## Technical Data

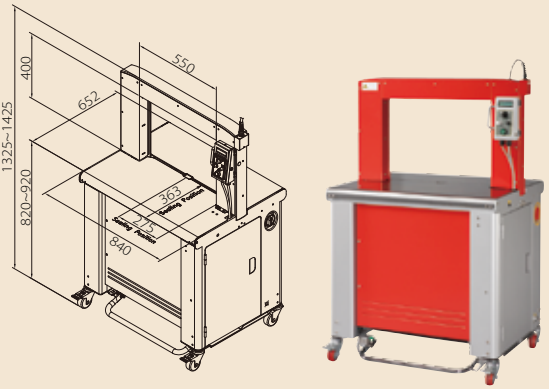| Specifications / Model Number | PP Strap Requirement | Speed per Minute | Tension Range | Machine Net Weight | Electrical Requirements |
|---|---|---|---|---|---|
| TP-702-59 | 5 mm, 6 mm, or 9 mm | 65 straps | 1 to 32 kg | 158 kg | 110V/220V/230V/240V 50/60Hz 1PH |
| TP-702-12 | 12 mm | 60 straps | 1 to 45 kg* | 167 kg | |
| TP-702P-59 | 5 mm, 6 mm, or 9 mm | 47 straps | 1 to 32 kg | 224 kg | |
| TP-702P-12 | 12 mm | 44 straps | 1 to 45 kg* | 226 kg | |
| TP-702RS | 5 mm, 6 mm, or 9 mm | 65 straps | 1 to 32 kg | 158 kg | |

＊ Higher tension is on request.

## Arch Sizes (Available with mark ✓)

### TP-702-59 ( for 5mm, 6mm, or 9mm strap)

| H \ W | 550 | 650 | 850 | 1050 | 1250 | 1650 | 1850 |
|---|---|---|---|---|---|---|---|
| 400 | Ⓢ | | ✓ | | | | |
| 500 | | ✓ | ✓ | ✓ | ✓ | | |
| 600 | | ✓ | | | | | |
| 800 | | | ✓ | ✓ | | ✓ | |
| 1000 | | | | ✓ | ✓ | | |

Ⓢ Standard size : 550 mm (W) x 400 mm (H)

### TP-702-12 ( for 12mm strap)

| H \ W | 650 | 850 | 1050 | 1250 | 1650 | 1850 | 2050 | 2250 |
|---|---|---|---|---|---|---|---|---|
| 400 | | ✓ | | | | | | |
| 500 | Ⓢ | | ✓ | | ✓ | | | ✓ |
| 600 | | ✓ | ✓ | | | | | ✓ |
| 800 | | ✓ | ✓ | | ✓ | | | |
| 1000 | | ✓ | ✓ | ✓ | | | | |
| 1200 | | ✓ | | | | | | |

Ⓢ Standard size : 650 mm (W) x 500 mm (H)

### TP-702P-59 ( for 5mm, 6mm, or 9mm strap)

| H \ W | 650 | 850 | 1050 | 1250 | 1650 |
|---|---|---|---|---|---|
| 500 | Ⓢ | | ✓ | ✓ | |
| 600 | | ✓ | | | |
| 800 | | ✓ | ✓ | | |

Ⓢ Standard size : 650 mm (W) x 500 mm (H)
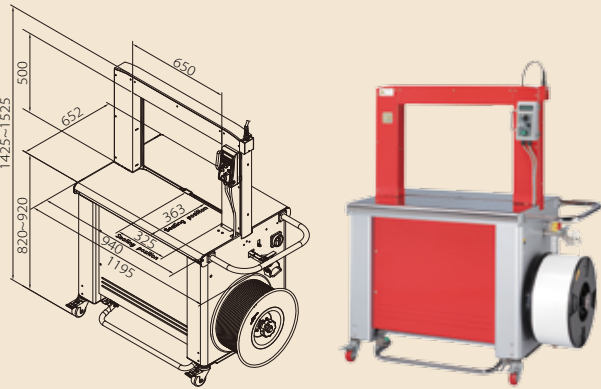
### TP-702P-12 ( for 12mm strap)

| H \ W | 650 | 850 | 1050 | 1250 | 1650 |
|---|---|---|---|---|---|
| 500 | Ⓢ | | | ✓ | |
| 600 | | ✓ | | | |
| 800 | | ✓ | ✓ | | |

Ⓢ Standard size : 650 mm (W) x 500 mm (H)
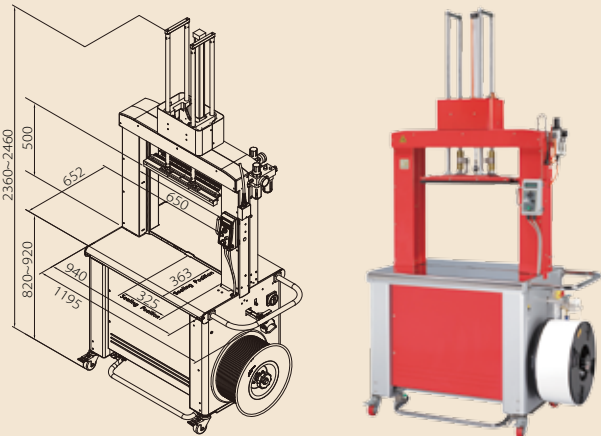
# Offer Maximum Value with Minimum Cost

## Always More than You Expect

**TP-702**
High speed automatic strapping machine

**TP-702P**
High speed automatic strapping machine with dual pneumatic press

**TP-702RS**
High speed automatic strapping machine for small or round package

Made in Taiwan    12.2016X2000

ISO 9001 Certified Factory

### MERCURY TP-702

up to **65** straps per minute
Speed

Mercury TP-702 is a world-class high speed automatic strapping machine. The innovative features and superior performance give Mercury TP-702 a voice to speak for itself. It offers you the maximum value with the minimum cost — *so little to pay and yet so much to get.*

In this category, we have three models to meet your various needs:
- High speed automatic PP strapping machine TP-702
- High speed automatic PP strapping machine with dual pneumatic press TP-702P
- High speed automatic PP strapping machine for small or round package TP-702RS

TecGreen
We Care. We Commit. We Change.

# AUTOMATIC
## STRAPPING MACHINE

## Mercury

**Innovative World-class Model**

# TP-702

Mercury TP-702 is an innovative world-class high speed automatic strapping machine. It is suitable for 5, 6, 9, or 12mm PP strap. It equips with all industry's standard features and creative user friendly designs. Mercury TP-702 offers the most optimal performance, highest speed, easiest maintenance, and the most cost effective solution in its class today.



## Main Features



### Robust & Compact Mechanical Strapping Head
Mercury uses the latest brushless DC 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, Mercury requires fewer adjustments, has fewer wear components, and requires less maintenance. The simple design of Mercury minimizes the maintenance cost.



### Free Access to Strap Guides (patents registered)
Hinged top plate makes easy access to the strapping head for quick maintenance. Unblocking the guides enables free and quick access to strap guides without use of any tools. The most maintenance friendly design.



### 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.



### 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.



### Turnable Operating Control Panel
The turnable operating control panel with **LCD display** is located on upper side of the machine for easy access. It enables machine operation from both front and rear sides. User friendly.



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



## More Features

### Dispenser Release Switch
Friendly design makes it easier to pull the strap from the strap dispenser for waist-high auto strap feeding.

### Sensor Controlled Heater
The fast heating mechanism is sensor controlled assuring consistent and high sealing efficiency.

### Low Voltage
All DC motors and heater are "stepped down" to 24V to increase the safety of the machine.

### 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.

### Front Foot Bar Switch
Standard front foot bar switch makes machine operation in a very easy way. Ergonomic cycle initiation design and user friendly.

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

## Options

- Photo-eye switch
- Rear foot bar switch
- Foot pedal switch
- Lower adjustable table height (770-820 mm)
- Stainless steel frame SUS 304
  (TP-702S) (TP-702PS) (TP-702RSS)

# TP-702P
## With Dual Pneumatic Press

Mercury TP-702P (with dual press) is ideal to strap compressible material such as corrugated papers, paper sheets, plastic sheets, bags, etc.



**Dual Pneumatic Press**
Offer better product stability and containment.



# TP-702RS
## For Small or Round Package

Mercury TP-702RS is suitable for small or round packages of plastic pipes, steel rod, hardwood, etc. It can strap packages as small as 40 mm(W) x 10 mm(H) or round packages as small as Ø 32 mm x 2 pieces. TP-702RS provides reliable high speed performance for small or round package applications.

**Arch Size:** 550 mm(W) x 400 mm(H)
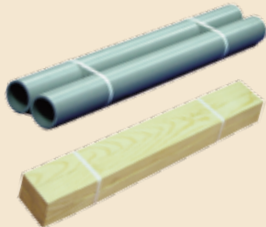


## Package Sizes

| Strap width \ Package size | Min | Max |
|---|---|---|
| 5/6 mm | ▢ 40 mm(W) x 10 mm(H)<br>◯ Pipe Ø 32 mm x 2pcs | 500 mm(W) x 350 mm(H) |
| 9 mm | ▢ 50 mm(W) x 10 mm(H)<br>◯ Pipe Ø 34 mm x 2pcs | |