



**National  
Packaging Machinery**

# Strapping Machines

March 2025



# Semi Auto Machines

## BTP-502

### Genesis Semi Auto Strapping Machine

BTP-502 is a new generation semi-auto strapping machine. It uses direct drive technology with German-made DC motors which ensures high reliability and durability of the machine. Its compact design greatly minimizes the numbers of moving parts, requires fewer adjustments, less maintenance, and has fewer wear components.

- Compact mechanical strapping head
- Electronic tension control
- Jog switch
- Adjustable weld-cooling time
- Adjustable table height between 780mm and 950mm



**SPECS**  
**Strap Width:**  
5 - 12mm / 12 - 15.5mm

**Tension Range:**  
8 - 45kg

**Table Height:**  
780 - 950mm

**Weight:**  
70kg

## BTP-502MH

### Genesis Hori Pallet Strapping Machine

Genesis Hori BTP-502MH inherits all of the advantages from Genesis BTP-502, such as compact strapping head, direct drive technology with German-made DC motors, and electronic tension control. It can be moved easily beside the load you want to strap without moving the pallet. The BTP-502MH is quick, ergonomic, and economical solution for low volume horizontal pallet strapping applications.

- Compact mechanical strapping head
- Adjustable strapping height
- Electronic tension control
- Jog switch
- Adjustable weld-cooling time
- Two moving direction

#### Options

- Battery power supply (BTP-502MHB)
- Edge protector holder
- Handle on the rear for back/forth movement



**SPECS**  
**Strap Type:**  
PP strapping

**Strap Width:**  
9 / 12 / 15.5mm

**Tension Range:**  
8 - 70kg

**Strapping Height:**  
Min 170mm / max 2200mm

**Minimum Package Height:**  
200mm (including pallet)

**Weight:**  
292kg

# Semi Auto Machines

## BTP-502MV

### Genesis Verti Pallet Strapping Machine

Genesis Verti BTP-502MV inherits all of the advantages from Genesis BTP-502, such as compact strapping head, direct drive technology with German-made DC motors, and electronic tension control. It eliminates the use of manual tools and dispensers, and can be moved easily beside the load you want to strap without moving the pallet. The BTP-502MV provides an ergonomic and cost-effective solution for low volume vertical pallet strapping applications.

- Compact mechanical strapping head
- Electronic tension control
- Jog switch
- Mobility
- Good for lower height pallet
- Adjustable weld-cooling time



**SPECS**  
**Strap Type:**  
PP strapping

**Strap Width:**  
9 / 12 / 15.5mm

**Tension Range:**  
8 - 70kg

**Minimum Package Height:**  
380mm (including pallet)

**Length of the Sword:**  
1250mm

**Weight:**  
93kg

## BTP-502MVB

### Battery Powered Genesis Verti Pallet Strapping Machine

Battery Powered Genesis Verti BTP-502MVB inherits all of the advantages from Genesis BTP-502, such as compact strapping head, direct drive technology with German-made DC motors, and electronic tension control. It eliminates the use of manual tools and dispensers, and can be moved easily beside the load you want to strap without moving the pallet. The BTP-502MVB provides an ergonomic and cost-effective solution for low volume vertical pallet strapping applications.

- Compact mechanical strapping head
- Electronic tension control
- Jog switch
- Mobility
- Good for lower height pallet
- Adjustable weld-cooling time



**SPECS**  
**Strap Type:**  
PP strapping

**Strap Width:**  
9 / 12 / 15.5mm

**Tension Range:**  
8 - 70kg

**Minimum Package Height:**  
380mm (including pallet)

**Length of the Sword:**  
1250mm

# Automatic Machines

## BTP-601D

### Tauris Automatic Strapping Machine

Tauris BTP-601D is an enhanced automatic strapping machine for PP strapping. With the value-added features, Tauris BTP-601D is the most powerful machine with the best price to performance ratio product in its category for general applications.

- Reliable and robust strapping head
- Electronic tension control
- Auto strap feeding
- Auto strap ejector
- Short feed sensor
- Auto strap refeed
- Strap end ejector
- Multiple methods of cycle initiation
- Lubrication free strapping head
- Adjustable weld-cooling time

#### Options

- Smoke exhaust system with carbon filter
- Emergency stop switch
- Table without free roller
- PU casters



#### SPECS

**Strap Width:**  
8 / 9 / 12mm

**Tension Range:**  
7 - 45kg  
\*up to 70kg on request

**Standard Arch Size:**  
850mm (W) x 600mm (H)  
\*other arch sizing available on request

**Capacity:**  
Up to 29 cycles/minute

**Maximum Package Weight:**  
100kg

**Table Height:**  
810mm

**Weight:**  
220kg

## BTP-601DSS

### Tauris Stainless Steel Frame Automatic Strapping Machine

BTP-601DSS is an automatic strapping machine with stainless steel frame (SUS 304). It is ideal for moist working environment, such as meat, seafood, poultry, and agricultural processing plants.

- Reliable and robust strapping head
- Electronic tension control
- Auto strap feeding
- Auto strap ejector
- Short feed sensor
- Auto strap refeed
- Strap end ejector
- Multiple methods of cycle initiation

#### Options

- Smoke exhaust system with carbon filter
- Emergency stop switch
- Table without free roller
- PU casters
- Stainless steel Frame SUS 304



#### SPECS

**Strap Width:**  
8 / 9 / 12mm

**Tension Range:**  
7 - 45kg  
\*up to 70kg on request

**Standard Arch Size:**  
850mm (W) x 600mm (H)  
\*other arch sizing available on request

**Capacity:**  
Up to 29 cycles/minute

**Weight:**  
220kg

# Automatic Machines

## BTP-702-59

### Mercury High Speed Automatic Strapping Machine

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

- Robust & compact mechanical strapping head
- High speed up to 65 straps per minute
- Free access to strap guides (patents registered)
- Waist-high auto strap feeding
- Waist-high quick coil change (patents registered)
- Turnable operating control panel
- Auto strap ejector
- Dispenser release switch
- Sensor controlled heater
- Low voltage
- Strap end ejector
- Front foot bar switch
- Adjustable table height between 820mm and 920mm

#### Options

- Photo-eye switch
- Rear foot bar switch
- Foot pedal switch
- Lower adjustable table height (770 - 820mm)



#### SPECS

**Strap Width:**  
5 / 6 / 9mm

**Tension Range:**  
1 - 32kg  
\* Higher tension is on request

**Standard Arch Size:**  
550mm (W) x 400mm (H)  
\*other arch sizing available on request

**Capacity:**  
Up to 65 cycles/minute

**Weight:**  
158kg

## BTP-702-12

### Mercury High Speed Automatic Strapping Machine

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

- Robust & compact mechanical strapping head
- High speed up to 65 straps per minute
- Free access to strap guides (patents registered)
- Waist-high auto strap feeding
- Waist-high quick coil change (patents registered)
- Turnable operating control panel
- Auto strap ejector
- Dispenser release switch
- Sensor controlled heater
- Low voltage
- Strap end ejector
- Front foot bar switch
- Adjustable table height between 820mm and 920mm

#### Options

- Photo-eye switch
- Rear foot bar switch
- Foot pedal switch
- Lower adjustable table height (770 - 820mm)



#### SPECS

**Strap Width:**  
12mm

**Tension Range:**  
1 - 45kg  
\* Higher tension is on request

**Standard Arch Size:**  
650mm (W) x 500mm (H)  
\*other arch sizing available on request

**Capacity:**  
Up to 60 cycles/minute

**Weight:**  
167kg

## Automatic Machines



### BTP-702SS-12

#### Mercury Stainless Steel Frame High Speed Automatic Strapping Machine

BTP-702SS-12 is a world-class high speed automatic strapping machine with stainless steel frame (SUS 304). It is ideal for moist working environment, such as meat, seafood, poultry, and agricultural processing plants.

- Robust & compact mechanical strapping head
- High speed up to 65 straps per minute
- Free access to strap guides (patents registered)
- Waist-high auto strap feeding
- Waist-high quick coil change (patents registered)
- Turnable operating control panel
- Auto strap ejector
- Dispenser release switch
- Sensor controlled heater
- Low voltage
- Strap end ejector
- Front foot bar switch
- Adjustable table height between 820mm and 920mm

#### Options

- Photo-eye switch
- Rear foot bar switch
- Foot pedal switch
- Lower adjustable table height (770 - 820mm)
- Selected parts in stainless steel

#### SPECS

**Strap Width:**  
12mm

**Tension Range:**  
1 - 45kg

\* Higher tension is on request

#### Standard Arch Size:

650mm (W) x 500mm (H)

\*other arch sizing available on request

#### Capacity:

Up to 60 cycles/minute

#### Weight:

167kg

100% New Zealand Owned & Operated

## Fully Automatic Machines



### BTP-601B

#### Tauris Transit Fully Automatic Strapping Machine

Tauris Transit BTP-601B is a fully automatic strapping machine with belt-driven table. It is a simple and the most reliable strapping machine for general purpose applications on the market.

- Reliable and robust strapping head
- Auto strap feeding
- Electronic tension control
- Auto strap ejector
- Belt transmission
- Hinged top plates
- Conveyor speed: 30 metres/minute
- Multiple strap function for single, double, continuous strapping, or transit mode
- Up and down stream interlock with complete plug connection
- Easy bundle flow direction change
- Strap end ejector

#### Options

- Siemens PLC
- Variable conveyor speed: from 18 metres/minute to 42 metres/minute
- Safety guards
- Foot pedal switch



#### SPECS

**Strap Width:**  
8 / 9 / 12mm

**Tension Range:**  
7 - 70kg

(requires safety devices to meet CE regulations)

#### Standard Arch Size:

850mm (W) x 600mm (H)

\*other arch sizing available on request

#### Capacity:

Up to 18 packages/minute (60Hz)  
(Cycle speed up to 29 cycles/minute)

#### Table Height:

825mm

#### Weight:

325kg

### BTP-702B

#### Mercury Transit Fully Automatic Strapping Machine

Mercury Transit BTP-702B is a fully automatic strapping machine for production and packaging lines. It is suitable for 5mm, 6mm, 9mm, or 12mm PP strapping. BTP-702B is the fastest and most reliable strapping machine for general applications on the market today.

- Robust & compact mechanical strapping head
- Waist-high auto strap feeding
- Free access to strap guides (patents registered)
- Electronic tension control
- Auto strap ejector
- Hinged top plates
- Multiple strap function for single, double, continuous strapping, or transit mode
- Variable conveyor speed between 10 and 60 metres/minute
- Up and down stream interlock with complete plug connection
- Easy bundle flow direction change
- Good to strap small package with min. size 120mm in width and 10mm in height
- Adjustable table height between 800mm and 900mm

#### Options

- Siemens PLC
- Light tower with low strap sensor
- Energy saving transit with auto sleep mode
- Strapping in the center of the bundle
- Extension belt-driven table of 200mm on upstream and downstream sides
- Lower adjustable table height (750mm - 900mm)



#### SPECS

**Strap Width:**  
5 / 6 / 9 / 12mm

**Tension Range:**  
1 - 32kg (for 5 / 6 / 9mm)

1 - 45kg (for 12mm)

\*Higher tension is on request

#### Standard Arch Size:

650mm (W) x 500mm (H)

\*other arch sizing available on request

#### Capacity:

Up to 40 packages/minute  
(Cycle speed up to 65 cycles/minute)

#### Weight:

225kg



# Fully Automatic Machines

## BTP-702BP

### Mercury Transit Fully Automatic Strapping Machine with Press

Mercury Transit BTP-702BP is a fully automatic strapping machine with compression press for production and packaging lines. It is suitable for 5mm, 6mm, 9mm, or 12mm PP strapping. BTP-702BP is the fastest and most reliable strapping machine for general applications on the market today.

- Robust & compact mechanical strapping head
- With pneumatic press
- Waist-high auto strap feeding
- Free access to strap guides (patents registered)
- Electronic tension control
- Auto strap ejector
- Hinged top plates
- Multiple strap function for single, double, continuous strapping, or transit mode
- Variable conveyor speed between 10 and 60 metres/minute
- Up and down stream interlock with complete plug connection
- Easy bundle flow direction change
- Good to strap small package with min. size 120mm in width and 10mm in height
- Adjustable table height between 800mm and 900mm

#### Options

- Same options as per BTP-702B



#### SPECS

**Strap Width:**  
5 / 6 / 9 / 12mm

**Tension Range:**  
1-32kg (for 5 / 6 / 9mm)  
1-45kg (for 12mm)  
\*Higher tension is on request

**Standard Arch Size:**  
650mm (W) x 500mm (H)  
\*other arch sizing available on request

**Capacity:**  
Up to 36 packages/minute  
(Cycle speed up to 65 cycles/minute)

**Weight:**  
250kg

**Pneumatic Source**  
6 bar

**Air Consumption**  
7.5 litre/cycle



#### SPECS

**Strap Width:**  
5 / 6 / 9 / 12mm

**Tension Range:**  
1-32kg (for 5 / 6 / 9mm)  
1-45kg (for 12mm)  
\*Higher tension is on request

**Standard Arch Size:**  
650mm (W) x 500mm (H)  
\*other arch sizing available on request

**Capacity:**  
Up to 40 packages/minute  
(Cycle speed up to 65 cycles/minute)

**Weight:**  
225kg

## BTP-702BSS

### Mercury Transit Stainless Steel Frame High Speed Automatic Strapping Machine

Mercury Transit BTP-702BS is a high-speed fully automatic strapping machine with stainless steel frame (SUS 304). It is the fastest and ideal strapping solution for moist and high humidity environments (non-condensing), such as meat, seafood, poultry, and agricultural processing plants.

- Robust & compact mechanical strapping head
- Waist-high auto strap feeding
- Free access to strap guides (patents registered)
- Electronic tension control
- Auto strap ejector
- Hinged top plates
- Multiple strap function for single, double, continuous strapping, or transit mode
- Variable conveyor speed between 10 and 60 metres/minute
- Up and down stream interlock with complete plug connection
- Easy bundle flow direction change
- Good to strap small package with min. size 120mm in width and 10mm in height
- Adjustable table height between 800mm and 900mm

#### Options

- Same as BTP-702BP
- Selected parts in stainless steel

# Side Seal Machines

## BTP-601Y

### Tauris Side Seal Strapping Machine

Tauris BTP-601Y is using the same reliable and robust strapping head as Tauris BTP-601D. It is ideal for strapping large or heavy products and household appliances. With side mounted strapping head, it is also applicable in dusty working environment such as sawmill plants, brick, and tile industries. Wide range of arch sizes is available to meet various applications.

- Reliable and robust strapping head
- Auto strap feeding
- Electronic tension control
- Auto strap ejector
- Short feed sensor
- Auto strap refeed
- Strap end ejector
- Lubrication free strapping head
- Adjustable weld cooling time (0-2 sec.)

#### Options

- Emergency stop switch
- Foot pedal switch
- PU casters
- Uplifted support
- Without adjustable roller table (BTP-601Y-XT)



#### SPECS

**Strap Width:**  
8 / 9 / 12mm

**Tension Range:**  
7 - 45kg  
\*Up to 70kg on request

**Standard Arch Size:**  
600mm (W) x 850mm (H)

**Capacity:**  
Up to 29 cycles/minute

**Table Height:**  
435 - 585mm

**Weight:**  
300kg

## BTP-702YM

### Mercury Wash Down Fully Automatic Side-seal Strapping Machine

Mercury BTP-702YM is a wash-down side-seal strapping machine built with Mercury strapping head and brushless DC motor technology. With stainless steel cabinet (SUS 304) and rust resistant or corrosion retardant components, BTP-702YM provides maximum protections for the applications in the harsh working environment like seafood, meat, and poultry processing industries.

- Robust and compact strapping head
- High strapping speed up to 35 packages per minute
- Water proof design with internal heating device
- Control panel with LCD display
- Free access to strap guides (patents registered)
- Downward tension force
- IP54 rated protection of electric control unit
- Up and down stream interlock
- Inner strap dispenser design
- Adjustable table height from 445 mm to 645 mm

#### Options

- Siemens PLC control
- Light tree alarm with low strap sensor (triple lamp)
- Energy saving transit with auto sleep mode
- Dual press bar
- Side pusher
- Small Package



#### SPECS

**Strap Width:**  
5 / 6 / 9 / 12mm

**Tension Range:**  
1 - 32 kg (for 5 / 6 / 9mm)  
1 - 45 kg (for 12mm)  
\*Higher tension is on request

**Standard Arch Size:**  
600mm (W) x 650mm (H)

**Capacity:**  
Up to 60 cycles/minute

**Weight:**  
281kg

## Side Seal Machines



### BTP-702YAM

#### Mercury Transit Wash Down

#### Fully Automatic Side-seal Strapping Machine

Mercury Transit BTP-702YAM is a wash-down fully automatic side-seal strapping machine built with Mercury strapping head and brushless DC motor technology. With stainless steel cabinet (SUS 304) and rust resistant or corrosion retardant components, BTP-702YAM provides maximum protections for the applications in the harsh working environment like seafood, meat, and poultry processing industries.

- Robust and compact strapping head
- Water proof design
- Free access to strap guides (patents registered)
- Downward tension force
- Electronic tension control
- Inner strap dispenser design
- Auto strap ejector
- Adjustable table height between 445 mm and 645 mm
- Up and down stream interlock
- Low voltage

#### Options

- Light tower with low strap sensor
- Small Package
- Siemens PLC
- Energy saving transit with auto sleep mode
- Side pusher
- Dual press bar

#### SPECS

**Strap Width:**  
5 / 6 / 9 / 12mm

**Tension Range:**  
1 - 32kg (for 5 / 6 / 9mm)  
1 - 45kg (for 12mm)  
\*Higher tension is on request

**Standard Arch Size:**  
600mm (W) x 650mm (H)

**Capacity:**  
Up to 35 packages/minute

**Weight:**  
327kg

100% New Zealand Owned & Operated

## Fully Automatic Inline Machines



### BTP-N-AC

#### Accumulating Conveyor

BTP-N-AC is an accumulating conveyor designed for bundle buffering. It can be easily connected with upstream stacker and downstream strapper for bundle accumulating and transporting.

- Photo-eye control
- Siemens PLC
- Adjustable table height between 800mm and 900mm
- Variable conveyor speed
- Up and down stream interlock with complete plug connection



#### SPECS

**Conveyor Speed:**  
10 - 60 M/minute

#### Bundle Size:

Width	Length	Height
max 450mm	max 450mm	max 400mm
min 100mm	min 120mm	min 5mm

**Weight:**  
100kg

### BTP-702NL

#### Fully Automatic Longitudinal Strapping Machine

BTP-702NL is a fully automatic longitudinal strapping machine. The bundle is strapped in the transport direction.

- Robust & compact mechanical strapping head
- Automatic self-adjusting strap chute (patents registered)
- Automatic tension control for various bundle dimensions (patents registered)
- Up and down stream interlock with complete plug connection
- Fully automatic operation with variable conveyor speed
- Siemens PLC and touch panel
- Free access to strap guides (patents registered)
- Easy access to strapping head (patents registered)
- Strap end ejector
- Adjustable table height between 800 mm and 900 mm
- Auto strap ejector

#### Options

- Energy saving transit with auto sleep mode
- Light tower with low strap sensor (triple lamp)
- Lower adjustable table height with movable casters (730 mm - 830 mm)
- Reverse bundle flow
- Low volume bundle bypass
- Movable casters (picture shown with this option)
- Adjustable side guides
- Lever switch for bundle with wrapping



#### SPECS

**Strap Width:**  
5 / 6 / 9mm

**Tension Range:**  
1 - 32kg

**Capacity:**  
Up to 31 bundles/minute

#### Bundle Size:

Width	Length	Height
max 450mm	max 500m	max 400mm
min 120mm	min 210mm	min 10mm

**Bundle Weight:**  
max 25kg

**Pneumatic Source:**  
6 bar

**Air Consumption:**  
8.53 litre/cycle

**Weight:**  
475kg

# Fully Automatic Inline Machines



## BTP-702NS

### Fully Automatic Strapping Machine

BTP-702NS is a fully automatic strapping machine. With its high strapping speed, it can be integrated into most production lines and be utilized for various applications.

- Robust & compact mechanical strapping head
- Automatic tension control for various bundle dimensions (patents registered)
- Dual pneumatic press
- Up and down stream interlock with complete plug connection
- Fully automatic operation with variable conveyor speed
- Siemens PLC and touch panel
- Free access to strap guides (patents registered)
- Easy access to strapping head (patents registered)
- Strap end ejector
- Adjustable table height between 800 mm and 900 mm
- Auto strap ejector

#### Options

- Energy saving transit with auto sleep mode
- Light tower with low strap sensor (triple lamp)
- Additional soft press for convex bundle
- Lower adjustable table height with movable casters (730 mm - 830 mm)
- Automatic side squaring
- Reverse bundle flow
- Low volume bundle bypass
- Movable casters (picture shown with this option)
- Lever switch for bundle with wrapping
- Extension belt-driven table of 200 mm on upstream or downstream sides

100% New Zealand Owned & Operated

#### SPECS

**Strap Width:**  
5 / 6 / 9mm

**Tension Range:**  
1 - 32kg

#### Capacity:

Up to 42 bundles/minute (single strap)  
Up to 24 bundles/minute (double straps)

#### Bundle Size:

Width	Height
max 500mm	max 390mm
min 120mm	min 10mm

#### Bundle Weight:

max 25kg

#### Pneumatic Source:

6 bar

#### Air Consumption:

2.65 litre/cycle

#### Weight:

430kg

# Fully Automatic Inline Machines



## BTP-702NIL

### Fully Automatic Inline Cross Strapping System

BTP-702NIL is a fully automatic strapping system for inline cross strapping. The design without bundle turning can secure the integrity of the bundle for cross strapping.

- Robust & compact mechanical strapping head
- Automatic self-adjusting strap chute (patents registered)
- Siemens PLC and HMI
- Easy access to strapping head (patents registered)
- Free access to strap guides (patents registered)
- Automatic tension control (patents registered)
- Dual pneumatic press
- Auto strap ejector
- Strap end ejector
- Up and down stream interlock with complete plug connection

#### Options

- Energy saving transit with auto sleep mode
- Light tower with low strap sensor (triple lamp)
- Additional soft press for convex bundle
- Lower adjustable table height with movable casters (730 mm - 830 mm)
- Automatic side squaring
- Reverse bundle flow
- Low volume bundle bypass
- Movable casters (picture shown with this option)
- Lever switch for bundle with wrapping

#### SPECS

**Strap Width:**  
5 / 6 / 9mm

**Tension Range:**  
1 - 32kg

#### Capacity:

Up to 31 bundles/minute

#### Bundle Size:

Width	Length	Height
max 450mm	max 500mm	max 390mm
min 120mm	min 210mm	min 10mm

#### Bundle Weight:

max 25kg

#### Pneumatic Source:

6 bar

#### Air Consumption:

11.18 litre/cycle

#### Weight:

905kg

# Corrugated Machines



## BTP-702C

### High Speed Corrugated Strapper

BTP-702C corrugated strapper is built with Mercury strapping head and DC brushless motor direct drive technology. It's also equipped with the state-of-the-art Siemens PLC, electronic controls, proximity sensors, etc. High strapping speed, low maintenance requirement, and proven reliability make it particularly suitable for the sheet plants.

- Compact & robust strapping head
- Siemens PLC
- Free access to strap guides (patents registered)
- Hinged roller table
- Auto strap ejector
- Patented jammed-strap ejection device
- Full-width pneumatic press
- Multiple strap function
- Variable conveyor speed
- Strap end ejector
- Adjustable table height between 700mm and 1000mm

#### Options

- Siemens HMI (touch panel)
- Light tower with low strap sensor
- Adjustable backstop
- Foot pedal switch
- Strapping cycle counter
- Without press bar and safety guard
- Uplifted support

#### SPECS

**Strap Width:**  
5 / 6 / 9mm

**Tension Range:**  
1 - 32kg

#### Capacity:

Up to 33 bundles/minute (single strap)  
Up to 20 bundles/minute (double straps)  
(Model: TP-702C-L)

#### Arch Size:

TP-702C-L 1650mm (W) x 450mm (H)  
TP-702C-M 1250mm (W) x 450mm (H)

#### Minimum Bundle Size:

200mm (W) x 20mm (H) x 300mm (L)

#### Bundle Weight:

max 40kg

#### Conveyor Speed:

15 – 60 m/minute

# Corrugated Machines



## BTP-702CTRS

### High Speed Strapper for Specialty Folder Gluer Boxes

The new BTP-702CTRS is designed to strap specialty boxes, including crash lock boxes, four corner tray, and other folded type boxes from shingled-stream folder gluer output. The clever side-pusher and backstop designs ensure of the best stack condition after strapping and protect delicate boxes from damage without sacrificing its high speed. BTP-702CTRS is an efficient squaring and strapping solution for specialty folder gluer products.

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

#### Options

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

#### SPECS

**Strap Width:**  
5 / 6 / 9 / 12mm

**Tension Range:**  
1 - 32kg (for 5 / 6 / 9mm)  
1 - 55kg (for 12mm)

#### Capacity:

Up to 23 bundles/minute (single strap)

#### Maximum Bundle Size:

1000mm arch width  
950mm (W) x 400mm (H) x 1300mm (L)  
1300mm arch width  
1250mm (W) x 400mm (H) x 1300mm (L)  
1600mm arch width  
1550mm (W) x 400mm (H) x 1300mm (L)



# Corrugated Machines



## BTP-CIL TransCorrLiner Inline Strapping and Squaring System

TransCorrLiner BTP-CIL is a high speed corrugated inline squaring and strapping system which meets the speed requirement of the fastest Flexo Folder Gluer and Casemaker. BTP-CIL uses the latest brushless DC motor direct drive technology in sealing head, needle, squaring devices, and strapping head movement group to provide the highest level of reliability and durability. In addition, the intelligent self-positioned pusher detects bundle length automatically to streamline production process and increase strapping speed.

- Compact & robust strapping head
- Intelligent pusher optimizes speed (patents registered)
- Automatic bundle size setup system
- Independent controlled conveyor
- Strapping in the flute direction
- Siemens PLC and HMI
- Off-center strapping
- Hot standby mode (twin head model only)
- Drape-strap feeding system
- Dual channel e-stop

### Options

- Powered alignment device
- Dual dispenser with auto splicer
- Air conditioner for control box
- Belt driven conveyor for the last bundle
- Energy saving transit with auto sleep mode
- Bus interface for bundle size data transfer from upstream equipment
- Gravity wheel conveyor

### SPECS

**Capacity:**  
Up to 24 bundles/minute  
(Model: BTP-CIL-13S & BTP-CIL-13T)

**Strap Width:**  
5 / 6 / 8 / 9mm

**Tension Range:** :  
1 - 20kg

**Bundle Weight:**  
max 30kg

**Conveyor Height:**  
780 - 1080mm

**Conveyor Speed:**  
30 - 70 m/minute

100% New Zealand Owned & Operated

# Fully Automatic Pallet Machines



## BTP-733H Castor III Pallet Strapping Machine

The enhanced BTP-733H provides accurate strapping output on all natural-sized loads with consistent performance. It maximizes the productivity and minimizes the production cost for users. Designed for simple and quick connection to the master control system, BTP-733H can easily fit in various end-of-line packaging sectors. It is your best choice for fully automatic operation in various applications, including palletized products, home appliance, bricks & blocks, etc.

- ARES BTP-733-SH strapping head
- Index strapping head
- Strap guide arm
- Safety rack
- Friction weld sealing technology
- Siemens PLC and HMI
- Free access to strap guides
- Swivel dispenser set
- Adjustable sealing and cooling time
- Strap end ejector
- Preprogram setting
- Easy to replace strapping head

### Options

- Floating Head
- Free standing operation desk (3M)
- Light tower with low strap sensor
- Dual channel E-Stop
- Lower tension range (200 - 1200 N)
- HMI and PLC mounted on the opposite side
- Strap program selecting by remote control (4-bit binary input)
- No safety rack
- Uplifted support
- Maximum package height up to 2700mm

### SPECS

**Strap Type:**  
PP / PET strapping

**Strap Width:**  
12 / 15.5 / 19mm

**Tension Range:**  
1100 - 3200 N (standard)  
200 - 1200 N (optional)

**Capacity:**  
Up to 60 pallets/hour (3 parallel straps)

**Minimum Strapping Height:**  
(a) With conveyor:  
160mm above conveyor surface  
(b) Without conveyor:  
240mm above floor

**Maximum Package Height:**  
Standard: 2,200mm  
Option: 2,700mm

**Strap Core Size:**  
406 / 200 / 230 / 280mm

**Pneumatic Source:**  
6 bar

**Air Consumption:**  
7.1 liter/cycle

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## BTP-733VTS

### Zelos Pallet Strapping Machine

BTP-733VTS pallet strapping machine is ideal for general palletized products. It is also suitable for those with low package height. The top sealing design provides the highest strapping efficiency onto the packages. The easy operating SIEMENS touch panel provides simple interface for operator to control and monitor the task. With quick connection to master control system, BTP-733VTS can perfectly fit every end-of-line packaging operation.

- ARES BTP-733-SH strapping head
- Siemens PLC and HMI
- Floating head
- Strap can be fed at any height
- Friction weld sealing technology
- Free access to strap guides
- All electric driven design
- Strap end ejector
- Adjustable speed for strapping head movement
- Excellent package top detection
- Dual channel e-stop
- Preprogram setting for multiple strapping tasks

#### Options

- Lower tension range (200-1200 N)
- Light tower with low strap sensor
- Air conditioner for electric control cabinet
- Adding underfeed channel (patent registered)
- Automatic self-adjusting strapping head height for next package
- End of strap signal
- Uplifted support
- Underfeed channel only (remove standard feature "movable lance")

#### SPECS

**Strap Type:**  
PP / PET strapping

**Strap Core Size:**  
406mm

**Strap Width:**  
9 / 12 / 15.5 / 19mm

**Tension Range:**  
1,100 - 3,200 N (standard)  
200 - 1,200 N (option)

**Capacity:**  
Up to 63 pallets/hour  
(2 parallel straps)

**Minimum Package Size:**  
350mm (W) x 300mm (H)

# Fully Automatic Pallet Machines



## BTP-733VLM

### Pollux III Pallet Strapping Machine

BTP-733VLM pallet strapping machine is your best choice for fully automatic operation in various pallet strapping applications. The enhanced BTP-733VLM maximizes the productivity by applying straps consistently and accurately on the pallet load, and minimizes the production cost by its high-speed and stable operation. Designed for simple and quick connection to the master control system, BTP-733VLM can easily fit in all different end-of-line packaging sectors.

- ARES TP-733-SH strapping head
- SIEMENS PLC and HMI
- Swivel dispenser set
- Index strapping head
- Movable strap lance
- Friction weld sealing Technology
- Free access to strap guides
- Molular arch
- Adjustable sealing and cooling time
- Strap end ejector
- Easy to replace strapping head

#### Options

- Floating head
- Index head stroke up to 700mm (3M)
- Free standing operation desk
- Light tower with low strap sensor
- Dual channel E-Stop
- Lower tension range (200 - 1200 N)
- Top press (200kg or 500kg)
- HMI mounted on the opposite side
- Uplifted support
- End of strap signal

#### SPECS

**Strap Type:**  
PP / PET strapping

**Strap Core Size:**  
406mm

**Strap Width:**  
9 / 12 / 15.5 / 19mm

**Tension Range:**  
1,100 - 3,200 N (standard)  
200 - 1,200 N (optional)

**Capacity:**  
Up to 72 pallets/hour  
(2 parallel straps)

**Weight:**  
445kg



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