



Professional Packaging Systems

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Dynaric ST1 Fully-Automatic Strapper



At a Glance

- Fully-automatic strapper with photo switches and variable-speed belts
- Ideal for strapping totes, boxes and large cartons
- Runs 5mm, 6mm or 9mm strapping material

Buy your [strapping material](#) from us, and get a discount on this Dynaric strapping equipment!

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

Photo Switches and Variable Speed Belts this Strapper Needs No Operator

The fully automatic Dynaric ST1 box strapping machine, equipped with variable speed powered belts, eliminates the need for an operator. The ST1 is ideal for strapping totes, boxes and large cartons.

Although the unit can be switched to manual and used like an offline unit, the ST1 is designed to operate automatically using adjustable photo switches to detect incoming packages.

To decrease downtime in between coil changes the ST1 is equipped with an externally located dispenser that can utilize Dynaric XL coils.

The ST1 is equipped with an automatic strap feeding system as well as an end-of-strap sensing system with automatic strap discharge once a coil has been completed. The ST1 can be customized to meet the requirements of any packaging environment.

Features

Accepts 5mm, 6mm or 9mm strapping with no additional parts required

Automatic strap feed

Strap end sensing systems, automatic discharge of remaining strap

Equipped with safety strap cutters outside the machine

Up and downstream interlocking

Adjustable conveyor height from 775mm (30.5") to 900mm (35.4")

PC control with operating unit and display signal processing via PLC control unit

Automatic strap tensioning, depending on height of package

Hinged table tops

Table belt conveyor drive steplessly adjustable (frequency inverter)
 Quick changing device for strap dispenser
 Heat seal smoke dissipation fan
 Capable of operating on single phase 120 volts or 3 phase power (208 volts to 460 volts)
 Six month warranty on all parts

Please [contact Pro Pac](#) or call 888-318-0083 for your strapping equipment.

Specifications of the ST1

Overall Width	23.9" (608 mm)
Overall Length	58.1" (1477 mm)*
Overall Height	52.8" (1342.7 mm)*
Table Height	30.5" (625 mm)
Weight	374 lbs (170 kg)*
Cycle Time	30 bundles per minute*
Cycle Initiation	Push button (manual) / Photoeye (automatic)
Strap Size	1/4" to 3/8" (5 mm - 9 mm)
Package Size	Maximum: Determined by archMinimum: 3.9"W x .39"H
Tension	Ultrasonic bundle sensing system with stepless adjustment of tension force
Seal Head Location	Bottom
Sealing Method	Heat seal
Mobility	2 swivel and 2 fixed casters
Dispenser	Externally located: 8" or 9" I.D. / 8" Face / 18"O.D.
Power	220 or 440 Volt 3 Phase

* Depending on arch size