

Fibre-tear to deter pilferage



CASE ERECTOR 

 CASE PACKER

CASE SEALER 

 TOP CAP PLACER

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ABOUT US

Stelda is a technology leader in specialised Case Packaging machines that help make your supply chain logistics worries go away, in a sustainable way.

Shipper cartons sealed with Stelda case packers help prevent pilferage, reduce damages in-transit and help palletisation in a better and sustainable manner. The machines address randomness in package sizes and weights, while seamlessly connecting into the factory automation. Reduction in single use plastics, light weighting of boxes and avoidance of litter are key benefits of the circular economy.

Leading food, dairy, engineering goods, fragile products manufacturers have already benefited with huge cost savings in product distribution by adopting Stelda Case Packers.

SOME OF OUR CUSTOMERS

 For a healthy growing India			
	 COFCO INTL		 Jain Farm Fresh Foods Ltd.
 Better Products. Better Life.			
			
		 India's Leading Nuts & Dried Fruits Brand	 Penguin Random House India
		 SK Oil Industries	

STELDA PS 500

Stelda PS 500 series preset or batch production case sealers have the best in class options of box sizes, speed or type of sealing. The tamper evident case sealing provides protection against transit damages but many other benefits.

SALIENT FEATURES

- ✔ Improved packaging security (tamper evidence)
- ✔ Corrugate reduction
- ✔ Improved case stability and palletizing
- ✔ Long term bonds - for long term storage and shipping
- ✔ High productivity
- ✔ Reduction in product damages in transit
- ✔ Sustainability
- ✔ Top and bottom sealing
- ✔ Ergonomically designed, easy to operate
- ✔ Nordson® gluing system dispensing unit
- ✔ Speed up to 20 cases per minute
- ✔ Conforming to international safety standards



Cold Glue



Tape



Hot Glue

- ✔ Optional centralizing system
- ✔ Optional Cold gluing system
- ✔ Optional Taping system
- ✔ Optional powered roller infeed/exit conveyor

CASE SIZE

	Min	Max
Length	180 mm	600 mm
Width	180 mm	500 mm
Height	180 mm	500 mm

SPECIFICATIONS

Sealing Method	Hot Melt Glue / Tape
Electrical Requirement	3 Phase, 440V, 50 Hz, 4 kW
Air Pressure Requirement	6 CFM, 6 Bar (Dry Air)
Mechanical Speed	20 cases per minute
Gluing System & Taping Head	Nordson System & SIAT (Italy) Taping Heads

**Custom built model available with options for Tape/Glue*

STELDA AR500

STELDA AR500 is a state of the art, fully automated case sealing machine based on a patented technology that can accept any random sized box. The machine is set for the box either by reading QR code or by physically measuring the dimensions. This information is passed on to the gluing system so that the glue guns fire the right quantity of hot glue. The machine has a flexible glue pattern dispensing program which can be used to optimise the glue consumption based on the security requirements.

And that is reimagining the process of case sealing: where extreme flexibility in size, type of boxes and method of sealing can be custom selected for a given box.

SALIENT FEATURES

- ✔ All random, fully automatic machine with no settings required for box dimensions
- ✔ Available with multiple sealing options – Cold Glue, hot glue, or tape and a combination of any of these
- ✔ PLC & HMI controlled facility for storing huge variety of boxes, sealing options and patterns
- ✔ CE Compliant with conforming to all International safety standards
- ✔ Product counter, totalizer, jam detector, fault reporter
- ✔ Optional IIOT (Industrial Internet of things) capability

CASE SIZE

	Min	Max
Length	180 mm	600 mm
Width	180 mm	500 mm
Height	180 mm	500 mm

SPECIFICATIONS

Sealing Method	Hot Melt Glue / Tape
Electrical Requirement	3 Phase, 440V, 50 Hz, 7 kW
Air Pressure Requirement	6 CFM, 6 Bar (Dry Air)
Mechanical Speed	15 cases per minute (All Random Mode)
Mechanical Speed	20 cases per minute (Preset Mode)
Gluing System & Taping Head	Nordson System & SIAT (Italy) Taping Heads
Digital Technology	QR Code / Barcode for auto machine set-up capability

**Custom built model available with options for Tape/Glue*



Cold Glue



Tape



Hot Glue

STELDA CE 500

Stelda CE 500 is an automatic Case Former / Erector with PLC controls. Quick job change-over is effected through touch screen controls, using servo drives. Vertically stacked boxes are separated using vacuum and then formed before pushing through belt drives, when the bottom flaps get sealed.



SALIENT FEATURES

- ✔ PLC Controlled, with indications for errors; facility to store programs
- ✔ Positive Case Squaring System: Lines up and squares the case during sealing, creating visually appealing case output
- ✔ Single Push Transport System: Combines linear bearing guides with a mechanically adjustable case pusher for case squaring.
- ✔ Nordson® gluing system as for bottom sealing
- ✔ Case opening with vacuum
- ✔ Large case feed magazine
- ✔ Interlocked safety guarding
- ✔ Servo controlled, with easy job change-over
- ✔ Conforming to international safety standards
- ✔ Speed: Maximum 10-12 cases per minute

CASE SIZE

	Min	Max
Length	200 mm	500 mm
Width	200 mm	400 mm
Height	200 mm	500 mm

SPECIFICATIONS

Sealing Method	Hot Melt Glue / Tape
Electrical Requirement	3 Phase, 440V, 50 Hz, 5 kW
Air Pressure Requirement	15 CFM, 6 Bar (Dry Air)
Mechanical Speed	10-12 cases per minute
Magazine Infeed Capacity	100 cases (standard)
Gluing System & Taping Head	Nordson System & SIAT (Italy) Taping Heads

**Custom built model available with options for Tape/Glue*

STELDA TCP 15



Stelda Automatic TCP 15 picks up corrugated from a stack applies hot melts adhesive and places it in top of a 15 Liter / 15kg tin containing edible oil. The machine is connected completely in line with oil filling plant, and the collar fixing operation is done at speeds synchronizing with the line speed.

SALIENT FEATURES

- ✔ Non-stop feeding of collars
- ✔ Servo operated dual arm pick and place
- ✔ Nordson® gluing system as standard
- ✔ Glue saving
- ✔ Collar feeding
- ✔ Collar tilting
- ✔ Collar pick and place
- ✔ Collar rotation for precision gluing
- ✔ Linear nozzle movement in sync with collar rotation
- ✔ Collar pressing
- ✔ Dual conveyor system
- ✔ Optional layouts based on requirement
- ✔ Human safety features
- ✔ Real Time Monitoring

The machine has following sections each of them programmed to execute the required sequence.

- ✔ Collar feeder (De-stacker)
- ✔ Collar tilter (Tilts the collar from vertical to horizontal)
- ✔ Pick and place (Moves the horizontal collar, to Gluing station, and after gluing to the Tin Top)
- ✔ Gluing station (Nordson system, Rotating table, Linear motion of dispenser synchronized with rotation)
- ✔ Pressing station

TIN SIZE

Size of the Tin	240mm x 240mm x 320mm (LxWxH)
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SPECIFICATIONS

Sealing Method	Hot Melt Glue
Electrical Requirement	3 Phase, 440V, 50 Hz, 7 kW
Air Pressure Requirement	15 CFM, 6 Bar (Dry Air)
Mechanical Speed	15 tins per minute
Gluing System	Nordson System

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