

NEW



NASTRO-SB™ X-Series

| | | | | | | |
|------------------|---------------|------------------|---------------|--------------|---------------|--------------|
| Automation Grade | <i>SEMI</i> | <i>Fully</i> | Use Intensity | <i>LOW</i> | <i>Medium</i> | <i>High</i> |
| Format Setting | <i>MANUAL</i> | <i>Automatic</i> | Box Dimension | <i>SMALL</i> | <i>MEDIUM</i> | <i>Large</i> |

DATASHEET

SAFE • SUSTAINABLE • SMART

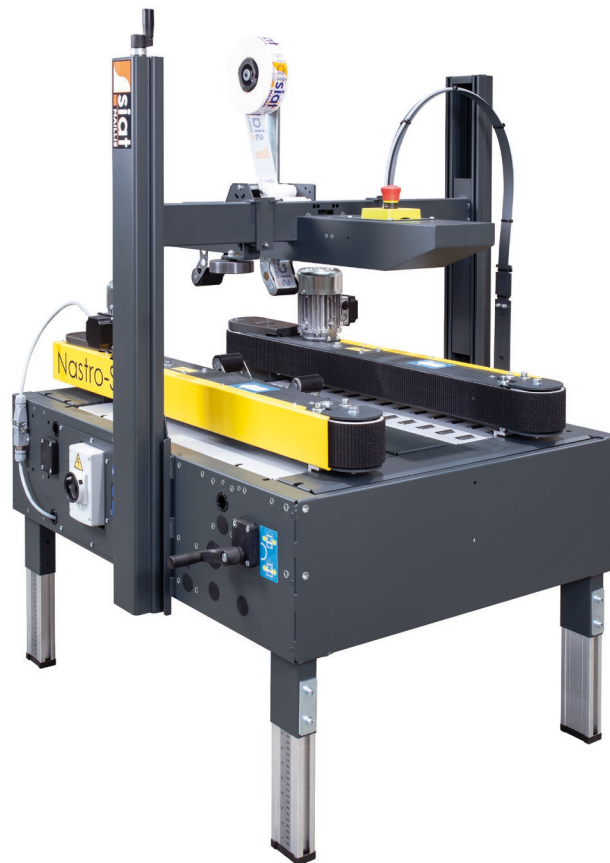
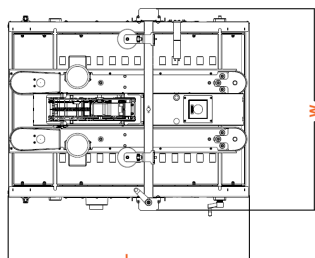
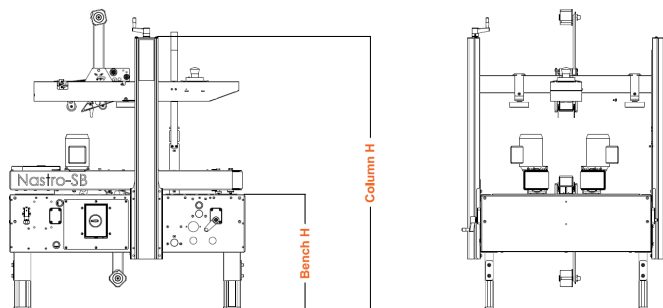
Semi-Automatic Case Sealer

Nastro-SB™ X-Series is a range of semi-automatic case sealing machines designed and engineered by SIAT specifically for small - medium fixed boxes. Nastro-SB™ X-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 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



| Machine Dimensions | | |
|--------------------|----------|----------|
| | Min (mm) | Max (mm) |
| H Column | 1.275 | 1.535 |
| H Bench | 540 | 800 |
| W | 950 | |
| W Bench | 800 | |
| L | 1.100 | |

| Standard Power Supply | |
|-----------------------|--------------|
| 380/415V - 50Hz - 3ph | |
| 440V - 60Hz - 3ph | |
| Amps | 1,08 |
| Power kW | 0,18 |
| Phase | 3Ph + PE + N |



Also available:

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



NASTRO- SB™ X-Series



DATASHEET

Technical Data

| | |
|-------------------------------|-----------------------------------|
| Belt position | Lateral (Left & Right) |
| Box Size | Medium (std.) + Small (L-Version) |
| Min / Max box weight | 0,5 - 32 kg |
| Default Taping Head | K11 for 2" = 50 mm |
| Alternative Taping Heads | K12 for 3" = 75 mm |
| Power Consumption (std.) | 0,18 kw |
| Air Consumption (NL/Cycle) | - |
| Operator Side | Left (std.) / Right |
| Tape width (mm) | 50 (std.) / 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

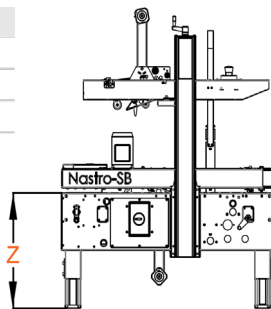
| | |
|----------------------------------|------------------------|
| Removable Top Taping-Head | • (std. w/o tools) |
| Removable Bottom Taping-Head | • (std. w/o tools) |
| Adjustable Tape Leg | • |
| Pre-Installed & Easy-To-Mount | • |
| Adjustable Tape Contact Pressure | • |
| Autom. Box Format Setting | - |
| Flap Folding Function | • (opt. 3-flap-folder) |
| Belt Speed Selection | - |
| Fully Automatic Operation | - |
| SIAT Taping-Logic on board | - |

WORKBENCH HEIGHT

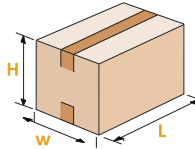
Dimensions (mm)

| | |
|--------------------------|-----------|
| Workbench Height Z | 540 – 800 |
| 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



¹ W = 105 mm as L-Version

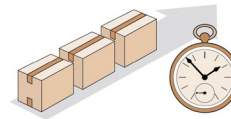
H = 50 mm as L-Version & tape-leg 30 mm

² 90 mm with 30 mm tape leg

100 mm with 50 mm tape leg

120 mm with 70 mm tape leg

| Box Dimensions | L (mm) | W (mm) | H (mm) |
|----------------|--------|------------------|------------------|
| Min. | 150 | 150 ¹ | 120 ² |
| Max. | ∞ | 500 | 500 |



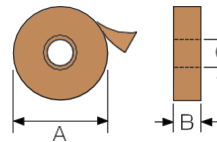
Max. production capacity:
Up to 1.200* BPH

*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

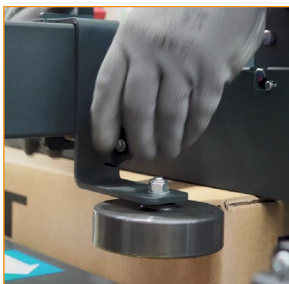
Quality result of the taped box depends on the general box quality and dimensional accuracy, as well as the quality of tape used.

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.



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SIAT.com