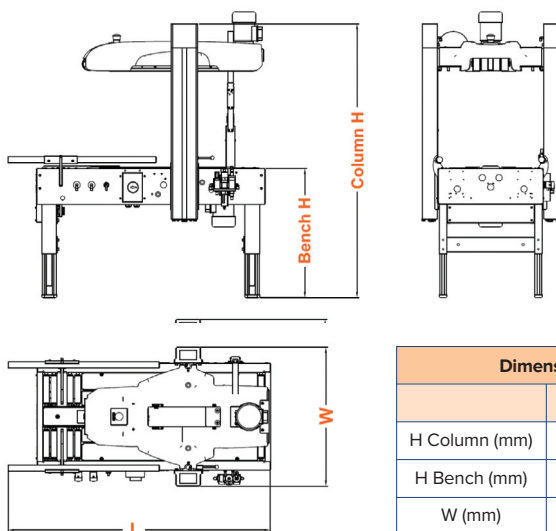# SR20

## Semi-automatic Case Sealer

The SR20 is a semi-automatic case sealing machine which automatically adjusts to suit random cases. Designed and engineered by SIAT, the SR20 is the ideal case sealing machine for a variety of industries such as E-commerce, Logistics, Electronics, Food & Beverage and Personal Care.

### 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** – 30m/min belt conveyor speed option available
- **Ecological** – Energy saving option available
- **Light & Robust** – Columns made of aluminium
- **Quality Build** – Best-In-Class components with SIEMENS electrics
- **Powerful** – Motorisation 2 x 130 Watt
- **Practical Design** – Quick release Taping Heads (Top & Bottom – No tools required)
- **CE Compliant** – Engineered and produced in Italy according to EU safety standards

### MACHINE DIMENSIONS

| Dimensions | | |
|---|---|---|
| | Min | Max |
| H Column (mm) | 1.270 | 1.610 |
| H Bench (mm) | 485 | 825 |
| W (mm) | 740 | 770 |
| W Bench (mm) | 570 | 570 |
| L (mm) | 1.394 | 1.394 |

| Standard Power Supply | |
|---|---|
| 380/400V - 50Hz - 3ph | |
| 440V - 60Hz - 3ph | |
| Amps | 1.08 |
| Power kW | 0.26 |
| Phase | 3Ph + N + PE |

| Compressed Air Supply | |
|---|---|
| 5.5 - 7 bar | |
| NL/cycle | 7 |

# SR20
## Semi-automatic Case Sealer

## TECHNICAL DATA

| | |
|---|---|
| Belt position | Top + Bottom |
| Box size | Medium |
| Min/Max box weight | 0.5 - 32kg |
| Default taping head | K11 for 2" = 50mm |
| Alternative taping heads | K12 for 3" = 75mm |
| Power consumption (std.) | 0.26 kW |
| Air consumption (NL/cycle) | 7 |
| 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℃ |
| Maximum level of noise | Depending on tape quality |

## FEATURES

| | |
|---|---|
| Removable top taping head | ● |
| Removable bottom taping head | ● |
| Adjustable tape leg | ● |
| Pre-installed and easy to mount | ● |
| Adjustable tape contact pressure | ● |
| Auto box format setting | ● |
| Flap folding function | – |
| Belt speed selection | – |
| Fully automatic operation | – |
| SIAT Taping-Logic on board | – |

## MORE MACHINE DIMENSIONS

| | | |
|---|---|---|
| Length x Width | | 1.394 x 740 |
| Workbench Width | | 570 |
| Height H | (std. legs) | 1.270 - 1.610 |
| Height H1 | (std. legs + wheels AS77) | 1.380 - 1.720 |
| Height H2 | (opt. legs AS80) | 1.430 - 1.765 |
| Height H3 | (opt. legs AS80 + wheels AS77) | 1.540 - 1.875 |
| 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 |
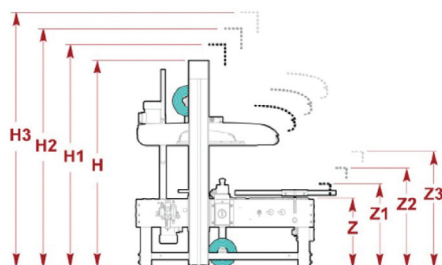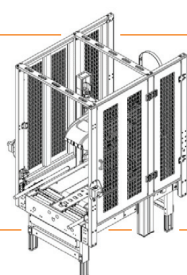
## BOX DIMENSIONS & PRODUCTIVITY
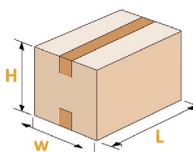
| Dimensions | | |
|---|---|---|
| **L** (mm) | Min. | 150 |
| | Max. | ∞ |
| **W** (mm) | Min. | 140* |
| | Max. | 500 |
| **H** (mm) | Min. | 100** |
| | Max. | 500 |

\* 140mm with 50mm taping head K11
170mm with 75mm taping head K12

\*\* 100mm high box manageable with 50mm tape leg
120mm high box manageable with 70mm tape leg
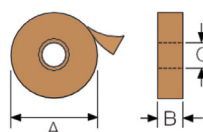
Max. producion capacity:
**Up to 900\* BPH**

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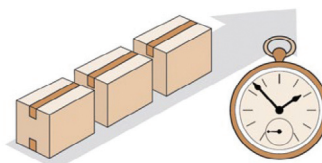
## PROCESSABLE TAPES

| | |
|---|---|
| **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   \*\*\* a test may be necessary

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

## BOX REQUIREMENTS

Quality result of the taped box depends on general box quality and dimensional accuracy, as well as the quality of tape used. Box Types: FEFCO 0201 – RSC (other types maybe possible)

**Adverse Impact Factors**

| Under filling | Over filling | Weak boxes |
|---|---|---|

## OPTIONS & ACCESSORIES

- Operation side 'right' (std. 'left')
- Special cutting blades filament tape
- Taping head for 75mm width
- Power supply 220/230V – 50hz – 1ph
- Higher legs
- Casters/wheels
- Fix & extendable roller conveyors
- 30m/min belt speed (std. 22)
- Safety fences
- Energy saving kit
- End/break tape device