



SR27

| | | | | | | |
|------------------|---------------|------------------|---------------|--------------|---------------|--------------|
| 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 • STRONG

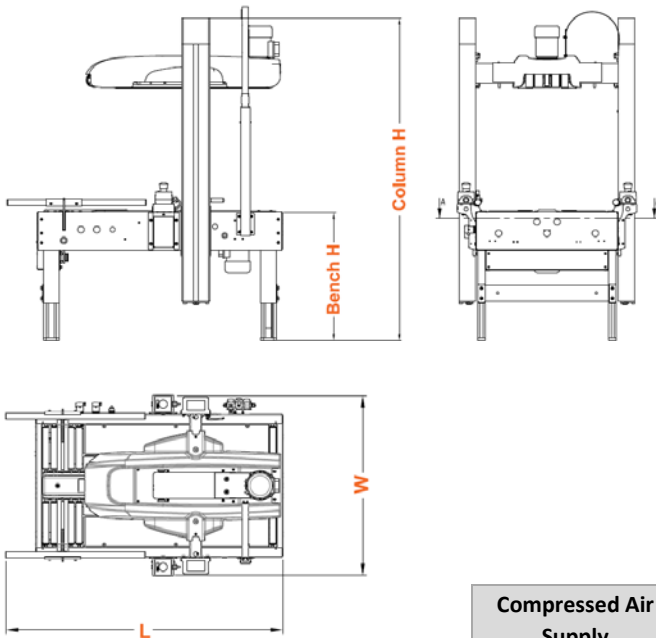
Semi-Automatic Case Sealer

The **SR27** is a new semi-automatic case sealing machine designed and engineered by SIAT specifically for large random sized boxes. SR27 is the ideal case sealing machine for a variety of industries like E-commerce, Logistics, Electronics and Tissue.

KEY FEATURES

- ✓ **Practical** - Seals upper & lower flaps of cardboard cases or cartons
- ✓ **Added Protection** - Lockable electric isolation switch
- ✓ **Taping Heads** - Available with K11 or K12 taping heads
- ✓ **Faster** - 30 m/min belt conveyor speed option available
- ✓ **Ecological** - energy saving option available
- ✓ **Quality Build** - Best-In-Class components with SIEMENS electrics and FESTO pneumatic components
- ✓ **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

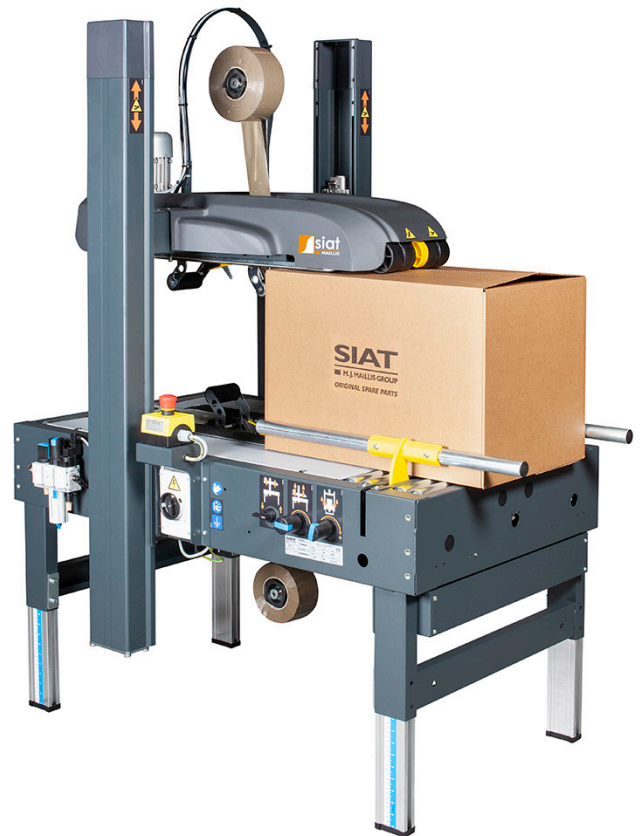
MACHINE DIMENSIONS



| Compressed Air Supply | |
|-----------------------|---|
| Max. 6 bar | |
| NL/Cycle | 9 |

| Machine Dimensions | | |
|--------------------|----------|----------|
| | Min (mm) | Max (mm) |
| H Column | 1.465 | 1.805 |
| H Bench | 485 | 825 |
| W | 910 | 910 |
| W Bench | 720 | 720 |
| L | 1.400 | 1.400 |

| Standard Power Supply | |
|-----------------------|-------------|
| 380/400V - 50Hz - 3ph | |
| 440V - 60Hz - 3ph | |
| Amps | 1,08 |
| Power kW | 0,26 |
| Phase | 3Ph +N + PE |



SR27



DATASHEET

Technical Data

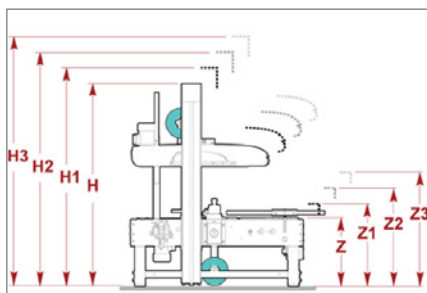
| | |
|-------------------------------|---------------------------|
| Belt position | Top + Bottom |
| Box Size | Medium + Large |
| Min / Max box weight | 0.5 - 32 kg |
| Default Taping Head | K12 for 3" = 75 mm |
| Alternative Taping Heads | K11 for 2" = 50 mm |
| Power Consumption (std.) | 0,26 kw |
| Air Consumption (NL/Cycle) | 9 |
| Operator Side | Left (std.) / Right |
| Tape width (mm) | 75 (std.) / 50 |
| 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 | • |
| Removable Bottom Taping-Head | • |
| Adjustable Tape Leg | • |
| Pre-Installed & Easy-To-Mount | • |
| Adjustable Tape Contact Pressure | • |
| Autom. Box Format Setting | • |
| Flap Folding Function | - |
| Belt Speed Selection | - |
| Fully Automatic Operation | - |
| SIAT Taping-Logic on board | - |

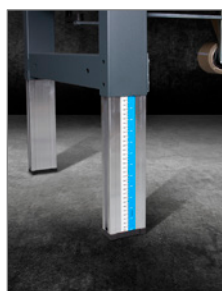
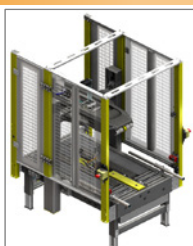
MORE MACHINE DIMENSIONS

| | |
|--|---------------|
| Length x Width | 1.400 x 910 |
| Workbench Width | 720 |
| Height H (std. legs) | 1.465 – 1.805 |
| Height H1 (std. legs + wheels AS77) | 1.575 – 1.915 |
| Height H2 (opt. legs AS80) | 1.625 – 1.960 |
| Height H3 (opt. legs AS80 + wheels AS77) | 1.735 – 2.070 |
| Workbench Height Z (std. legs) | 485 – 825 |
| Workbench Height Z1 (std. legs + wheels AS77) | 595 – 935 |
| Workbench Height Z2 (opt. legs AS80) | 645 – 980 |
| Workbench Height Z3 (opt. legs AS80 + wheels AS77) | 755 – 1.090 |

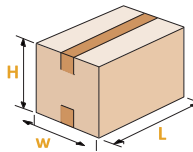


SPECIAL VERSIONS

Special Versions according to individual application and safety requirements are possible on request.

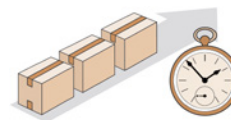


BOX DIMENSIONS & PRODUCTIVITY



| Box Dimensions | L (mm) | W (mm) | H (mm) |
|----------------|--------|--------|--------|
| Min. | 150 | 170 | 100* |
| Max. | ∞ | 650 | 670 |

* 100 mm high box manageable with 50 mm tape leg
120 mm high box manageable with 70 mm tape leg



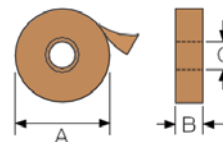
Max. production capacity:
Up to 650* BPH

*Based on the shortest processible 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 – RSC
[other types may be possible as well]

| Adverse Impact Factors | Underfilling | Overfilling | Weak Boxes |
|------------------------|--------------|-------------|------------|
| | | | |

OPTIONS & ACCESSORIES

- Operation side "Right" (std. "Left")
- Special cutting blades filament-tape
- Taping Head for 50mm width
- Power Supply 220/230V – 50hz – 1ph
- Higher Legs
- Casters / Wheels
- Fix / Extendable Roller Conveyors
- Safety fences
- 30 m/min belt speed (std. 22)
- Energy Saving Kit
- End/Break Tape Device

MORE DETAILS

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