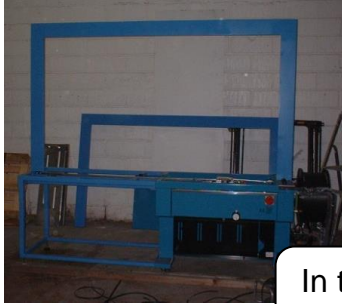# Sal-Tech Easy Packaging

Automatic Strapping Machines

STEP TP-6000CE1
Automatic Strapping Machine

Automatic Strapping Machine ideal for the laundry
industry. With a standard arch width 850mm and height
600mm.
For 12mm PP strap and ø200 core.

In the
workshop

H W	850	1050	1250	1450	1650	1850	2050	2250	2450	2650
400	●	●	●	●	STEP	STEP	STEP	STEP	STEP	STEP
600	41000342	●	●	●	STEP	STEP	STEP	STEP	STEP	STEP
800	●	●	●	●	STEP	STEP	STEP	STEP	STEP	STEP
1000	●	●	●	●	STEP	STEP	STEP	STEP	STEP	STEP
1200	●	●	●	●	STEP	STEP	STEP	STEP	STEP	STEP

Standard 850x600 and optional from Taiwan factory: ● or built to order by STEP in DK

STEP TP-6000CE

Contact us for Price

STEP TP-6000CE - For BIG Assignments - Call Us!

Price per 200mm on either width or height add on.
Maximum shoot length must be under 7500mm,
calculation formula: (2xwidth+2xHeight)<=7500mm

Special Price add on if machine is wider that
2250mm. Request price and delivery time. Ask for
specification related your products.

Price for base machine when arch add on is:

This machine is
2.650mm x 600mm
Center strap seal point.

Built in DK or carried from producer.
Delivery time:
approx. 1-14 weeks

STEP TP-601D CE1
Automatic Strapping Machine

Enhanced Automatic Strapping Machine with arch width 850mm and height 600mm, table height mm.
For 12mm PP strap and ø200 core.

Features
- Speed up to 27 straps per minute
- Equipped with all industry standard features
- Standard Arch size 850x600mm
- For 12 mm straps
- Compact strapping head
- Re shoot of Strap & Zero Loop Eject
- Short Feed Sensor
- Auto Strap Refeed
- Strap End Ejector

Options
- Optional 9 mm Straps
- Stainless Steel Frame
- Retro fit scale
- Wide range of arch size available
- Roller balls in table top for easy rotating of goods for cross strapping

Item No. 41170342
Contact Us for Price

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

Main Features

Reliable and Robust Strapping Head
Robust mechanism design and high engineering standard ensure excellent durability of the products. Use two proximity switches to replace conventional limit switches.

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

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. Easy strap loading.

STEP TP-601DS
Automatic Stainless Steel Strapping Machine

Enhanced Automatic Strapping Machine designed for 8mm to 12mm straps.

Specifically designed for the food industry. Made with high quality stainless steel to meet strict hygiene standards.

SUS 304 Stainless Steel Frame
CE certified

Item No.; 41171342-A85x60

Specifications	
Strap Width	8mm – 12mm
Strap Thickness	0.55mm – 0.75mm
Strap Tension	7kg – 70kg
Speed per Minute	29 Straps
Table Height	810mm
Net Weight	220kg
Electrical Requirements	Single or Three Phase

H W	850	1050	1250	1450
400	●	●	●	●
600	**Standard**	●	●	●
800	●	●	●	●
1000	●	●	●	●
1200	●	●	●	●

Automatic Vertical Strapping Machines STEP TP-601Y Series

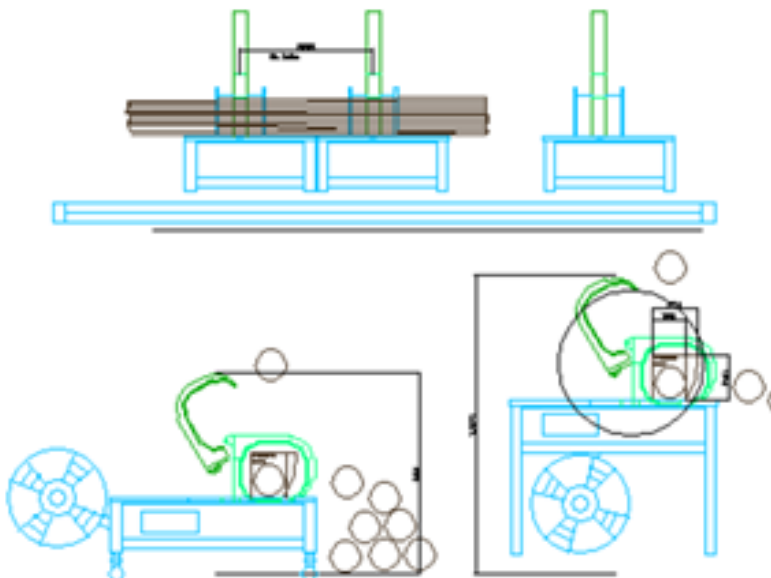| STEP TP-601Y	STEP TP-601YA
Item no.: 41131252-A60.85	**Item no.: 41132252-A60.85**
Enhanced Automatic Vertical Strapping Machine with Arch width 600mm and height 850mm. Made for 12mm PP strap and ø200 core. **Features:** • Electronic Tension Control • Re shoot of Strap • Automatic Loading of Strap • Electrical Reset Button • Zero Loop Cast Out • Adjustable Table Height	Enhanced Automatic Vertical Strapping Machine with Arch width 600mm and height 850mm. Made for 12mm PP strap and ø200 core. Features: • Driven rollers with adjustable speed between 10-40m/min • Electronic Tension Control • Re shoot of Strap • Automatic Loading of Strap • Electrical Reset Button • Zero Loop Cast Out • Adjustable Table Height • Height minimum 480mm

STEP E3 Strap -22RB Series for PET

Semi Automatic Ring Binder Strapping Machine built on order in accordance with specification.
F.exs. as wood bundles/steel tubes/strap with use of a number of machines. Design layout shown here. For long products, en handling 2 to 10 straps applied divided along the length of the product.

Item no. 41209020

STEP Ring Strapper
Automatic Ring Binder Strapping Machine

Automatic Ring Binder Strapping Machine built on order in accordance with specification.

For more information:
Call us: +45 7027 2220
Skype: easy.packaging

STEP TP-601LCE

Low Table Automatic Strapping Machine for heavy packages. The machine comes with a stainless-steel model made with high quality stainless steel specifically for the food industry.

Features

- Optional SUS 304 stainless Steel Frame
- CE certified
- Reliable robust strapping head
- Electronic tension control
- Auto strap feeding
- Electronic tension control
- Auto strap ejector (looper)
- Short feed sensor
- Auto strap refeed

41183342-A85.60	Standard
41184342-A85.60	Stainless Steel

Specifications	
Strap Width	8mm – 12mm
Strap Thickness	0.55mm – 0.75mm
Strap Tension	7kg – 70kg
Speed per Minute	29 Straps
Table Height	810mm
Net Weight	220kg
Electrical Requirements	Single or Three Phase

H W	650	850	1050	1250
400	●	●	●	●
600	●	Standard	●	●
800		●	●	●
1000		●	●	●
1200		●	●	●

STEP Ring Binder – Produced and designed to order

I forbindelse med Hydro Aluminium har vi leveret 1 stk. automatisk omsnøringsmaskine for coils af aluminiumsrør opspolet i ringe, hvor basismaskine er en TP6000 omsnøringsmaskine, med kerne Ø200/W190mm og tilslutning 1x230V-50Hz. Der er foretaget følgende specialopbygning:

Ramme mål tilpasset kundens ønske og ind bygningskrav/layout og de begrænsninger givet heri og med åbning pneumatisk efter hver omsnøring og

styring af nyt indskud for PP omsnøringsbånd 12 x 0,55/0,63mm. For indsættelse i ny linie for omsnøring af opspolet. Aluminiums rør, med særlig ramme

mål, pool boks opbygning og RHS stativ. Hovedmål af udstyr udgør:

- Bredde 500mm, omsnørings punkt i midt heraf.
- Dybde 600mm, omsnørings punkt i midt heraf.
- Højde 700mm

Opbygning på vort værksted samt montage og test. Opbyget med Siemens PLC samt

TP 6000 standard styring. Signal udveksling:

- Hydro PLC sætter potential fri signal for strap.
- STEP styring sætter signal for afsluttet omsnøring (ramme åben)

Item no. 41209010
Main Features

Reliable and Robust Strapping Head

The STEP TP-702 uses the latest DC brushless motors technology to provide the highest level of accuracy and reliability on the market. All motors are German-made.

The strapping head has no belts, clutches or pulleys. It is designed with up-to-date technology with few moving parts. With 30% fewer parts, STEP TP-702 requires fewer adjustments, has fewer wear components, and requires less maintenance. The simple design of STEP TP-202 minimizes the maintenance cost.

Free Access to Strap Guides (Patents Registered)
Hinged top plate makes easy access to the strapping head for quick maintenance. Unblock the guides enabling free and quick access to the strap guides without use of any tools. The most maintenance-friendly design.

Waist-High Quick Coil Change (Patents Registered)
Innovative waist-high coil change without access to the bottom of the machine. Quick release lock eliminates downtime to change the coil. Ergonomic and quick change design makes coil change simpler than ever.

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.

Turn able Operating Control Panel
The operating control panel is located on upper side of the machine for easy access. User friendly. Power cord located at the top of arch makes the machine very safe to operate and avoid wire damage while moving the machine.

Auto Strap Ejector
Loop-eject clears unwanted strap automatically if the machine is accidentally operated without a package. Eliminates downtime.

Front Foot-Bar Switch
Ergonomic design and user friendly.

Model Number / Specifications	STEP TP-702-59 (5 mm, 6mm, 9mm Strap Width)	STEP TP-702-12 (12 mm Strap Width)
Speed Per Minute	65 Straps	60 Straps
Strap Tension	1 kg to 32 kg	1 kg to 45 kg
Net Weight	157 kg	166 kg
Electrical Requirements	Single Phase according to Local Standard	

Adjustable Table Height
The table height is adjustable to any height between 820 mm and 920 mm

STEP TP-702

Automatic Narrow Strap Strapping Machine

Automatic Narrow Strap Strapping Machine with arch width 550mm and height 400mm, table height 870-1020mm. It also come in a fully stainless steel specifically designed for the food industry. Made with high quality stainless steel to meet strict hygiene standards.
Standard for 5mm PP strap and ø200 core.

Features
- Speed up to 65 strap per minute
- Equipped with all industry standard features
- Wide range of standard arches
- Compact Strapping head
- Electronic Tension Control
- Automatic loading of strap
- Electrical reset knob
- For 5, 6, 9 and 12mm PP strap

Options
- SUS 304 stainless steel frame CE certified (STEP TP-702S) item 41191NNN
- Photo-Eye Switch
- Rear Foot Bar Switch
- Max. tension up to 45 kg (for 9mm)

STEP TP-702-arch 550x400-5mm

Contact Us for further prices on needed size

Arch Sizes
(for 5mm/6mm/9mm Straps) 41190105 5/6mm base – 41190109 9mm base

H W	550	650	850	1050	1250	1650
400	**41190105-A55.40**		●			
500		●	●		●	●
600			●			
800			●	●	●	
1000				●	●	

Arch Sizes
(for 12 Straps)

H W	650	850	1050	1250	1650
400		●			
500	**41190212-A65.50**				●
600		●	●	●	
800		●	●	●	
1000		●	●	●	

● **On Order Basis**

STEP TP-702P
Automatic Strapping Machine

The STEP TP-702P is equipped with dual pneumatic press which better stability to the product being strapped. It is ideal for the printing graphics industry such as newspaper and magazine bundling.

A specialized stainless-steel model (STEP TP-702PS) is available food industry. Made with high quality stainless steel to meet strict standards

Features

- Dual Pneumatic Pres
- Robust and Compact Mechanical Strapping Head
- Waist High Auto strap feeding
- Waist High Quick Coil Change
- Front Foot-Bar Switch

Options

- SUS 304 stainless steel frame CE certified
- Photo-Eye Switch
- Rear Foot Bar Switch
- Max. tension up to 45 kg (for 9mm)

Specifications:	
Strap Width	5mm, 6mm, 9mm, 12mm
Strap Tension	1kg to 32kg (5/6/9mm straps) 1kg to 45kg (12mm strap)
Speed per Minute	47 straps (5/6/9mm straps) 44 straps (12mm strap)
Net Weight	227 kg (5/6/9mm straps) 229 kg (12mm strap)
Electrical Requirements	Single Phase According to Local Standard

Item no.: 41193010

Arch Sizes
(for 5mm/6mm/9mm Strap)

H W	650	850	1050	1250	1650
500	Standard			●	●
600		●			
800			●	●	

Arch Sizes
(for 5mm/6mm/9mm Strap)

H W	650	850	1050	1250	1650
500	Standard				●
600		●			
800			●	●	

● On Order Basis

Main Features
Free Access to Strap Guides (Patents Registered) Unblock the guides enabling free and quick access to the strap guides without the use of any tools.
Dual Pneumatic Press
Offer better product stability and containment.
Waist-High Auto Strap Feeding
User friendly design. Easy strap loading.
Waist-High Quick Coil Change (Patents Registered) Ergonomic and quick-change design makes coil change simpler than ever.
Front Foot-Bar Switch
Ergonomic design and user friendly.
Ergonomic Cycle Initiation Easy Access Operating Control Panel

STEP TP-702RS-9 550Wx400-9mm
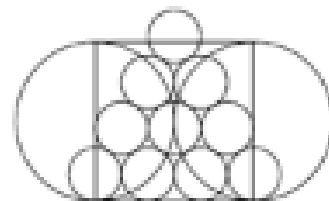
STEP TP-702RS-5 550Wx400-5/6mm

HIGH SPEED AUTOMATIC STRAPPING MACHINE FOR ROUND AND SMALL PRODUCTS

STEP TP-702RS HIGH SPEED AUTOMATIC STRAPPING MACHINE FOR ROUND AND SMALL PRODUCTS is a fast-programmed machine suitable for plastic or steel pipes, rods, hardwood, and other materials. It is also suitable for small products that is needed for strapping. Designed with a free strap guide access, turn able control panel, and a mechanic strapping head, this equipment makes maintenance less hassle as well as reduced maintenance cost. Cost-effective for small and rounded strapping requirements.

STEP TP-702RS

Strapping Speed:	65 strap per min
Strap Width:	5/6-9mm
Tension:	1-32Kg
Arch Size:	550mmx 400mm
Electrical Requirement:	Single Phase 230V 50Hz default or 110V 60Hz
STEP Item No 9mm:	41190309-A55.40
STEP Item No 5/6mm:	41190305-A55.40

	Minimum
5/6mm Strap Width	40mm x 10mm (WxH)
	Pipe Ø 32mm x 2pcs
9mm Strap Width	50mm x 10mm (WxH)
	Pipe Ø 34mm x 2pcs

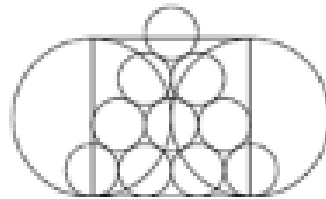# STEP TP-702RSS Mercury Strapping Machine

The STEP TP-702RSS is a high-speed automatic strapping machine with a stainless steel frame. It delivers dependable high speed performance for tiny or round package applications and is suited for damp working environments such as meat, seafood, poultry, and agricultural processing operations.

Options

- Photo-eye switch
- Rear foot bar switch
- Foot pedal switch
- Lower adjustable table height (770-820 mm)

Great for small cross sections

SPECIFICATIONS			
Model	STEP TP-702RSS Mercury Strapping Machine		
Strap Width	5mm	6mm	9mm
Capacity	Up to 65 cycles/minute		
Tension Range	1-32kg		
Weight	158kg		
Electrical Requirements	110V, 220V, 230V, 240V 50/60Hz 1PH		
Item Number	41190605-A55	41190606-A55	41190609-A55

Features

- Robust & compact mechanical strapping head
- Free access to strap guides (patents registered)
- Waist-high quick coil change (patents registered)
- Waist-high auto strap feeding
- Turnable operating control panel
- Auto strap ejector
- Dispenser release switch
- Sensor controlled heater
- Low voltage
- Strap end ejector
- Front foot bar switch
- Adjustable table height between 820 mm and 920 mm

STEP TP-6000CE1 with Center Sealing Point

The STEP TP-6000CE1 2050x400 is a high-performance packaging machine designed for efficiency and precision in sealing operations. This model features a center sealing point, making it ideal for various industrial applications that require robust and reliable packaging solutions.

Why center seal can be needed? To advanced packaging solution that combines precision, efficiency, and ease of use, making it a valuable addition to any industrial packaging operation.

Automatic strapping machine, produced in Taiwan and project built in Denmark.

Features

- Strap Compatibility
- Efficiency
- Safety Features
- Compact Design
- User-Friendly Interface

SPECIFICATIONS			
Model	STEP TP-6000CE1 or STEP TP-601DCE1 1250x400 with Center Sealing Point	STEP TP-6000CE1or STEP TP-601DCE1 1650x400 with center sealing point	STEP TP-6000CE1 or STEP TP-601DCE1 2050x400 with center sealing point
Arch size	1250x400mm	1650x400mm	2050x400mm
Strap size	12mm		
Strap Tension	10kg - 70kg (CE version: up to 45 kg)		
Capacity	5-27 cycles per minute product dependent		
Table Height	810mm		
Net Weight	220-260kg		
Electrical connection	230V 50Hz or Option 110V 60Hz		
Item Number TP-6000 Versions:	41100342-CS-A125.40	41100342-CS-A165.40	41100342-CS-A205.40
Item Number TP-601D Versions:	41170342-CS-A125.40	41170342-CS-A165.40	41170342-CS-A205.40