

# DUAT series

## FOOD INDUSTRY



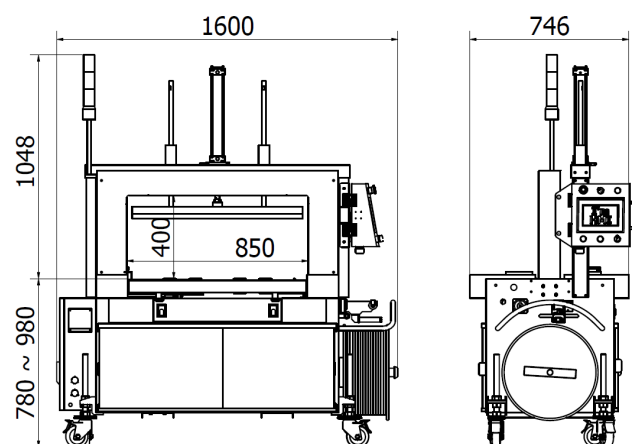
Stainless Steel Frame  
(SUS 304)

### Features

- Robust mechanical strapping head
- Human Machine Interface – accessible for strap-ping parameter setup, alarm history details, and strap counters etc.
- Waist-high automatic strap threading
- Variable Speed Conveyor adjustment by inverter (28~35M/min)
- Reserved interlock point for upstream and down-stream conveyors.
- Multiple strap function for single, double strap-ping or by-pass mode
- Strapping by photoelectric sensor controlled method
- Easy access strap path for maintenance
- Tension control via HMI
- Automatic miss-strap loop ejector
- Hinged table top

### SPECIFICATION CHART

Model	PW-0840DUATS2R
Capacity	45 cycles/min
Power Supply	1Ø : 110V / 220V / 230V / 240V, 50/60Hz
Air Supply	6 kgf/cm <sup>2</sup>
Table Top	Timing Belt Driven
Strapping Head	DC Brushless Motors
PP band width	5,6, or (8,9) (mm)
Welding Method	Heat Sealing
Strap Coil (mm)	Coil Diameter: 150x0.5 (6") or 200x0.5 (8") Core Width: 180~190
Tension Range	Up to 35 (kg)
Working Height	740~990 (mm)
Max load weight	30 (kg)
Package Size Range (mm)	Min. W 100 X H 30
	Max. W 1140 X H 460



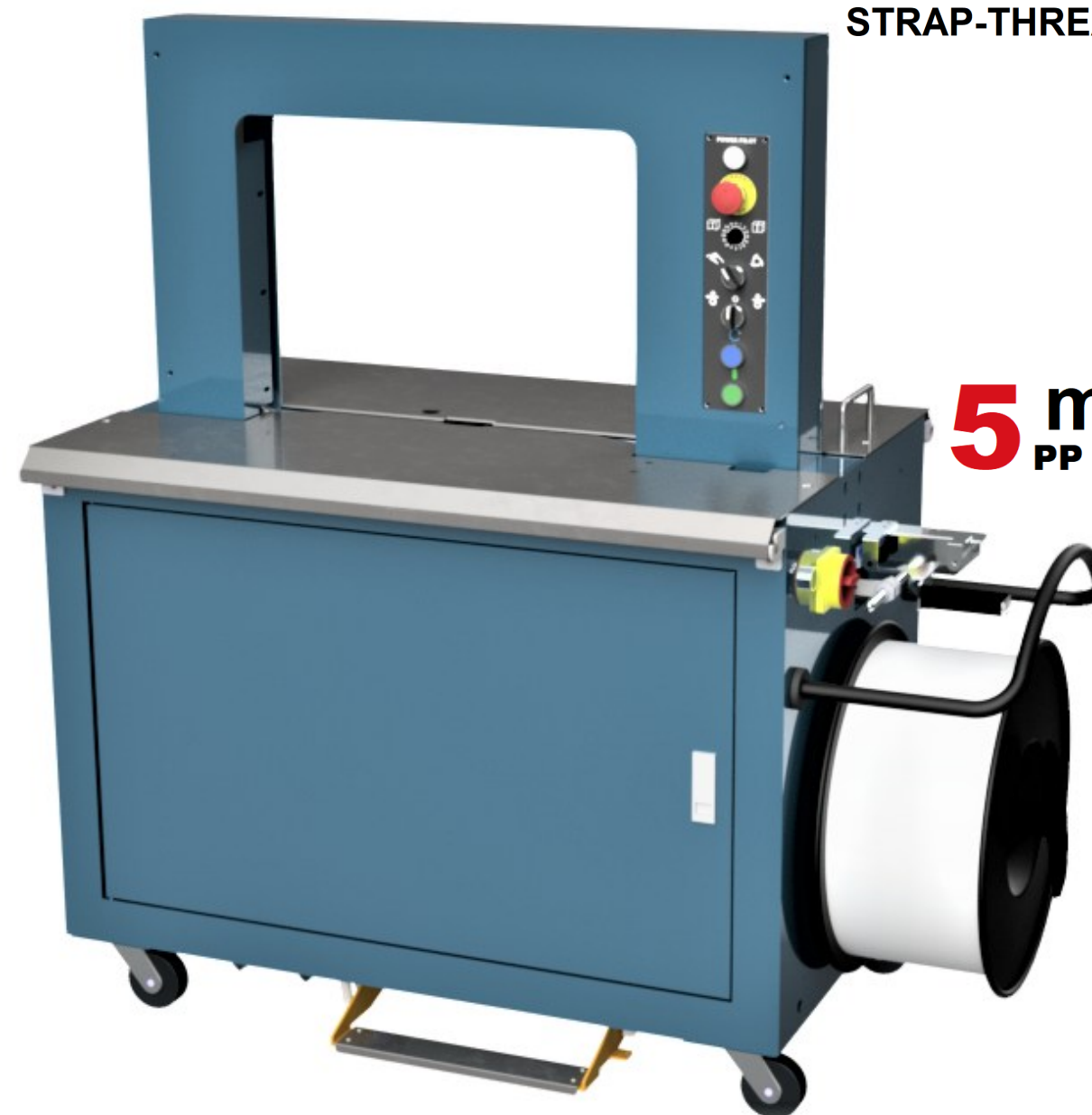
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# DUAT series

## AUTOMATIC STRAPPING

**AUTO**  
STRAP-THREADING

**5 mm**  
PP Strap



PW-0540DUAT

**PWI**®  
PACKWAY INC



2022.V1

\*All specifications are subject to change without notice.

# DUAT series AUTOMATIC STRAPPING



## ● High Efficiency

The strapping head is equipped with DC brushless motors for superb strapping speed up to 50 straps/min.

## ● Electromagnetic Dispenser

Different to the belt brake design, it doesn't require mechanical adjustment for the release of the coil brake during strap dispenser feeding into spool.

## ● Strap Loop Eject

Any miss-strapping (strap without bundle), the strap loop will be ejected out of the strap head to avoid strap jam.

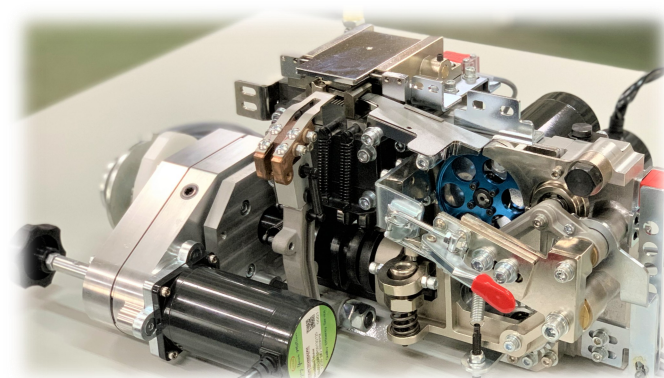
## ● Automatic Strap Feed

Waist-high strap feeding ,ergonomic design.

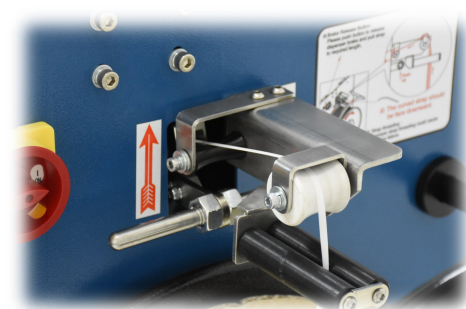
## ● Hinged Table Top

Easy access to strapping head for maintenance or cleaning.

**PW-DUAT Series** is the new range of high performance model of automatic strapping machine, with strapping speed up to 50 cycles per minute, it is suitable across all industries, including Corrugated paper, Printing, Mail distribution, Textile and Clothing or Cosmetics, you will find its ideal for a wild range of applications.



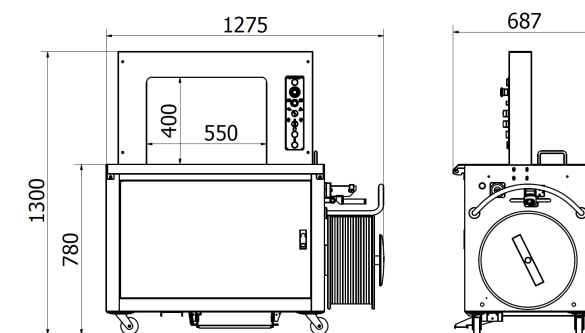
DUAT Strapper Strapping Head



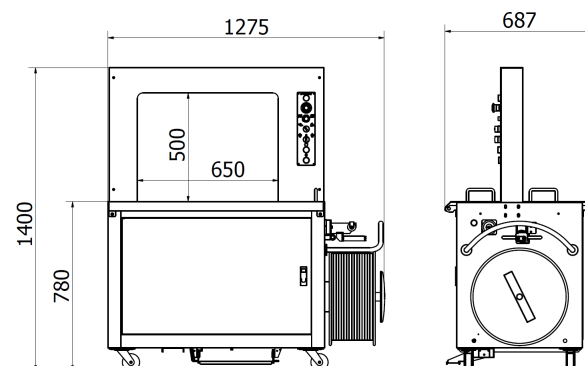
Auto Strap Feed Guide

## Dimension Diagrams

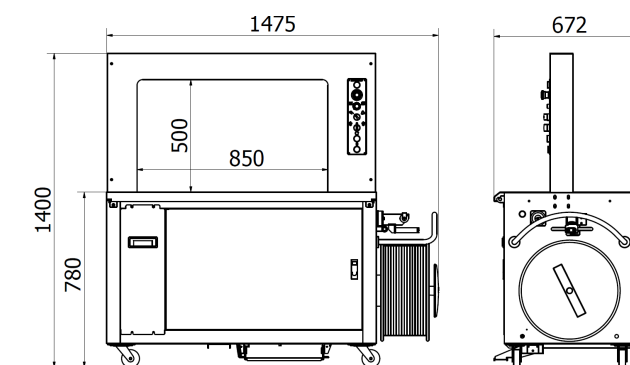
PW-0540DUAT	
Arch Size (mm)	W: 550
	H: 400
Machine Dimension (mm)	W:1275 L:687 H:1300
Working Height	780(mm)



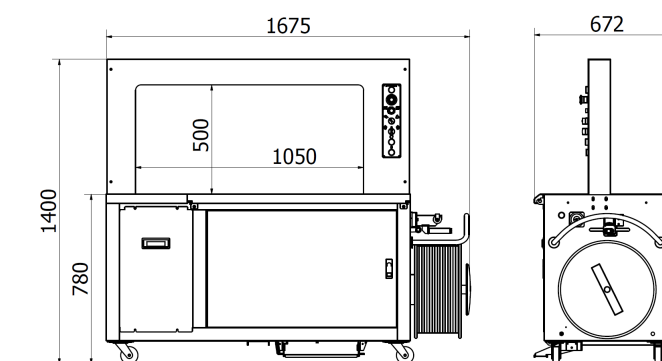
PW-0650DUAT	
Arch Size (mm)	W: 650
	H: 500
Machine Dimension (mm)	W:175 L:672 H:1400
Working Height	780(mm)



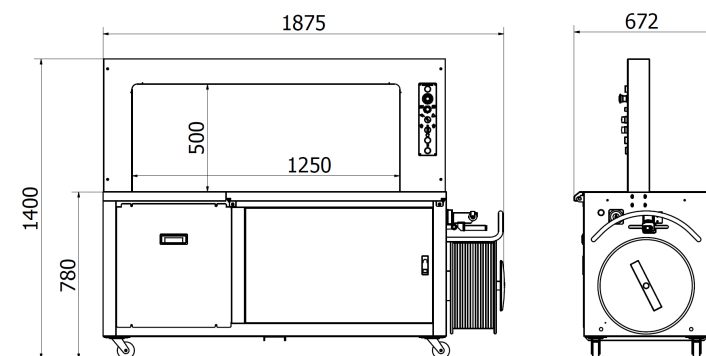
PW-0850DUAT	
Arch Size (mm)	W: 850
	H: 500
Machine Dimension (mm)	W:1475 L:672 H:1400
Working Height	780(mm)



PW-1850DUAT	
Arch Size (mm)	W: 1050
	H: 500
Machine Dimension (mm)	W:1675 L:672 H:1400
Working Height	780(mm)








PW-2850DUAT	
Arch Size (mm)	W: 1250
	H: 500
Machine Dimension (mm)	W:1875 L:672 H:1400
Working Height	780(mm)





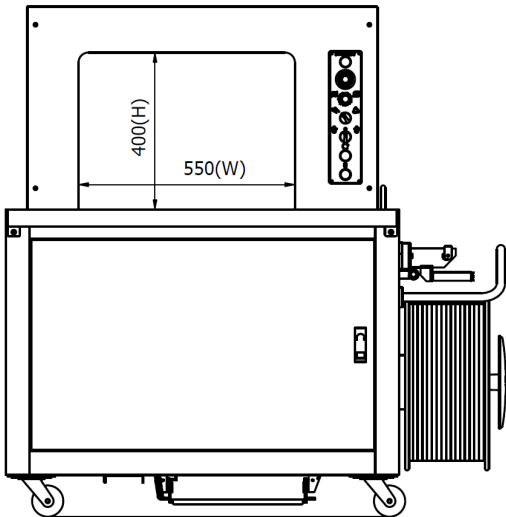
# Specification Chart

3D Model					
Name	PW-0540DUAT	PW-0650DUAT	PW-0850DUAT	PW-1850DUAT	PW-2850DUAT
Capacity	55 cycles/min	53 cycles/min	51 cycles/min	49 cycles/min	47 cycles/min
Power Supply	1Ø : 110V / 220V / 230V / 240V, 50/60Hz (Other Requirement Upon Request)				
Strapping Head	DC Brushless Motors				
PP band width	5,6, or (8,9) (mm)				
Welding Method	Heat Sealing				
Strap Coil (mm)	Coil Diameter: 150x0.5 (6") or 200x0.5 (8")    Core Width: 180~190				
Tension Range	Up to 35 (kg)				
Working Height	780 (mm) standard				
Max load weight	20(kg)				
Package Size Range (mm)	Min. W 80 X H 30				
	Max. W 450 X H 350	Max. W 630 X H 450	Max. W 820 X H 450	Max. W 1020 X H 450	Max. W 1220 X H 450

## Arch Sizes (mm)

W \ H	550	650	850	1050	1250	1450	1650
400	S						
500		*	*	*	*	*	*
600			*	*	*	*	*
800			*	*	*	*	*
1000			*	*	*	*	*

S Standard    \* By request

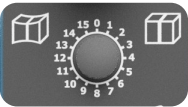


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# Control Features

## ● Adjustable Strap Tension    ● Strapping Mode

Easy to adjust to various strap-ping tension by turning the knob on the panel.



Selector Switch between manual or automatic mode for your operating preference. Automatic strapping via photoelectric sensor. **Manual strapping** via push button on control panel or via foot pedal switch.



Manual / Auto mode



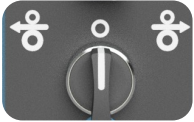
Start-button (strapping or auto strap-feed)



Foot pedal switch

## ● Feed or Reverse switch

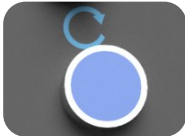
A utility quick switch for any short feed or use for maintenance situation.



Manual strap feed/ reverse

## ● Reset Button

A utility button only become functional when there is a strap jam, strap not in position or strap feeding problems



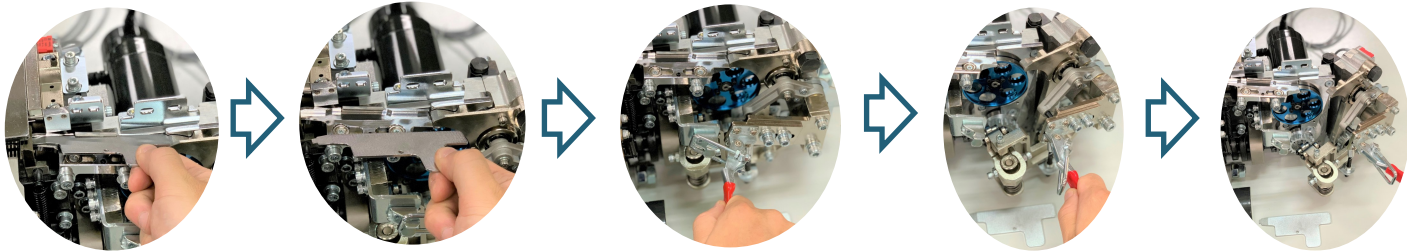
Reset button

## ● End of Strap Coil Detection

When strap coil is empty, strapping head continues to utilize the straps in the dispenser until the remaining strap length is not long enough (strap is less than the total arch loop length), while happening the strap chute opens automatically for the operator to proceed removing the last bit of strap.

## ● Easy Access Strap Path for Maintenance

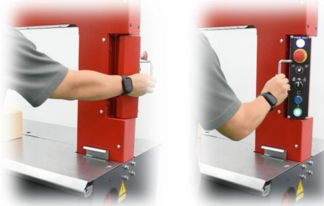
Unique tool-free access to strap path for easy trouble-shooting, and maintenance.



# Optional

- Stainless Steel Frame (SUS 304)
- 8, 9 mm strap widths (up to 43kg)
- Pneumatic Press Top
- Table-top styles:
  - A. Free roller or
  - B. ball tabletop

- Turnable Control Panel



For both sided operation, so you don't have to turn the machine around every time when you're operating on the other side. **(0°~180°)**

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