

Fully Automatic Strapping Machine

High speed strapping machine for single and parallel strapping

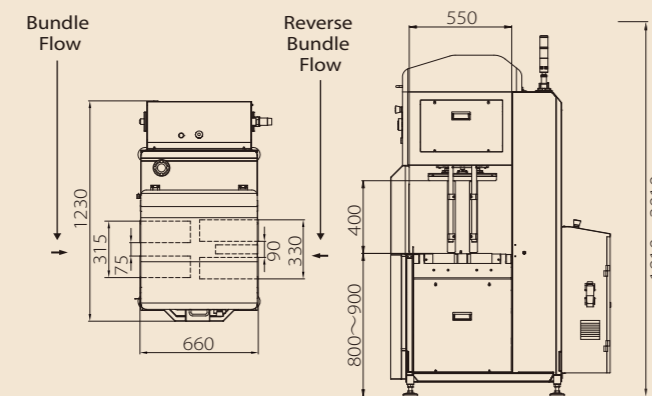
TP-702NS

The TP-702NS is a fully automatic strapping machine. With its high speed strapping, it can be integrated into most production lines and be utilized with various applications.



Main Features

- Robust & compact mechanical strapping head
- **Patented automatic tension control for various bundle dimensions**
- Dual pneumatic press
- Up and down stream interlock with complete plug connection
- Fully automatic operation with variable conveyor speed
- **Siemens PLC control and touch panel**
- Light tree alarm (dual lamp)
- **Free access to strap guides** (patents registered)
- **Easy access to strapping head** (patents registered)
- Quick coil change
- Automatic end-strap detection and ejection
- Adjustable table height between 800 mm and 900 mm
- Automatic strap loop ejection



Options

- Energy saving transit with auto sleep mode
- **Operator friendly low strap sensor (triple lamp)**
- Soft press for convex bundle
- Lower adjustable table height (730 mm - 800 mm)
- **Automatic side squaring**
- **Reverse bundle flow**
- Low volume bundle bypass
- Movable caster
- **Specifically modified for magazine strapping (TP-702MGZ)**

TP-702NS Technical Data

Capacity			
Single strapping up to 42 bundle/minute			
Double strapping up to 24 bundle/minute			
Bundle Size			
Width	max 500 mm	min 120 mm	
Height	max 400 mm	min 10 mm	
Bundle Weight max 25 kg			
Strap Width 5 mm, 6 mm or 9 mm P.P. strap			
Strap Tension 1-32 kg			
Strap Coil 200 mm (150 mm optional)			
Electrical Requirements			
220V, 380V, 400V 50/60 Hz 3Phase			
Net Weight 420 Kg			

Fully Automatic Longitudinal Strapping Machine

Bundle strapping in transport direction

TP-702NL

The TP-702NL is a fully automatic longitudinal strapping machine. The bundle is strapped in the transport direction.



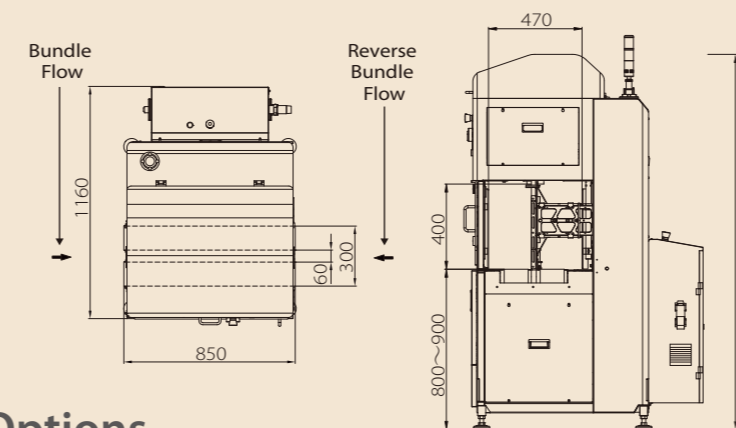
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Main Features

- Robust & compact mechanical strapping head
- **Patented automatic self-adjusting strap chute** (patents registered)
- Patented automatic tension control for various bundle dimensions
- Up and down stream interlock with complete plug connection
- Fully automatic operation with variable conveyor speed
- **Siemens PLC control and touch panel**
- Light tree alarm (dual lamp)
- **Free access to strap guides** (patents registered)
- **Easy access to strapping head** (patents registered)
- Quick coil change
- Automatic end-strap detection and ejection
- Adjustable table height between 800 mm and 900 mm
- Automatic strap loop ejection



Options

- Energy saving transit with auto sleep mode
- **Operator friendly low strap sensor (triple lamp)**
- Lower adjustable table height (730 mm - 800 mm)
- **Automatic side squaring**
- **Reverse bundle flow**
- Low volume bundle bypass
- Movable caster

TP-702NL Technical Data

Capacity up to 31 bundle/minute			
Bundle Size			
Width	max 450 mm	min 120 mm	
Length	max 500 mm	min 210 mm	
Height	max 400 mm	min 10 mm	
Bundle Weight max 25 kg			
Strap Width 5 mm, 6 mm or 9 mm P.P. strap			
Strap Tension 1-32 kg			
Strap Coil 200 mm (150 mm optional)			
Electrical Requirements			
220V, 380V, 400V 50/60 Hz 3Phase			
Net Weight 460 Kg			



All specifications are subject to change without notice.



TP-702N



TP-702N is an upgraded fully automatic strapping machine, designed specifically for the printed media industry. It is particularly suitable for newspaper, magazine, commercial and mail order strapping. In this category, we have four models to meet your various needs:

- In-line cross strapping system TP-702NIL
- Cross strapping system with multi-angle diverter TP-702NAD
- Fully automatic strapping machine TP-702NS
- Fully automatic longitudinal strapping machine TP-702NL

PRINTED MEDIA STRAPPING MACHINE

In-line Cross Strapping System

Cross strapping without bundle turning

TP-702NIL

(TP-702NIL consists of TP-702NL Longitudinal Strapping Machine and TP-702NS Strapping Machine)

The TP-702NIL is a fully automatic strapping system for in-line cross strapping. The design without bundle turning can secure the integrity of the bundle for cross strapping.

Main Features

- **Patented automatic tension control for various bundle dimensions**
- Up and down stream interlock with complete plug connection
- Fully automatic operation with variable conveyor speed
- **Siemens PLC control and touch panel**
- Light tree alarm (dual lamp)
- Waist-high auto strap feeding
- Dual pneumatic press
- Adjustable compression system
- Automatic end-strap detection and ejection
- Automatic strap loop ejection
- Adjustable table height between 800 mm and 900 mm
- Quick coil change



Robust & Compact Mechanical Strapping Head

TP-702N uses the latest DC brushless motor 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, TP-702N requires fewer adjustments, has fewer wear components, and requires less maintenance. The simple design of TP-702N minimizes the maintenance cost.



Automatic Self-adjusting Strap Chute (patents registered)

The strap chute can detect the incoming bundle height and stop at the accurate position. This intelligent design can streamline your strapping line and increase the speed of the strapping cycle.



Siemens Touch Panel

Provides easy adjustments, operating instructions and trouble shooting guides. Easy TEACH-IN programming without the need to adjust the setting when changing to different bundle size.



Easy Access to Strapping Head (patents registered)

The whole strapping head can be completely pulled out during production. With this most user friendly design, operators can perform maintenance directly without pulling out the machine from the production line.

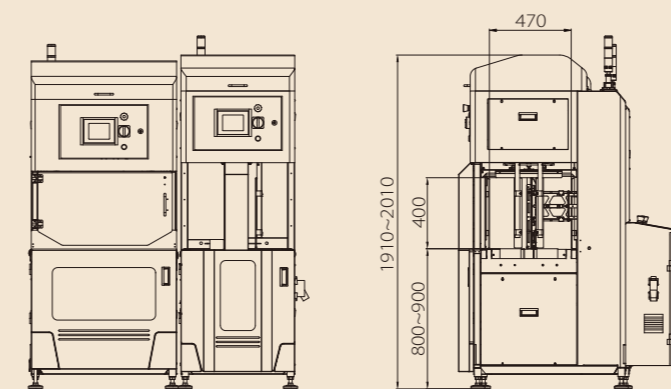
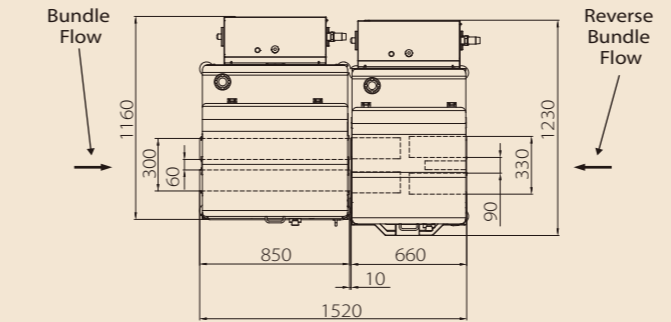


Free Access to Strap Guides (patents registered)

Unblock the guides enabling free and quick access to strap guides without the use of any tools. The most maintenance-friendly design.

Options

- Energy saving transit with auto sleep mode
- **Operator friendly low strap sensor (triple lamp)**
- Soft press for convex bundle
- Lower adjustable table height (730 mm - 800 mm)
- **Automatic side squaring**
- **Reverse bundle flow**
- Low volume bundle bypass
- Movable caster



TP-702NIL Technical Data

Capacity	Up to 31 bundle/minute	
Bundle Size	Width	max 450 mm min 120 mm
	Length	max 500 mm min 210 mm
	Height	max 400 mm min 10 mm
Bundle Weight	max 25 kg	
Strap Width	5 mm, 6 mm or 9 mm P.P. strap	
Strap Tension	1-32 kg	
Strap Coil	200 mm (150 mm optional)	
Sealing Method	Heat Sealing	
Electrical Requirements	220V, 380V, 400V 50/60 Hz 3Phase	
Transport Speed	10-60 M/minute	
Power Consumption	2.0 kW	
Pneumatic Source	6 bar	
Air Consumption	2.5 liter/cycle	
Net Weight	880 Kg	

Cross Strapping System with Multi-Angle Diverter

Cross strapping with transport direction change

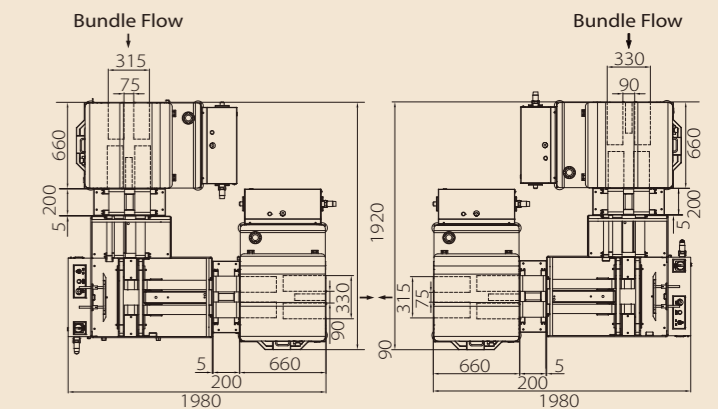
TP-702NAD

(TP-702NAD consists of two TP-702NS Strapping Machine and one N1-AD Angle Diverter)

The TP-702NAD is a fully automatic strapping system with multi-angle diverter for cross strapping requirement.

Main Features

- Robust & compact mechanical strapping head
- **Patented automatic tension control for various bundle dimensions**
- Dual pneumatic press
- Up and down stream interlock with complete plug connection
- Waist-high auto strap feeding
- Fully automatic operation with variable conveyor speed
- **Siemens PLC control and touch panel**
- Light tree alarm (dual lamp)
- **Free access to strap guides (patents registered)**
- **Easy access to strapping head (patents registered)**
- Quick coil change
- Automatic end-strap detection and ejection
- Automatic strap loop ejection
- **Multiple infeed and delivery directions**
- Adjustable table height between 820 mm and 900 mm



Options

- Energy saving transit with auto sleep mode
- **Operator friendly low strap sensor (triple lamp)**
- Soft press for convex bundle
- **Automatic side squaring**
- Low volume bundle bypass
- Movable caster

TP-702NAD Technical Data

Capacity	single/cross strapping up to 25 bundle/minute	
Bundle Size	Width	max 500 mm min 210 mm
	Height	max 400 mm min 10 mm
Bundle Weight	max 25 kg	
Strap Width	5 mm, 6 mm or 9 mm P.P. strap	
Strap Tension	1-32 kg	
Strap Coil	200 mm (150 mm optional)	
Electrical Requirements	220V, 380V, 400V 50/60 Hz 3Phase	
Net Weight	1,045 Kg	

