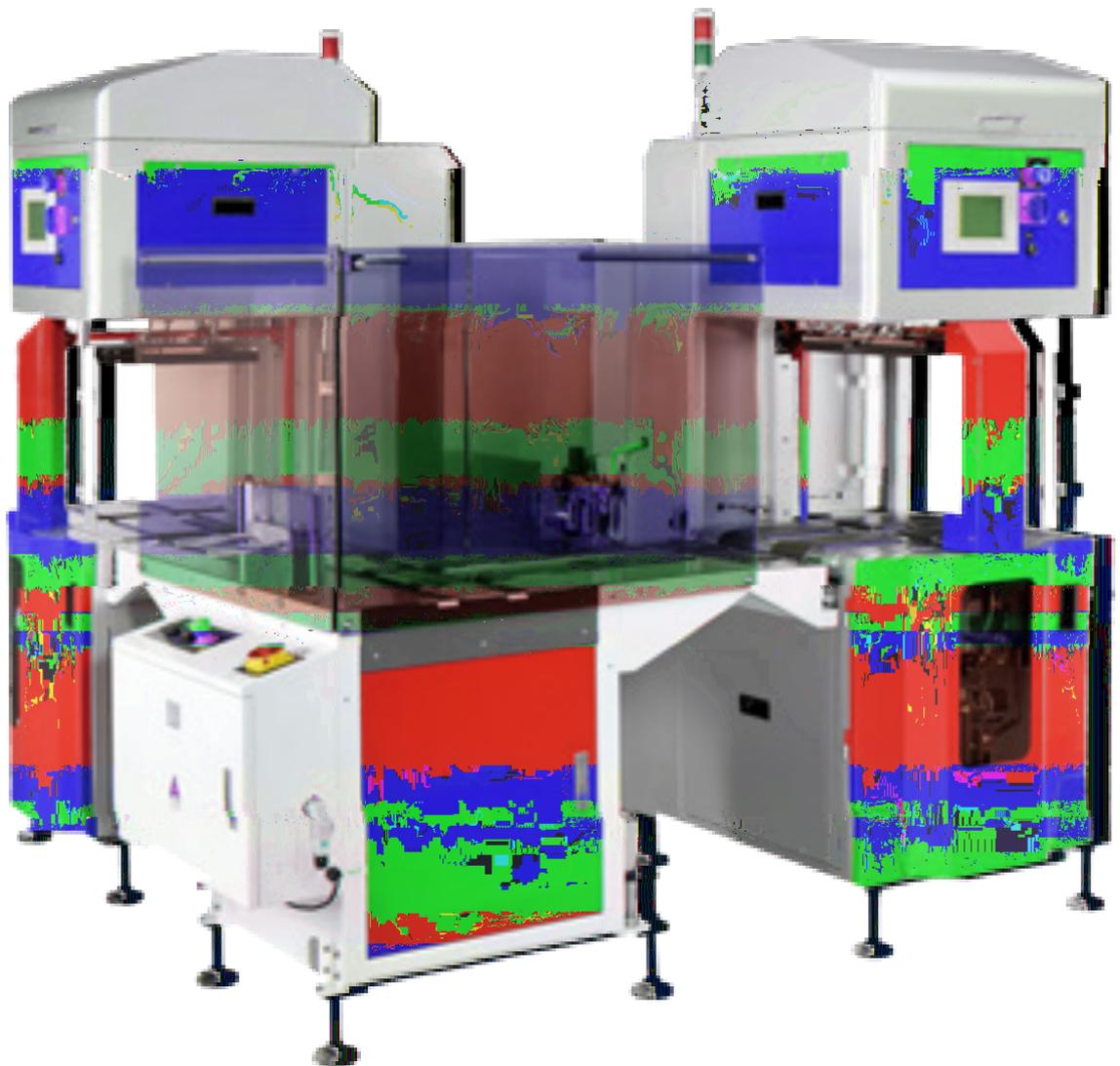


# Sal-Tech Easy Packaging

## Fully Automatic Strapping Machines



# STEP TP-601 Fully Automatic Series

## More Features



### Auto Strap Feeding

Simply insert the strap into the feeding rollers from the coil side of the machine and then push the "reset" button. The machine will automatically feed itself without the need to access to the inside of the machine. No need to remove it from the line for strap feeding. Designed for easy strap loading.



### Auto Strap Ejector

Loop-eject clears unwanted strap automatically if the machine is accidentally activated without a package. Effectively eliminates downtime due to strap jamming and other similar issues.



### Hinged Top Plates

The top plates opens wide for quick cleaning, inspection, and maintenance of strapping head, strap-feed and tensioning unit.



### Belt Transmission

Instead of using roller chain, belt transmission system ensures long operational life and quiet operation.

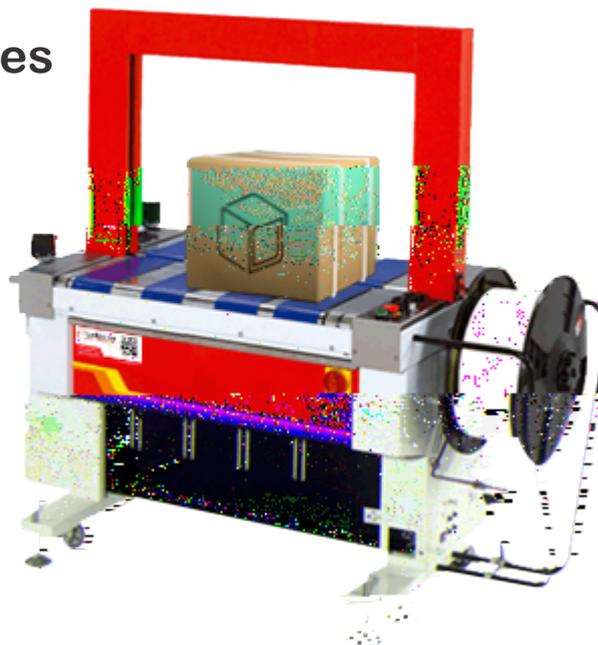
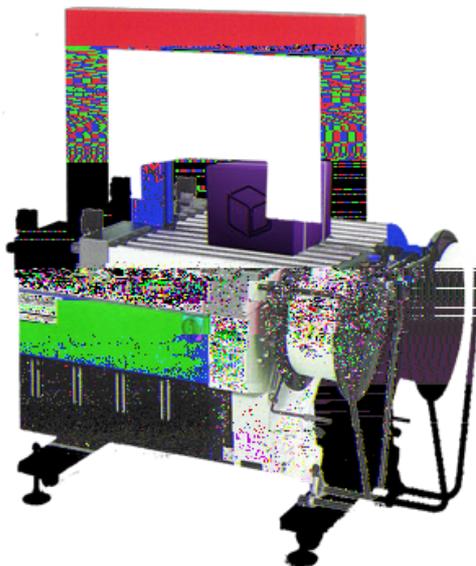


### Electronic Tension Control

Strap tension can be adjusted accurately by the simple turn of a dial. Easy operation.

Specifications	
Strap Width	8 mm-12 mm
Strap Tension	7 kg-70 kg
Conveyor Speed	30 meter/Minute
Table Height	825 mm
Net Weight	330 kg
Electrical Requirements	Three Phase According to Local Standard

# STEP TP-601 Series Fully Automatic Strapping Machines



STEP TP-601A-CE	STEP TP-601B-CE
41180342	41181342
Table Rollers	Belts on Table

**Enhanced** Fully Automatic Strapping Machine with arch width 850mm and height 600mm, table height 820 mm, for 12mm PP Strap and ø200 core.

#### Features:

- Electronic Tension Control
- Re shoot of strap
- Automatic loading of strap
- Electrical reset bottom
- Zero loop cast out
- Transport speed 30m/min.
- Single strap, two or more or transit
- Capacity up to 18 parcels /minute

#### Options

- Siemens PLC control
- Variable conveyor speed: 18 to 42 meter/min
- Stainless steel frame SUS 304 (STEP TP-601AS)
- Safety Guards

#### Arch Sizes

H	W	850	1050	1250
400		•	•	•
600		Available	•	•
800		•	•	•
1000		•	•	•

- On Order basis

**Line for Cross Strapping of large boxes,  
using 2 units of STEP TP-601B**



**For more information call us:**

Telephone: +45-7027 2220

Skype: easy.packaging

## STEP TP601BP-CE

### Fully Automatic Transit with Press

The STEP TP-601BP is a Fully Automatic Strapping Machine with transit capability and features a Pneumatic Press. The machine has a belt-driven table with speeds up to 30 meters per minute. It is ideal for strapping printed products such as newspapers and magazines. It is also applicable for strapping corrugated boxes and other similar packaging. A Stainless Steel model also available.

#### Features

- Multiple strap function for single, double, continuous strapping or transit mode
- Up and down stream interlock with complete plug connector
- Easy bundle flow direction change
- Automatic end-strap detection and ejection
- Electronic Tension Control

#### Options

- Siemens PLC control
- Variable conveyor speed: 18 to 42 meter/minute
- Stainless Steel frame SUS 304 (STEP TP-601BPS)
- Safety Guards

#### Arch Sizes

H	W	850	1050	1250
400		•	•	•
600	Available		•	•
800		•	•	•
1000		•	•	•

- On Order basis

#### Main Features



##### Auto Strap Feeding

Simply insert the strap into the feeding rollers from the coil side of the machine and then push the "reset" button. The machine will automatically feed itself without the need to access to the inside of the machine. No need to remove it from the line for strap feeding. Designed for easy strap loading.



##### With Pneumatic Press

STEP TP-601BP is ideal to strap compressible material such as corrugated papers, paper sheets, plastic sheets, bags...etc



##### Hinged Top Plates

Opens wide for quick cleaning, inspection, and maintenance of strapping head, strap-feed and tensioning unit.



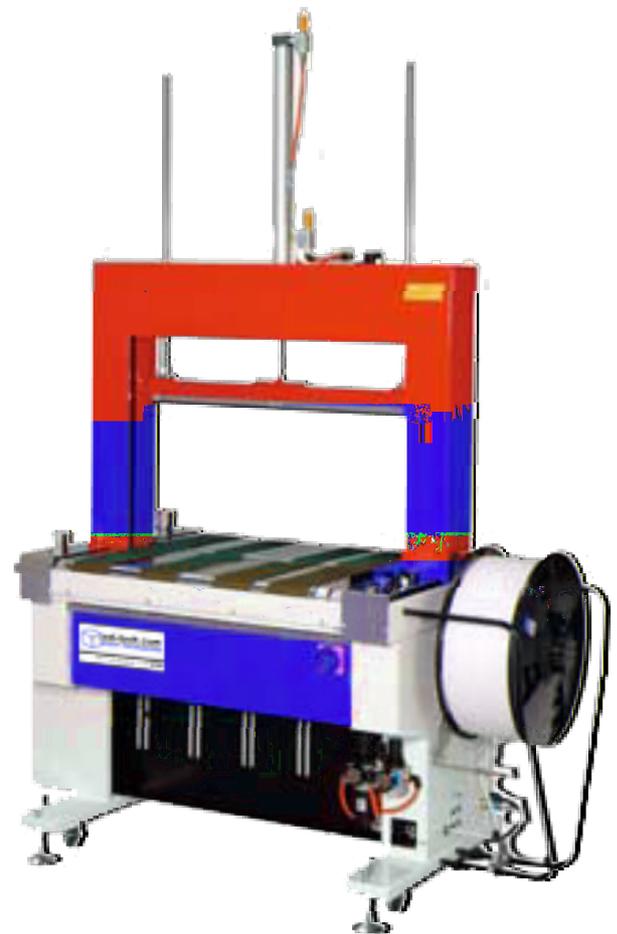
##### Auto Strap Ejector

Loop-eject clears unwanted strap automatically if the machine is accidentally activated without a package. Effectively eliminates downtime due to strap jamming and other similar issues.



##### Belt Transmission

Instead of using roller chain, belt transmission system ensures long operational life and quiet operation.



Specifications	
Strap Width	8 mm-12 mm
Strap Tension	7 kg-70 kg
Conveyor Speed	30 meter/Minute
Table Height	825 mm
Net Weight	330 kg
Electrical Requirements	Three Phase According to Local Standard

#### Product Overview:

# STEP TP702B

**STEP TP-702B**  
Fully Automatic Strapping Machine  
World-Class High Speed Strapping Machine

**Available Arch Sizes:**

Arch Width / Height (mm)	550	650	850	1050
500				
600				
800				

**Machine Features:**

- Quick coil change
- Easy bundle flow direction change
- Automatic end-strap detection and ejection
- Adjustable table height between 800 mm and 900 mm
- Up and down stream interlock with complete plug connection
- Multiple strap function for single, double, continuous strapping or transit mode
- Belt-driven table with variable conveyor speed between 10 and 60 meter/minute
- End of strap detection with sensor (220mm in width) and 45mm in height
- Assuring consistent and high joint efficiency

**Options:**

- Optional PLC control
- Variable table height (750mm - 960mm)
- Energy saving function (auto stop) (optional)
- Strapping in two circles of the bundle
- Adjustable table height (750mm - 960mm)
- Strap tension up to 45 kg (optional)
- Straps saved from STEP TP-702B3
- Extension belt-driven table of 220 mm on up, sam and downstream side

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support@sal-tech.com

**STEP TP-702B** is a Fully Automatic strapping machine designed for high-speed production. This machine uses PP strap in its operation for a more secured packaging solution.

## Description:

This innovative world-class equipment is suitable for 5mm, 6mm, 9mm & 12mm PP strap. STEP-TP702B gives the optimal performance, most accurate, and at the same time-cost-effective packaging solution in the industry to date. This machine uses industry standard technology to provide the highest level of accuracy & reliability. Motors that run this high-speed machine are all made in Germany.

## Taking you to the next level with its:

1. Dispenser Release Switch: Friendly design makes it easier to pull the strap from the strap dispenser for waist-high auto strap feeding.
2. Sensor Controlled Heater: The fast heating mechanism is sensor controlled assuring consistent and high sealing efficiency.
3. Low Voltage: All DC motors and heater are "stepped down" to 24V to increase the safety of the machine.
4. Strap End Ejector: Eject end of strap from the inlet of strap feeding. Easy to clean the end of strap and get the machine ready for next coil of strap
5. Front Foot Bar Switch: Standard front foot bar switch makes machine operation in a very easy way. Ergonomic cycle initiation design and user friendly.
6. Adjustable Table Height: The table height is adjustable to any height between 820 mm and 920 mm.mm.

SPECIFICATIONS:	
Strap Width	5 mm, 6mm or 9mm
Tension Range	1 - 32 kg
Net Weight	158 kg
Electrical Requirements	110V, 220V, 230V, 240V 50/60Hz 1PH
Speed per minute	65 straps / min.
Item no.:	41168010

## Options:

- Adjustable table height from 770 mm to 820 mm
- Safety switch under the table top
- Photo-eye switch
- Rear foot bar switch
- Foot pedal switch

## Main Features

**Robust & Compact Mechanical Strapping Head**

The STEP TP-702B uses the latest DC business motion technology to provide the highest level of accuracy and speed by the market. All motors are German-made.

The strapping head has no belts, clutches or pulleys. It's designed with state-of-the-art technology with few moving parts, which is fewer parts, STEP TP-702B requires fewer parts, has fewer moving components, and requires less maintenance. The simple design of STEP TP-702B minimizes the maintenance cost.

**Free Access to Strap Guide (Patents Registered)**

Unlock the guides easily and quickly with the help of the tools. The most efficient design.

**Electronic Tension Control**

Take advantage of the LCD panel with LCD display of the machine for easy adjustment of strapping tension by the simple operation.

**Hinged Top Plates**

Opens wide for quick cleaning, inspection, and maintenance of strapping head, strap feed and tensioning unit.

**Auto Strap Ejector**

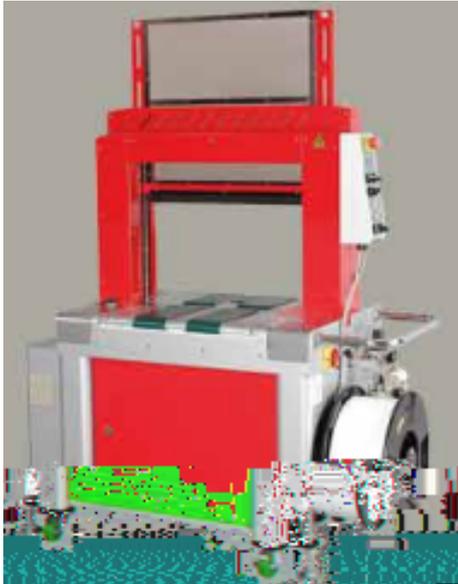
Loop-eject clears unwanted strap automatically if the machine is accidentally activated without a package. Eliminates downtime.

**Waist-High Auto Strap Feeding**

Friendly design to feed the strap automatically from the upper side of the coil without the need to access to the bottom of the machine.

Technical Specifications	
Strap Width	5mm/6mm/9mm
Strapping Speed	Up to 40 Package (Cycle Speed up to 65)
Strap Tension	1-32 kg (for 5 mm, 6 mm and 9 mm)
Net Weight	225 kg
Electrical Requirements	Single Phase According to Local Standard

## STEP TP-702BP



### Product Overview:

STEP TP-702BP is a Fully Automatic strapping machine with Dual Pneumatic press is ideal for strap compressible material such as corrugated papers, paper sheets, plastic sheets, bags, etc.

### Description:

This machine is derived from the design and function of the STEP TP-202B, with the additional feature of dual pneumatic press which offers better product stability and containment of the goods. Same as the previous model, this machine is an innovative world-class high speed automatic strapping machine suitable for 5, 6, 9, or 12mm PP strap.

### Taking you to the next level with its:

- 1 Dispenser Release Switch: Friendly design makes it easier to pull the strap from the strap dispenser for waist-high auto strap feeding.
- 2 Sensor Controlled Heater: The fast heating mechanism is sensor controlled assuring consistent and high sealing efficiency.
- 3 Low Voltage: All DC motors and heater are "stepped down" to 24V to increase the safety of the machine.
- 4 Strap End Ejector: Eject end of strap from the inlet of strap feeding. Easy to clean the end of strap and get the machine ready for next coil of strap
- 5 Front Foot Bar Switch: Standard front foot bar switch makes machine operation in a very easy way. Ergonomic cycle initiation design and user friendly.
- 6 Adjustable Table Height: The table height is adjustable to any height between 820 mm and 920 mm.mm.

SPECIFICATIONS:	
Strap Width	5 mm, 6mm or 9mm
Tension Range	1 - 32 kg
Net Weight	224 kg
Electrical Requirements	110V, 220V, 230V, 240V 50/60Hz 1PH
Speed per minute	47 straps / min.
Item no.:	41167010

### Options:

- Adjustable table height from 770 mm to 820 mm
- Safety switch under the table top
- Photo-eye switch
- Rear foot bar switch
- Foot pedal switch

