

DRIVE BELTS	AUTOMATION GRADE	BOX FORMAT	FORMAT SETTING	SEALING TECHNOLOGY
DUAL TOP & BOTTOM	SEMI-AUTOMATIC	UNIFORM	MANUAL	PSA TAPES

PS50TB

SEMI-AUTO UNIFORM SIZE PACKING STATION



The PS50TB is a 3-in-1 semi-automatic station, designed and manufactured by SIAT to combine forming, filling and sealing of both upper and lower sides of uniform size boxes with manual adjustment, from small to medium dimensions. It overcomes the ergonomics of the manual filling and decreases the total packing time.

These machines are a best-seller in SIAT's range, ideal for companies starting their automation journey and requiring a readily available solution.

KEY BENEFITS

PRODUCTION GUARANTEED

Easy and fast manual box adjustment, semi-automatic bottom flap folding and simultaneous upper & lower flaps sealing to overcome manual operations, reaching up to 10 box per minute

LIFETIME QUALITY

Robust Italian design with best-in-class components to guarantee long-lasting heavy duty operations

PERFECT BOX SEALING

Dual Top&Bottom drive belts with SIAT K taping unit available in 50 mm tape width

ALL-IN-ONE

3 operations in one machine (Forming + Filling + Sealing) to simplify the semi-automatic packing process decreasing drastically the overall footprint usually needed

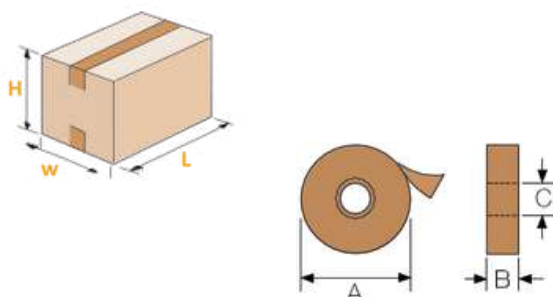
SPECIFICATIONS

Boxes

PS50TB	
Box Min (mm) LxWxH	200 x 150 x 90*
Box Max (mm) LxWxH	600 x 500 x 500
Box Type	RSC, HSC, FEFCO 0200/0201
Flute Type	B-C-E
Min-Max Box Weight (kg)	0,5-32
*90 with 30mm leg, 100 with 50mm leg, 120 with 70mm leg	

Machine

Productivity up to (bpm)	10
Based on the shortest processible box length, operator speed, box and tape quality	
Belt Speed (m/min)	22
Operator side	Left - Right
(B) Taping Units	K11 (2"/50mm)
Tape Legs (mm)	30 - 50 - 70
Processable Tapes	PVC / OPP / PET / Paper
(A) Tape Reel Max DIA (mm)	410
(C) Inner Tape Core (mm)	76
Air Consumption (NI/Cycle)	14,2
Workbench height (mm)	from 585 to 735
Power Supply	380/415V 50Hz 3PH+N+PE 220/240V 50Hz 1PH+N+PE*
Pneumatic Supply (bar)	5,5-7
Installed Power (kW)	0,26
Power Absorption (Amps)	3,4
Machine Dimensions LxWxH (mm)	1.952 x 753 x 1.305-1.505
Machine Weight (kg)	200
*Other power supplies available upon request	



KEY FEATURES

Perfect Box Traction



Dual top and bottom 75mm drive belts with manually adjustable side guides to guarantee centered and stable box sealing

Easy to Set Up



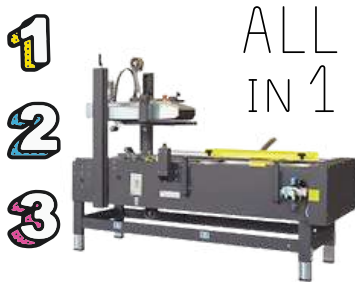
Manual side guide for box centering, height adjustment by handles and pneumatic box pusher to simplify packing operations

Best-in-class Taping Unit



Equipped with SIAT K Taping Unit, a market benchmark which offers smooth and consistent tape application

Limited Footprint



Perfect solution that combine 3 functions in one machine to minimize the footprint generally separated

OPTIONALS

Wheels¹

Higher Legs²

Conveyors: GTL- GTR (extendable conveyors), RG (roller conveyor)

¹Workbench height becoming 775-935

²Workbench height becoming 895-1055

