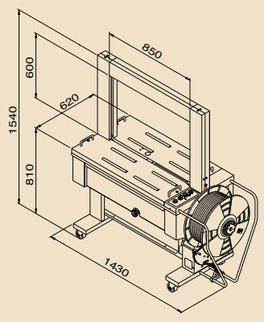
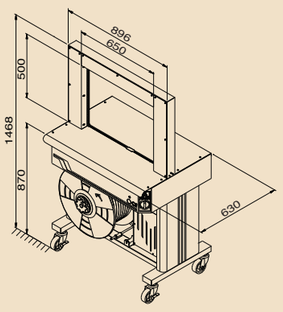
Technical Data

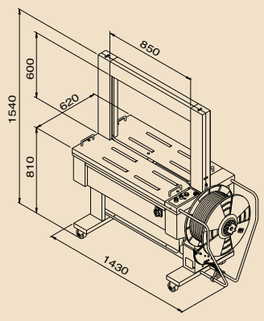
Model / Specifications	TP-6000	TP-601D	TP-601L	TP-705	TP-701/TP-701RS	TP-701P
Strap Width	8 mm-15.5 mm	8 mm-12 mm	8 mm-12 mm	5 mm, 6 mm	5 mm, 6 mm, and 9 mm	5 mm, 6 mm, and 9 mm
Strap Tension	10-70 kg	7-70 kg	7-70 kg	1-28 kg	1-35 kg	1-35 kg
Speed (straps/minute, 60Hz)	27	29	29	28	50	40
Net Weight	220 kg	220 kg	235 kg	125 kg	160 kg	192 kg
Power	110V, 220V, 230V, 380V, 400V 50/60Hz 1PH or 3PH	110V, 220V, 230V, 380V, 400V 50/60Hz 1PH or 3PH	110V, 220V, 230V, 380V, 400V 50/60Hz 1PH or 3PH	110V, 220V, 230V 50/60Hz 1PH	110V, 220V, 230V 50/60Hz 1PH	110V, 220V, 230V 50/60Hz 1PH



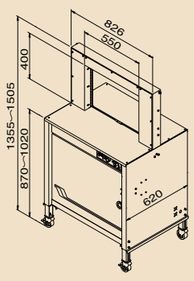
TP-6000



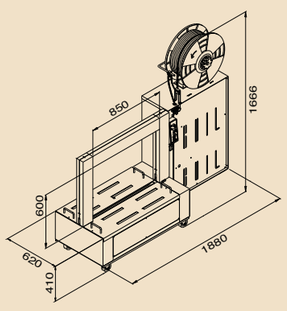
TP-705



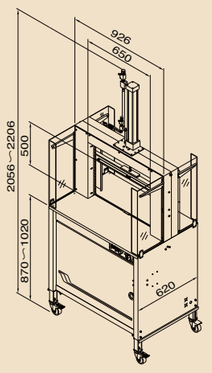
TP-601D



TP-701/TP-701RS



TP-601L



TP-701P

All specifications are subject to change without notice.

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TRANSPAK
TRANSPAK EQUIPMENT CORP.

AUTOMATIC STRAPPING MACHINE

Transpak offers general-purpose automatic strapping machines with reliability and high performance. In this category, we have complete product line from economy model to world-class innovative high-speed model as follows:

- Economy model for wide straps TP-6000
- Enhanced model for wide straps Tauris TP-601D
- Enhanced model with low table for wide straps Tauris TP-601L
- Economy model for narrow straps Hector TP-705
- High-speed world-class model for narrow straps Atlantis TP-701, TP-701P, and TP-701RS

TP-701

Automatic Strapping Machine for Wide Straps

Enhanced model

In this category, we have two machines: TP-601D and TP-601L

TAURIS TP-601D

The Tauris TP-601D and TP-601L are enhanced automatic strapping machines for wide straps (8mm-12mm). With the enhanced features, Tauris is the most powerful machine and the best price/performance ratio product in its class for wide straps general purpose application.

Main Features:

Reliable Strapping Head

Robust mechanism design and high engineering standard ensure excellent durability. Using two proximity switches to replace conventional limit switches.

Auto Strap Ejector

Loop-eject clears unwanted strap automatically if the machine is accidentally strapped without a package. Eliminates downtime.

Electronic Tension Control

External adjustment of strap tension by the simple turn of a dial. Easy operation.

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 access to the inside of the machine. Easy strap loading.

More Features:

- **Short Feed Sensor**
  The sensor will detect whether the strap is at sealing position. If it is not, the start switch could not be activated.
- **Auto Strap Refeed**
  The machine will automatically refeed if a mis-strap occurs.
- **Strap End Ejector**
  Ejects end of coil. Get the machine ready for next coil of strap.

Options

- Stainless steel frame SUS 304

TAURIS TP-601L (low table)

- Good for Heavy and Bulky Packages
- Docking type

TP-601D/TP-601L Arch Sizes:

H \ W	650	850	1050	1250
400				
600		Ⓢ		
800				
1000				
1200				

Ⓢ Standard size: 850 mm(W) x 600 mm(H)

- Larger arches on reguest

Automatic Strapping Machine for Wide Straps

Economy model

TP-6000

The TP-6000 is an economical model automatic strapping machine for wide straps (8mm-15.5mm). With proven quality and competitive price, it is the most cost effective solution for wide straps general purpose application.

Main Features:

- Easy operation, simple maintenance.
- Mechanical outside tension control. Tension can be easily set with a dial.
- Affordable for every budget.

Options

- Stainless steel frame SUS 304
- Short feed sensor

  The short feed sensor will detect the strap and make sure machine can only operate when the strap is at the sealing position.

Arch Sizes:

H \ W	650	850	1050	1250
400				
600		Ⓢ		
800				
1000				
1200				

Ⓢ Standard size: 850 mm(W) x 600 mm(H)

• Larger arches on reguest

Automatic Strapping Machine for Narrow Straps

Economy model

Hector TP-705

The Hector TP-705 is an economical model automatic strapping machine for narrow straps (5mm/6mm). The new design of compact mechanical strapping head with less moving parts substantially reduces maintenance issues. It is the most cost effective solution for narrow strap general purpose application.

Main Features:

Compact Mechanical Strapping Head
With less moving parts substantially reduces maintenance issues.

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

Electronic Tension Control
External adjustment of strap tension by the simple turn of a dial. Easy operation.

Short Feed Sensor & Auto Strap Refeed
The short feed sensor will detect the strap and make sure the machine can only operate when the strap is at the sealing position.
The auto strap refeed will make the machine automatically refeed if a mis-strap occurs.

Good sealing joint
With strap alignment device guarantees good sealing joint.

Arch Size
650mm(W) x 500mm(H), one size only

Options

- Foot pedal switch
- Adjustable table height between 870 mm and 950 mm

Automatic Strapping Machine for Narrow Straps

High-speed world-class model

In this category, we have three machines: TP-701, TP-701P, and TP-701RS

ATLANTIS TP-701

The Atlantis TP-701, TP-701P, and TP-701RS are innovative high-speed automatic strapping machine for narrow straps（5mm, 6mm, and 9mm）. It is a world-class machine and is the best price/performance ratio product in its class for narrow straps general purpose application.

Electronic Tension Control

External adjustment of strap tension by the simple turn of a dial (1-35 kg). Easy operation.

Auto Strap Feeding

Simply insert the strap into the feeding rollers, hold up the lever, close the front door, push the start switch and the machine will automatically feed itself without access to the inside of the machine. Easy strap loading.

Auto Strap Ejector

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

Adjustable Table Height

The table height is adjustable to any height between 870 mm and 1020 mm.

Main Features:

Compact Mechanical Strapping Head

The Atlantis uses latest multi DC brushless motor technology to provide the highest level of accuracy currently available in the strapping machine industry.

With 30% fewer parts than comparable strapping machines, Atlantis requires fewer adjustments, has fewer wear components, and requires less maintenance.

The simple design of the Atlantis makes maintenance training far easier than previous strapping machines.

More Features:

One-Piece Strap Chute
Utilizing a highly reliable one-piece strap chute from a special low wear, low friction material. The one-piece strap chute (with no flap inside) guarantees that straps are applied at parallel positions.

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

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

Low Voltage
All five DC motors and heater are “stepped down” to 24V to increase the safety of the machine.

Strap End Ejector
Ejects end of coil. Get the machine ready for next coil of strap.

Jog Switch
Enable to stop the machine at any position for easy maintenance checking.

Arch Sizes:（TP-701）

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

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

• Arch size available with mark V

Options

- Photo-Eye Switch
- Foot Bar Switch
- Stainless Steel Frame (TP-701S)

ATLANTIS TP-701RS

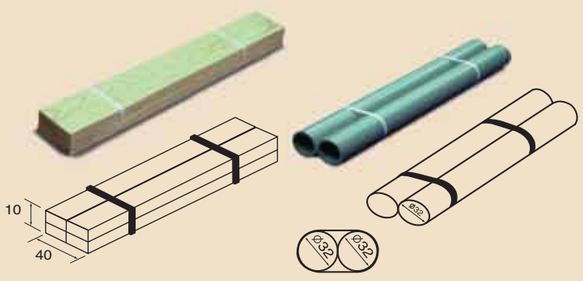
(for round and small packages)

- Suitable for round and small bundles of plastic pipes, steel rod, hardwood…etc.
- Arch size: 550mm(W) x 400mm(H)

- Package size:

Strap Width	Max	Min
5/6 mm*	520 mm(W) x 380 mm(H)	☐ Wood 40 mm(W) x 10 mm(H) ○ Pipe ∅ 32 mm x 2 pc
9 mm		☐ Wood 50 mm(W) x 10 mm(H) ○ Pipe ∅ 34 mm x 2 pc

* Photos for Min Package for 5/6 mm strap



ATLANTIS TP-701P (with press)

- Ideal to strap compressible material such as corrugated papers, paper sheets, plastic sheets, bags....etc.
- Standard arch size : 650mm(W) x 500mm(H)
- Larger arches on request