

Tenso® TS-702CTRS

High Speed Strapper for Specialty
Folder Gluer Boxes

#60455



**Robust
Strapping Head**

**Quality
Components**

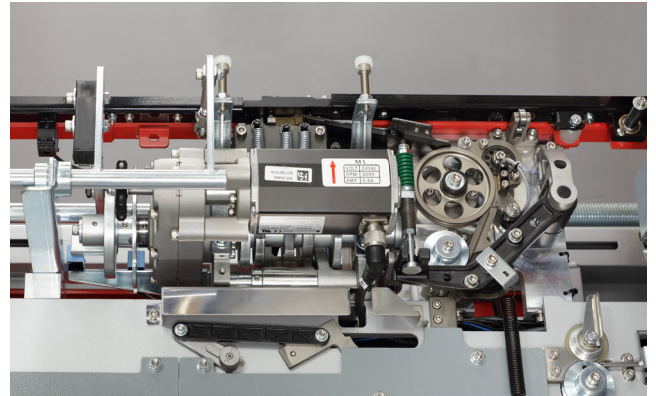
**Ascending Backstop
with Sensor**

**Easy Access
Strap Guides**

This high-speed strapper is designed specifically for specialty boxes, such as crash lock boxes, four-corner trays, and various folded box types from shingled-stream folder gluer outputs. We've integrated innovative side-pusher and backstop technologies to ensure that each stack remains perfectly aligned and protected during the strapping process. This machine exemplifies our dedication to efficiency and precision, offering a reliable solution that maintains high speed while safeguarding even the most delicate boxes. With this strapper, we continue to set the standard for quality and performance in the packaging industry.

Features

- Compact & robust strapping head
- Ascending backstop with sensor
- Easy maintenance
- Siemens PLC & HMI
- Quick and effortless changeover
- Free access to strap guides
- Auto strap ejector
- Strap end ejector
- Sensor-controlled heater
- Adjustable table height (700mm to 1000mm)



Compact & Robust Strapping Head

Options

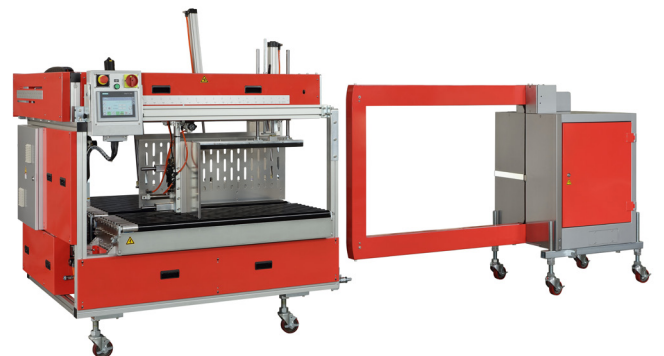
- Light tower with low strap sensor
- Foot pedal switch
- Uplifted support
- Powered top conveyor
- Additional backstop



Siemens PLC and HMI



Additional Backstop



Easy Maintenance

Specifications

| | MACHINE OPTION 1 | MACHINE OPTION 2 | MACHINE OPTION 3 |
|---|---|---|---|
| Arch width | 1000W | 1300W | 1600W |
| Capacity | Single strap: 23 bundle/min Double straps: 12.5 bundle/min | Single strap: 22 bundle/min Double straps: 12 bundle/min | Single strap: 21 bundle/min Double straps: 11.5 bundle/min |
| Bundle Dimension | 380L×325W×130H mm | 380L×325W×130H mm | 380L×325W×130H mm |
| Strap Type | Polypropylene Strapping | Polypropylene Strapping | Polypropylene Strapping |
| Strap Width | 5 mm, 6 mm, 9 mm, or 12 mm | 5 mm, 6 mm, 9 mm, or 12 mm | 5 mm, 6 mm, 9 mm, or 12 mm |
| Strap thickness | 0.35 mm - 0.65mm | 0.35 mm - 0.65mm | 0.35 mm - 0.65mm |
| Tension Range | 1 - 32 kg (for 5 mm, 6 mm, 9 mm) 1 - 55 kg (for 12mm) | 1 - 32 kg (for 5 mm, 6 mm, 9 mm) 1 - 55 kg (for 12mm) | 1 - 32 kg (for 5 mm, 6 mm, 9 mm) 1 - 55 kg (for 12mm) |
| Dimensions (W) × (D) × (H) | 2130 x 1600 x 1925-2125 mm | 2430 x 1600 x 1925-2125 mm | 2430 x 1600 x 1925-2125 mm |
| Table Height | 700 - 900 mm | 700 - 900 mm | 700 - 900 mm |
| Machine Net Weight | 665 kg | 665 kg | 805 kg |
| Maximum Bundle Weight | 25 kg | 25 kg | 25 kg |
| Minimum Bundle Size | 130L × 130W × 100H mm (without Press Bar) 250L × 130W × 100H mm (with Press Bar) | 130L × 130W × 100H mm (without Press Bar) 250L × 130W × 100H mm (with Press Bar) | 130L × 130W × 100H mm (without Press Bar) 250L × 130W × 100H mm (with Press Bar) |
| Strap Core Inner Diameter | 200 mm | 200 mm | 200 mm |
| Power Consumption | 1.1 kW | 1.1 kW | 1.1 kW |
| Temperature of working environment | 5 ~ 40℃ | 5 ~ 40℃ | 5 ~ 40℃ |
| Humidity of working environment | < 50% without condensation | < 50% without condensation | < 50% without condensation |
| Conveyor Speed | Conveyor Speed | Conveyor Speed | Conveyor Speed |
| Pneumatics Source | 24 ~ 60 M/min | 24 ~ 60 M/min | 24 ~ 60 M/min |
| Air Consumption (cycle) | 13.5NL/cycle (without 2nd Back-stop) 20.6NL/cycle (with 2nd Backstop) | 13.5NL/cycle (without 2nd Back-stop) 20.6NL/cycle (with 2nd Backstop) | 13.5NL/cycle (without 2nd Back-stop) 20.6NL/cycle (with 2nd Backstop) |
| Air Consumption (minute) | 10.96 CFM @87PSI | 10.48 CFM @87PSI | 10.48 CFM @87PSI |
| Electrical Requirements | 220V, 380V, 400V, 415V 50/60Hz 3PH | 220V, 380V, 400V, 415V 50/60Hz 3PH | 220V, 380V, 400V, 415V 50/60Hz 3PH |



See m in action!

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