

# SIDE-SEAL STRAPPING MACHINES

**PROTECT**  
YOUR **PEOPLE**  
& **PROFIT**



# SIDE-SEAL STRAPPING MACHINES

## Mercury Series



### SM60 / SM60-FA

- High value-added machine with high strapping speed to meet fast production line
- For 5 mm, 6 mm, 9 mm, or 12 mm PP strapping
- Robust and compact mechanical strapping head
- Latest German-made brushless DC motor direct drive technology
- Free access to strap guides (patents registered)
- Downward tension force
- Inner strap dispenser design
- Auto strap ejector
- Up and down stream interlock (SM60-FA)
- Capacity up to 60 cycles per minute for SM60 and up to 35 packages per minute for SM60-FA



### SM60-S / SM60-FA-S

- High value-added machine with high strapping speed to meet fast production line
- Wash-down machine (water proof design)
- For 5 mm, 6 mm, 9 mm, or 12 mm PP strapping
- Robust and compact mechanical strapping head
- Latest German-made brushless DC motor direct drive technology
- Free access to strap guides (patents registered)
- Downward tension force
- Inner strap dispenser design
- Auto strap ejector
- Up and down stream interlock (SM60-FA-S)
- Capacity up to 60 cycles per minute for SM60-S and up to 35 packages per minute for SM60-FA-S

# SIDE-SEAL STRAPPING MACHINES

## Tauris Series



### Auto PAC - Side Seal

- Reliable and robust strapping head
- Friction weld sealing technology
- For 9 mm, 12 mm, or 15.5 mm PP and PET strapping
- Siemens PLC control
- Electronic tension control
- Auto strap ejector
- Auto strap refeed
- Up and down stream interlock with photo-eye control
- Capacity up to 11 cycles per minute

## Economy Machine



### TP-201Y / TP-201YA

- Affordable choice for every budget
- TP-201Y painted steel frame version and TP-201YS stainless steel frame SUS 304 version
- Easy operation, simple maintenance
- For 6 mm-15.5 mm PP strapping
- Mechanical tension control
- Suitable for low volume applications

# SIDE-SEAL MACHINE WITH PAINTED STEEL FRAME

## Mercury SM60 / SM60-FA

SM60 and SM60-FA are high-speed side-seal strapping machines built with Transpak Mercury strapping head and brushless DC motor technology. They can be put into a wide range of applications, such as household appliances, furniture, tile industries, logistics, etc. The SM60 series are ideal for high capacity and efficiency automated lines.

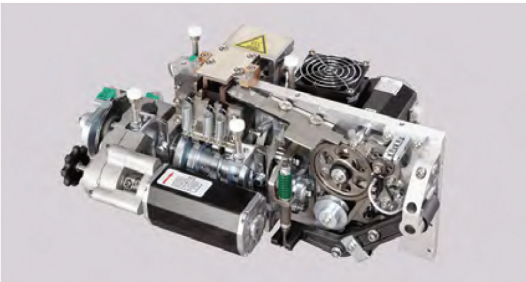


**SM60** Automatic model



**SM60-FA** Fully-Auto model

## Main Features



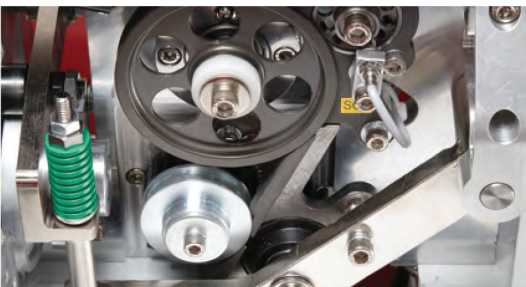
### Robust and Compact Strapping Head

Use the latest brushless DC motor direct drive technology to provide the highest level of accuracy and reliability. All motors are German-made. Without belts, clutches, and pulleys, its compact design greatly minimizes the numbers of moving parts and maintenance cost.



### Control Panel with LCD Display

The operating control panel is located on upper side of the machine for easy access. The LCD display shows the machine condition for easy operation and maintenance.



### Free Access to Strap Guides (patents registered)

Unlocking the guides enables free and quick access to the strap guides without using any tools. The most maintenance friendly design.



### Inner Strap Dispenser Design

The position of strap dispenser is inside the machine frame. It makes coil change in the most convenient and labor-saving way.



# SIDE-SEAL MACHINE WITH PAINTED STEEL FRAME

## More Features

### Downward Tension Force

Offer the most consistent tension to the package and help to hold package much firmly.

### Auto Strap Ejector

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

### Strap End Ejector

Eject the 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.

### Adjustable Table Height

The table height is adjustable to any height between 17.5" and 25.3".

### Up and Down Stream Interlock (SM60-FA)

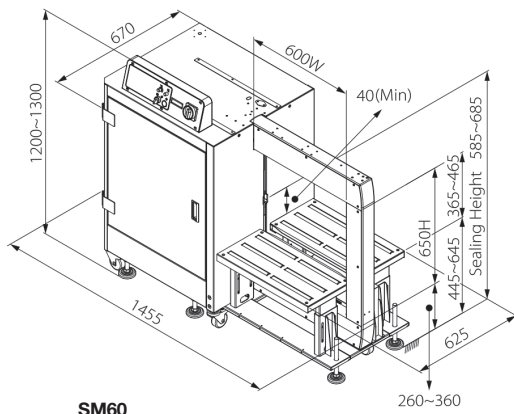
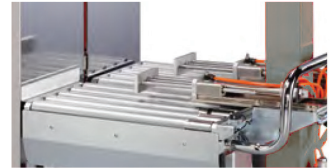
With complete plug connection. Easily integrated into most production lines.

### Sensor Controlled Heater

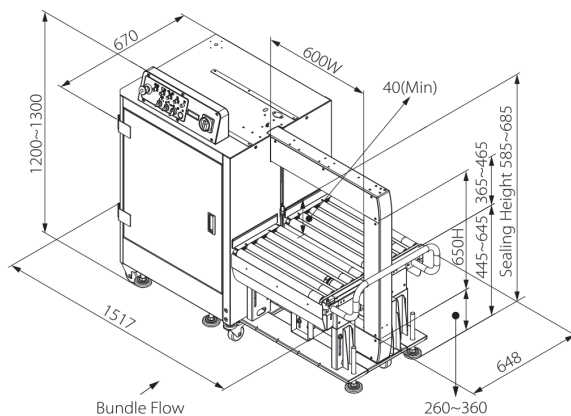
The fast heating mechanism is sensor controlled assuring consistent and high sealing efficiency.

## Options

- Light tower with low strap sensor
- Small package
- Siemens PLC control (for SM60-FA)
- Energy saving transit with auto sleep mode (for SM60-FA)
- End of cycle and strapping error signals (for SM60)
- Without adjustable roller table (SM60-XT)
- Side Pusher (for SM60-FA)  
Push the package towards strapping head for better strapping performance.
- Dual Press Bar  
Ideal to strap compressible materials or telescoped boxes.



SM60



SM60-FA

## Arch Sizes

| H \ W         | 23.6"/600 mm | 31.5"/800 mm | 39.4"/1000 mm | 51.2"/1300 mm |
|---------------|--------------|--------------|---------------|---------------|
| 25.6"/650 mm  |              | N/A          | N/A           |               |
| 33.4"/850 mm  |              |              | N/A           |               |
| 41.3"/1050 mm |              |              |               |               |
| 49.2"/1250 mm |              |              |               |               |
| 64.9"/1650 mm | N/A          | N/A          |               | N/A           |
| 72.8"/1850 mm |              | N/A          |               | N/A           |

- N/A means not available
- More arch sizes are on request

## Technical Data

|                         |  |
|-------------------------|--|
| Capacity                | Up to 60 cycles/minute (SM60)<br>Up to 35 packages/minute (SM60-FA)      |
| Strap Width             | 3/8 (9mm) - 1/2 (12mm)   |
| Tension Range           | 1 - 70 lbs. (3/8")<br>1 - 122 lbs. (1/2")                                |
| Weight                  | 648 lbs. (SM60)<br>750 lbs. (SM60-FA)                                    |
| Electrical Requirements | 110V, 220V, 230V, 240V 50/60Hz 1PH<br>220V, 380V, 400V, 415V 50/60Hz 3PH |

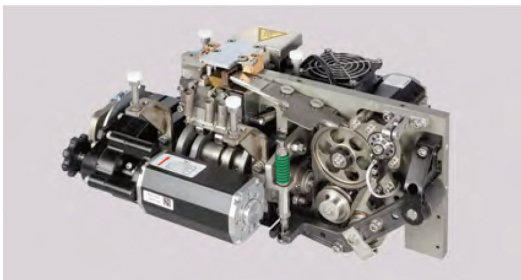
# SIDE-SEAL WASH-DOWN MACHINE

## SM60-S / SM60-FA-S

TP-702YM and TP-702YAM are wash-down side-seal strapping machines built with Transpak Mercury strapping head and brushless DC motor technology. With stainless steel cabinet (SUS 304) and rust resistant or corrosion retardant components, SM60-S and SM60-FA-S provide maximum protections for the applications in the harsh working environment like seafood, meat, and poultry processing industries.

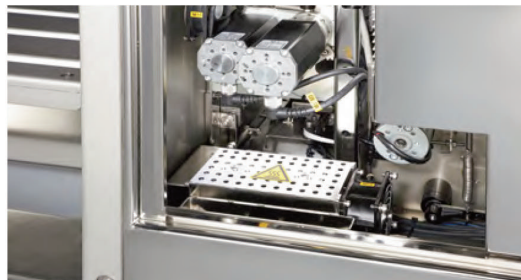


## Main Features



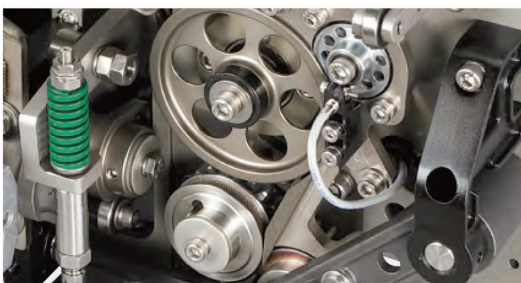
### Robust and Compact Strapping Head

Use the latest brushless DC motor direct drive technology to provide the highest level of accuracy and reliability. All motors are German-made. Without belts, clutches, and pulleys, its compact design greatly minimizes the numbers of moving parts and maintenance cost.



### Water Proof Design

Internal heating device assists to prevent accumulating humidity inside. Special protection for electric control unit with IP 54 rated ensures highest safety. Provide most strict protection from water and wash down spray.



### Free Access to Strap Guides (patents registered)

Unblocking the guides enables free and quick access to the strap guides without using any tools. The most maintenance friendly design.



### Downward Tension Force

Offer the most consistent tension to the package and help to hold package much firmly. It also offers the best packaging solution for food industry with styrofoam box.

# SIDE-SEAL WASH-DOWN MACHINE

## More Features

### Electronic Tension Control

The operating control panel with LCD display is located on upper side of the machine for easy access. Strap tension can be adjusted accurately by a simple turn of the dial.

### Inner Strap Dispenser Design

The position of strap dispenser is inside the machine frame. It makes coil change in the most convenient and labor-saving way. This design also protects the strap dispenser from moisture.

### Auto Strap Ejector

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

### Adjustable Table Height

The table height is adjustable to any height between 17.5" and 25.3".

### Up and Down Stream Interlock (TP-702YAM)

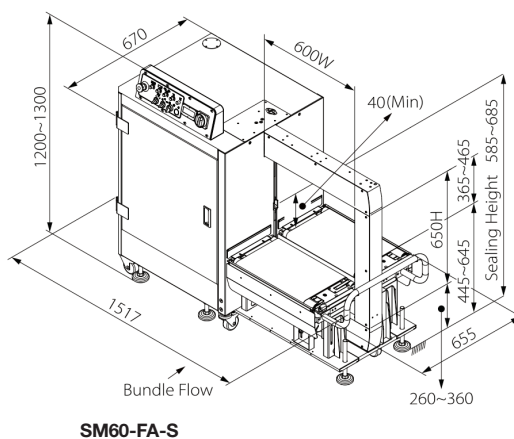
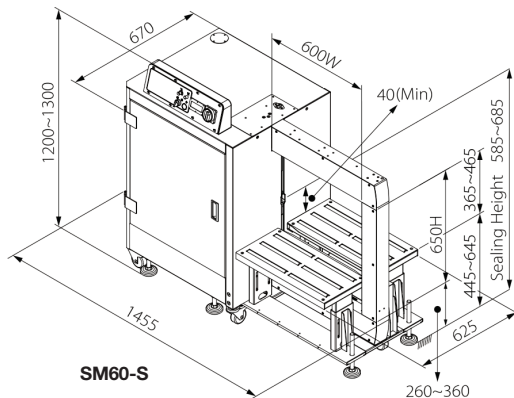
With complete plug connection. Easily integrated into most production lines.

### Low Voltage

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

## Options

- Light tower with low strap sensor
- Small package
- Siemens PLC control (for SM60-FA-S)
- Energy saving transit with auto sleep mode (for SM60-FA-S)
- End of cycle and strapping error signals (for SM60)
- Without adjustable roller table (SM60-XT)
- Side Pusher (for SM60-FA-XT)  
Push the package towards strapping head for better strapping performance.
- Dual Press Bar  
Ideal for strap compressible materials or telescoped boxes.



## Arch Sizes

| H            | W | 23.6"/600 mm | 31.5"/800 mm |
|--------------|---|--------------|--------------|
| 25.6"/650 mm |   |              | N/A          |
| 33.4"/850 mm |   |              |              |

- N/A means not available

## Technical Data

|                         |   |
|-------------------------|---|
| Capacity                | Up to 60 cycles/minute (SM60-S)<br>Up to 35 packages/minute (SM60-FA-S) |
| Strap Width             | 5mm, 6mm, 3/8 (9mm), or 1/2 (12mm)                                      |
| Tension Range           | 1 - 70 lbs. (for 3/8")<br>1 - 122 lbs. (for 1/2")                       |
| Weight                  | 648 lbs. (SM60-S)<br>750 lbs. (SM60-FA-S)                               |
| Electrical Requirements | 110V, 220V, 230V, 240V,<br>50/60Hz 1 PH                                 |

# SIDE-SEAL MACHINE FOR PP AND PET STRAPPING

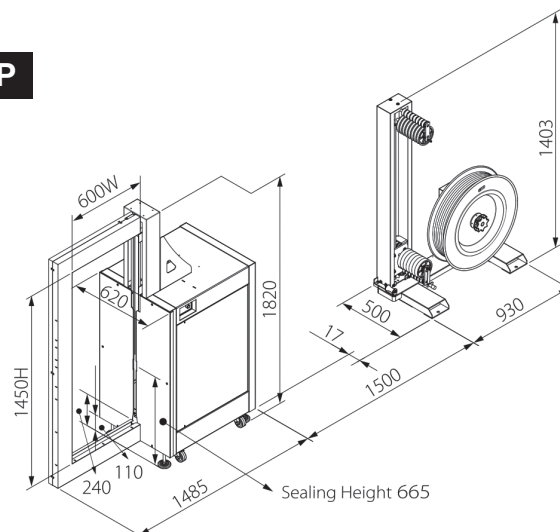
## AUTO PAC - SIDE SEAL

AutoPAC 300 Side seal is an automatic side seal strapping machine for both PP and PET strapping using either 9mm (3/8), 12mm (1/2), or 15.5mm (5/8). With the extra-large arch sizes available this machine is ideal for applications on large or heavy products, household appliances, and various palletized products. It can be integrated with most production lines at a lower price point.



Auto PAC - Side Seal

PET PP



## Main Features

### Friction Weld Sealing Technology

The advanced friction weld sealing technology guarantees reliable joint and high sealing efficiency for both PP and PET strapping. No fumes and odors.

### Siemens PLC Control

Siemens PLC is a state-of-the-art controller. It is programmable and can be expanded flexibly to meet various application requirements.

### Electronic Tension Control

Strap tension can be adjusted accurately by a simple turn of the dial. Tension force is up to 1500 N (150 kg).

### Auto Strap Refeed

The machine will automatically refeed the strap if a mis-feed occurs. Eliminate downtime.

## Option

- Up and down stream interlock with photo-eye control
- Emergency stop switch
- Foot pedal switch
- Strap dispenser 90-degree turn
- PU casters (2 free and 2 with brake)
- Uplifted support
- With adjustable free roller table

## Arch Sizes

| H \ W         | 23.6"/600 mm | 31.4"/800 mm | 39.3"/1000 mm | 47.2"/1200 mm | 55.1"/1400 mm |
|---------------|--------------|--------------|---------------|---------------|---------------|
| 33.4"/850 mm  |              |              |               |               |               |
| 41.3"/1050 mm |              |              |               |               |               |
| 49.2"/1250 mm |              |              |               |               |               |
| 57"/1450 mm   |              |              |               |               |               |
| 64.9"/1650 mm |              |              |               |               |               |
| 72.8"/1850 mm |              |              |               |               |               |
| 80.7"/2050 mm |              |              |               |               |               |
| 88.5"/2250 mm |              |              |               |               |               |
| 96.4"/2450 mm |              |              |               |               |               |

## Technical Data

|                         |  |
|-------------------------|--|
| Capacity                | Up to 11 cycles/minute (60Hz)          |
| Strap Width             | 3/8 (9mm), 1/2 (12mm), or 5/8 (15.5mm) |
| Tension Range           | 44 - 336 lbs. (20 - 150 kg)            |
| Strap Core Size         | 406 mm (16x6) (200/280 mm Optional)    |
| Weight                  | 782 lbs. (355 kg)                      |
| Electrical Requirements | 220V, 380V, 400V, 415V<br>50/60Hz 3PH  |

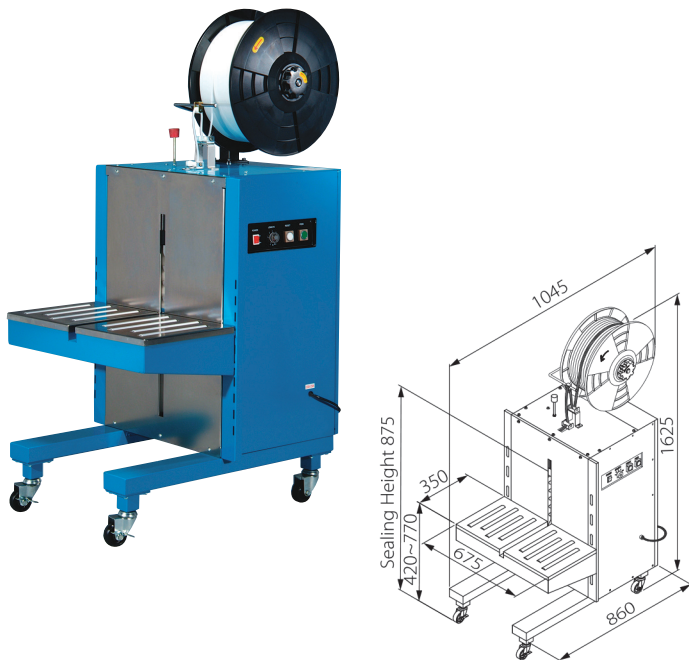


# AFFORDABLE FOR EVERY BUDGET

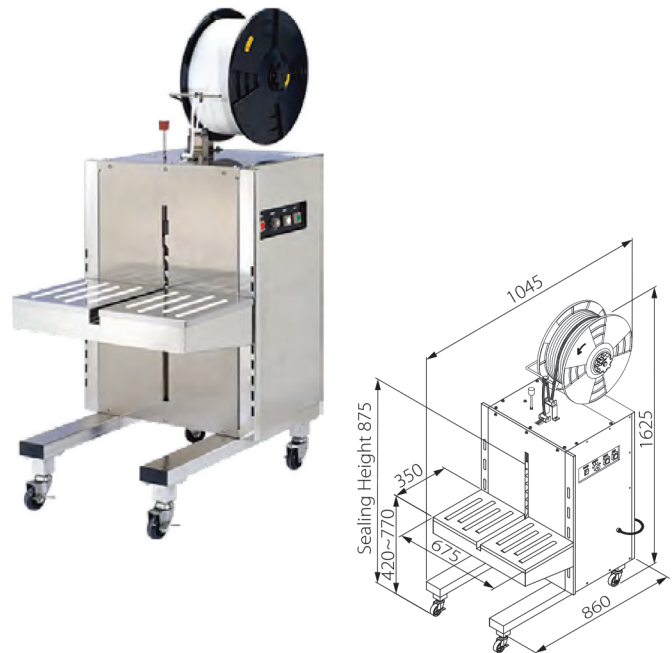
## ECONOMY MACHINE TP-201Y / TP-201YS

TP-201Y and TP-201YS are semi-auto side-seal strapping machines. They are using the same strapping head as TP-202 Mr. Reliable which is widely recognized on the market for more than 30 years. They can be used in a wide range of applications for dirty, moist, or harsh working environment, such as sawmill plants, brick & tile industries, poultry processing industries, etc. TP-201 Y and TP-201 YS offer the most economy solution.

**TP-201Y** Painted steel frame



**TP-201YS** Stainless steel frame SUS 304



### Main Features

- Offer high reliability and performance
- Suitable for low volume applications
- Easy operation, simple maintenance
- Mechanical tension control
- Reliable P.C. Board control
- Energy efficient - motor only runs as needed
- Rigid castors with brake
- Proven quality
- Adjustable table height between 420 mm
- Rigid castors with brake
- Proven quality
- Adjustable table height between 420 mm and 770 mm

### Option

- Adjustable cooling time (0-2 sec.)
- Selected parts in stainless steel (for TP-201 YS)

### Technical Data

|                         |  |
|-------------------------|--|
| Strap Width             | 6 mm - 15.5 mm                         |
| Tension Range           | 15 - 45 kg                             |
| Weight                  | 125 kg                                 |
| Electrical Requirements | 110V, 220V, 230V, 240V<br>50/60Hz 1 PH |



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