EN

SK20

| Automation Grade | *SEMI* | *Fully* | Use Intensity | *Low* | *MEDIUM* | *High* |
| Format Setting | *MANUAL* | *Automatic* | Box Dimension | *Small* | *MEDIUM* | *Large* |

DATASHEET

SAFE ● SUSTAINABLE ● STRONG

Semi-Automatic Case Sealer

The **SK20** is a semi-automatic case sealing machine designed and engineered by SIAT specifically for medium fixed sized boxes. SK20 is the ideal case sealing machine for a variety of industries like food and beverage, chemical, clothing, textiles, electronics, furniture and metal containers.

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

✓ **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
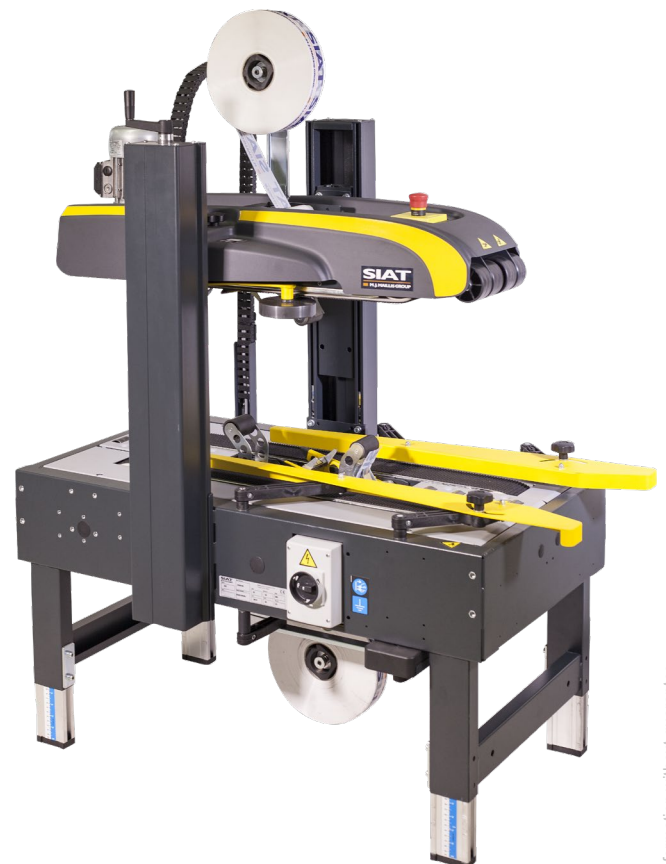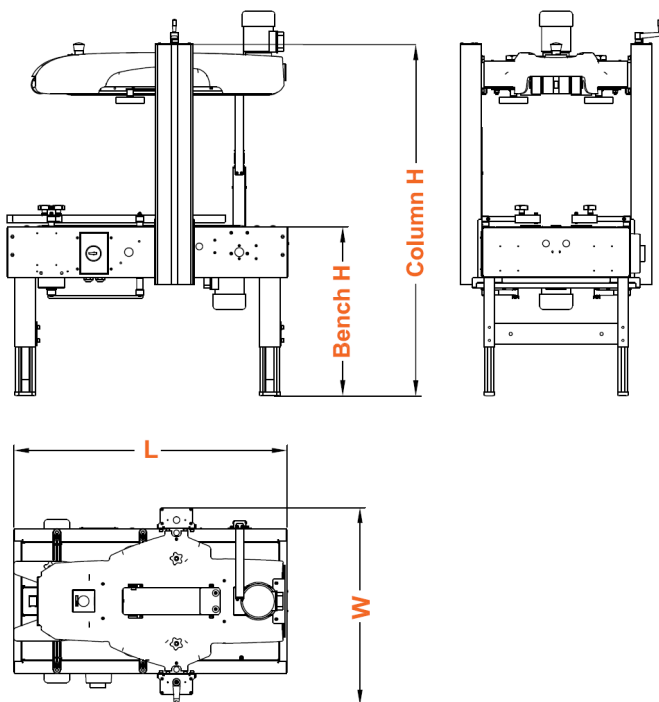
Machine Dimensions		
	Min (mm)	Max (mm)
H Column	1.190	1.530
H Bench	485	825
W	770	770
W Bench	570	-
L	1.080	-

Standard Power Supply	
380/415V_50HZ_3PH+N+PE	
220/240V_50HZ_1PH+N+PE	
Amps	1,08
Power kW	0,26

MADE IN ITALY

SK20

DATASHEET

Technical Data	
Belt position	Top + Bottom
Box Size	Medium
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.)	0,26 kw
Air Consumption (NL/Cycle)	No air consumption
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	●
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		1.080 x 770
Workbench Width		570
Height H	*(std. legs)*	1.190 – 1.530
Height H1	*(std. legs + wheels AS77)*	1.300 – 1.640
Height H2	*(opt. legs AS80)*	1.350 – 1.685
Height H3	*(opt. legs AS80 + wheels AS77)*	1.460 – 1.795
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 – 1.095
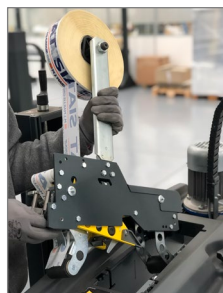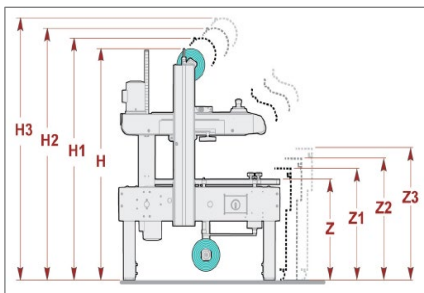
SPECIAL VERSIONS

Special Versions according to individual application and safety requirements are possible on request.
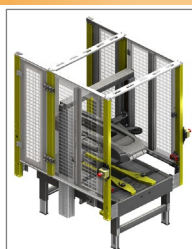
BOX DIMENSIONS & PRODUCTIVITY

Box Dimensions	L (mm)	W (mm)	H (mm)
Min.	150	140**	90*
Max.	∞	500	500
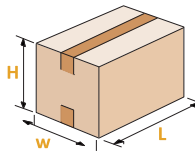
*140 mm with 50 mm taping head K11
170 mm with 75 mm taping head K12

** 90 mm high box manageable with 30 mm tape leg
100 mm high box manageable with 50 mm tape leg
120 mm high box manageable with 70 mm tape leg
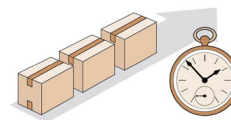
Max. production capacity:
Up to 1200* BPH

*Based on the shortest processible box length and provided an optimum continous 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
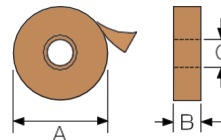
	K11R / K12R
A	Max. 410 mm
B	50 / 75 mm
C	76 mm

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 75 mm width
- Power Supply 220/230V – 50hz – 1ph
- Higher Legs
- Casters / Wheels
- Fix / Extendable Roller Conveyors
- 30 m/min belt speed (std. 22)
- Safety fences
- Energy Saving Kit
- End/Break Tape Device
- Shorter Guides to connect with F105

MORE DETAILS

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

SAFE • SUSTAINABLE • STRONG

SIAT.com