

STEP 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.

High Speed Strapping Machine for Single and Parallel Strapping



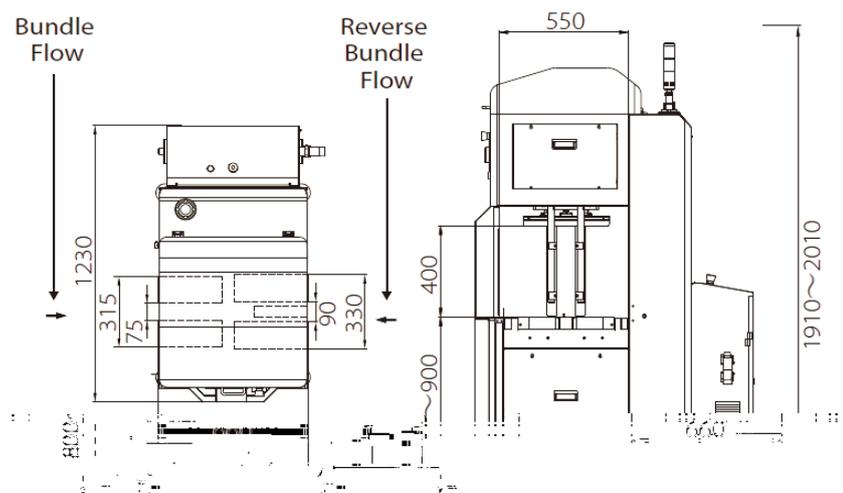
The STEP TP-702NS is a Fully Automatic Strapping Machine. With its High Speed Strapping, it can be integrated into most production lines and be utilized with various applications.

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 (STEP TP-702MGZ)

Fully Automatic Longitudinal Strapping Machine for Bundle Strapping in Transport Direction

The STEP TP-702NL is a Fully Automatic Longitudinal Strapping Machine. The bundle is strapped in the transport direction.

Main Features

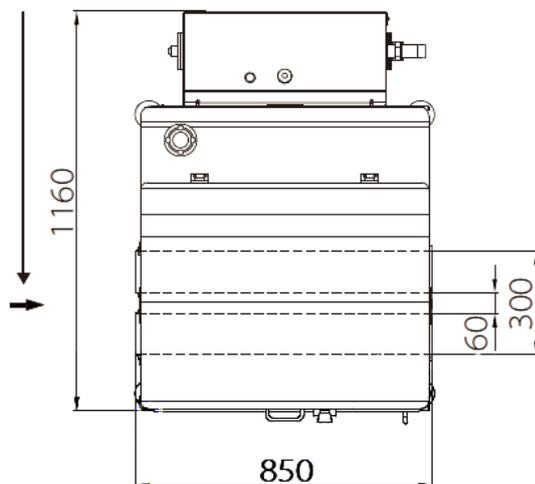
- Robust & Compact Mechanical Strapping Head
- Patented Automatic Self-Adjusting Strap Chute (Patents Registered)
- Patented Automatic Tension Control for various bundle dimensions
- Up and Down Stream Interlock with Complete Plug Connection
- Fully Automatic Operation with Variable Conveyor Speed
- 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

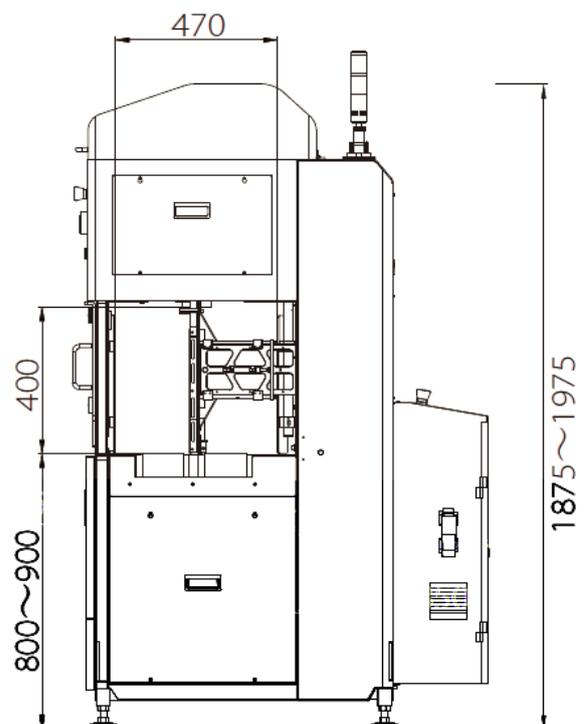
- Energy Saving Transit with Auto Sleep Mode
- Operator Friendly Low Strap Sensor (Triple Lamp)
- Lower Adjustable Table Height (730 mm - 800 mm)
- Automatic Side Squaring
- Reverse Bundle Flow
- Low Volume Bundle Bypass
- Movable Caster



Bundle
Flow



Reverse
Bundle
Flow



In-Line Cross Strapping System without Bundle Turning

The STEP 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

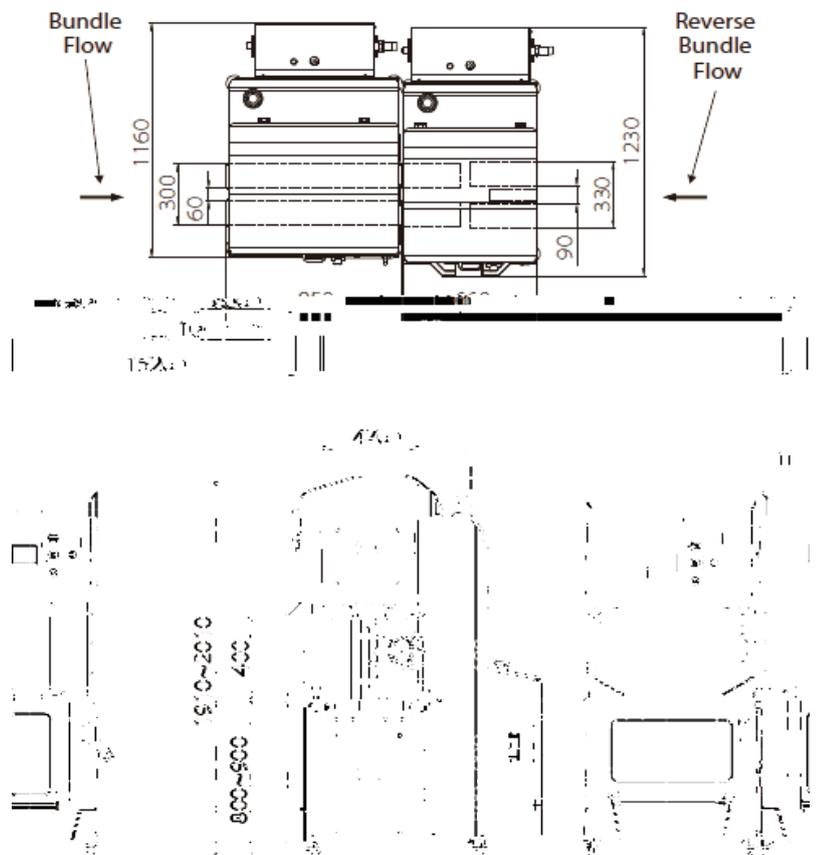
- Light Tree Alarm (Dual Lamp)
- Waist-High Auto Strap Feeding
- Up and Down Stream Interlock with Complete Plug Connection
- Fully Automatic Operation with Variable Conveyor Speed
- Patented Automatic Tension Control for Various Bundle Dimensions
- Siemens PLC Control and Touch Panel
- Dual Pneumatic 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

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



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



Cross Strapping System with Multi-Angle Diverter for Transport Direction Change

The STEP TP-702NAD is a Fully Automatic Strapping System with Multi-Angle Diverter for Cross Strapping requirements. STEP TP-702NAD consists of two (2) STEP TP-702NS Strapping Machine and one (1) N1-AD Angle Diverter.

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

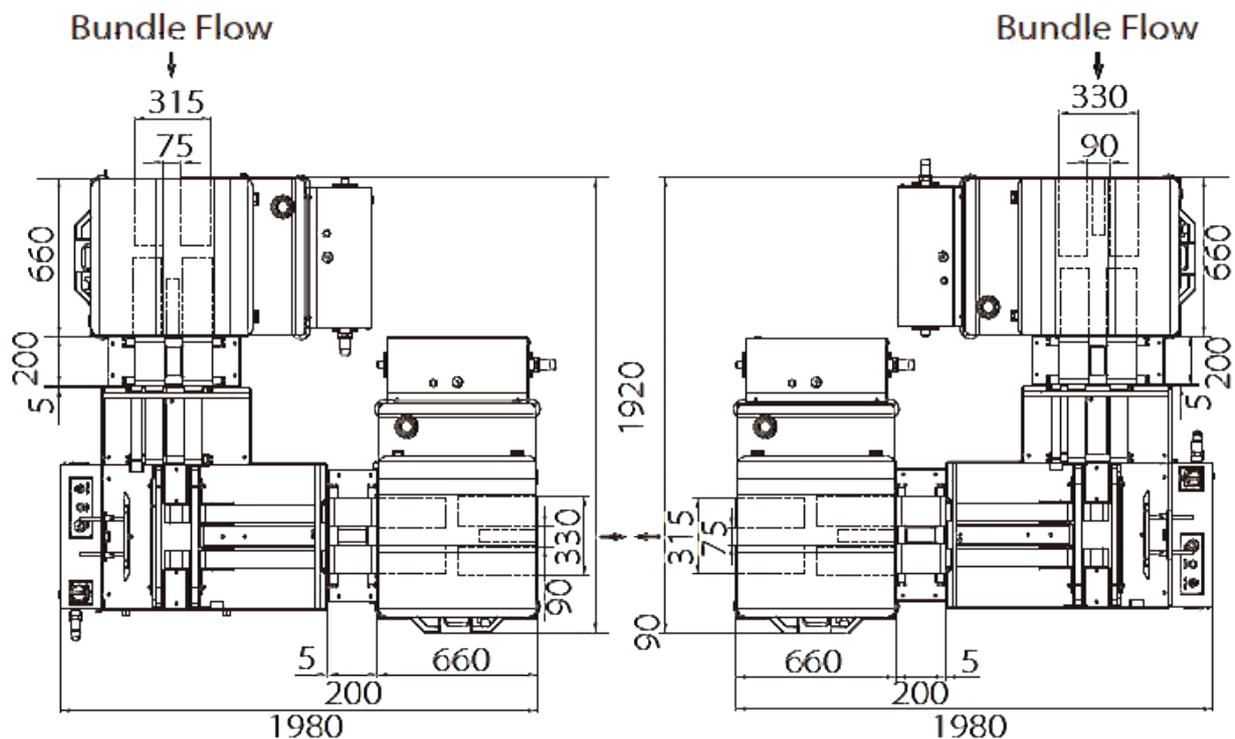


Options

- 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



N1-AD Angle Diverter



Step Item no.:



Robust & Compact Mechanical Strapping Head

The STEP TP-702N Series 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, STEP TP-702N requires fewer adjustments, has fewer wear components, and requires less maintenance. The simple design of the STEP 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 troubleshooting 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.

Model		STEP TP-702NS	STEP TP-702NL	STEP TP-702NIL	STEP TP-702NAD
Capacity (bundle/min)		42(single) 24(double)	up to 31 bundle/minute		25 bundle/min (single or double)
Bundle Sizes (mm)	Length	-	500 (max) 210 (min)		-
	Width	500 (max) 120 (min)	450 (max) 120 (min)		500(max) 210(min)
	Height	400 (max) 10 (min)	400 (max) 10 (min)		400(max) 10(min)
Bundle Weight		25 kg (max)			
Strap Width		5mm/6mm/9 mm P.P. Strap			
Strap Tension		1-32 kg			
Strap Coil		200mm (150mm Optional)			
Electrical Requirements		3 Phase According to Local Standard			
Net Weight		420 kg	460 kg	880 kg	1045 kg