi-Automatic Case Sealer

Nastro-SB[®] M-Series is a range of semi-automatic case sealing machines designed and engineered by SIAT specifically for small to very large fix sized boxes. Nastro-SB[®] M-Series is the ideal case sealing machine for a variety of industries like food & beverage, chemical, clothes and wine.

KEY FEATURES

- ✓ **Practical** - Seals upper & lower flaps of cardboard cases or cartons
- ✓ **Added Protection** - Lockable electric isolation switch
- ✓ **Safety First** - Central (M5) or double (M6 - M8) emergency stop to work safety on both sides of the machine
- ✓ **Taping Heads** - Available with K11 or K12 taping heads
- ✓ **Simple Operation** - Intuitive and quick machine set-up
- ✓ **Quality Build** - Best-In-Class components with SIEMENS electrics
- ✓ **New feature** - Top taping head removable
- ✓ **Improved Design** - Quick release Taping Heads (Top & Bottom – No tools required)
- ✓ **CE compliant** - Engineered and produced in Italy according to EU safety standards

MACHINE DIMENSIONS



Also available:

- **L-Version**
for narrow and very flat boxes
- **OB-Version**
for taping only on bottom side (w/o columns and top structure)



Machine Dimensions	M5		M6		M8	
	Min	Max	Min	Max	Min	Max
H Column (mm)	1.315	1.575	1.465	1.725	1.575	1.835
H Bench (mm)	540	800	540	800	540	800
W (mm)	970		1.140		1.290	
W Bench (mm)	800		950		1.100	
L (mm)	1.100		1.100		1.100	

Standard Power Supply	
380/415V - 50Hz - 3ph	
440V - 60Hz - 3ph	
Amps	1,08
Power kW	0,26
Phase	3Ph + PE



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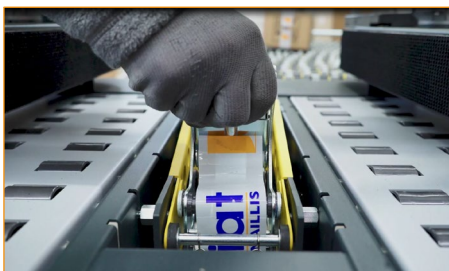
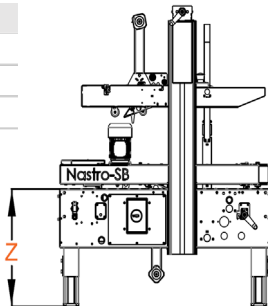
Technical Data

Belt position	Lateral (Left & Right)
Box Size	Medium / Large / Small (L-Version)
Min / Max box weight	0,5 - 32 kg
Default Taping Head	M5: K11 for 2" = 50 mm
	M6/M8: K12 for 3" = 75 mm
Alternative Taping Heads	M5: K12 for 3" = 75 mm
	M6/M8: K11 for 2" = 50 mm
Power Consumption (std.)	0,26 kw
Air Consumption (NL/Cycle)	-
Operator Side	Left (std.) / Right
Tape width (mm)	50 / 75
Tape Leg (mm)	70 (std.) / 50 / 30
Ingress Protection Code	IP54
Ambient Operating Temperature	5 – 40 °C
Maximum level of noise	Depending on tape quality
Features	
Removable Top Taping-Head	• (std. w/o tools)
Removable Bottom Taping-Head	• (std. w/o tools)
Adjustable Tape Leg	•
Pre-Installed & Easy-To-Mount	•
Adjustable Tape Contact Pressure	•
Autom. Box Format Setting	-
Flap Folding Function	• (opt. 3-flap-folder)
Belt Speed Selection	-
Fully Automatic Operation	-
SIAT Taping-Logic on board	-

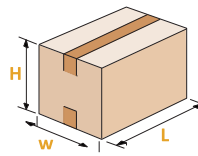
WORKBENCH HEIGHT

Dimensions (mm)	
Workbench Height Z	540 – 825
Optional wheels*	+ 110
Optional elongated legs*	+ 220
Optional shorter legs*	- 100

* Indicated dimensions for optional wheels and legs must be added or subtracted from the basic dimensions.



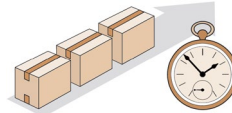
BOX DIMENSIONS & PRODUCTIVITY



Box Dimensions		M5	M6	M8
L (mm)	Min.	150		
	Max.	∞		
W (mm)	Min.	150 ¹		
	Max.	500	650	800
H (mm)	Min.	120 ^{1,2}		120 ²
	Max.	500	650	800

¹ as L-Version: W = 105 mm
as L-Version & with tape-leg 30 mm: H = 50 mm

² 90 mm with 30 mm tape leg
100 mm with 50 mm tape leg
120 mm with 70 mm tape leg



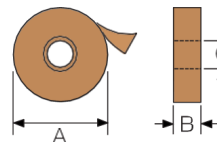
Max. production capacity:
Up to 1.200* BPH

*Based on the shortest processable box length and provided an optimum continuous box infeed by the operator.

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



K11R / K12R	
A	Max. 410 mm
B	50 / 75 mm
C	76 mm

BOX REQUIREMENTS

Quality result of the taped box depends on the general box quality and dimensional accuracy, as well as the quality of tape used.

Box Types: FEFCO 0201 / 0200* – RSC / HSC*

[other types may be possible as well]

* FEFCO 0200 / HSC with OB-Version (only bottom taping) or on request

Adverse Impact Factors	Underfilling	Overfilling	Weak Boxes

OPTIONS & ACCESSORIES

- Operation side "Right" (std. "Left")
- Special cutting blades filament-tape
- Taping Head for 25/30 or 38mm width
- Power Supply 220/230V – 50hz – 1ph
- Higher Legs
- Casters / Wheels
- Fix & Extendable Roller Conveyors
- 3-Flap-Folder
- Box Holder
- Energy Saving Kit
- End/Break Tape Device

MORE DETAILS

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

