



## Professional Packaging Systems

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## Contact

Our Packaging Experts  
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# Dynaric ST1HS Fully-Automatic High-Speed Strapper



## At a Glance

- Fully-automatic strapper built for corrugate bundles
- Powered belts and photo switches eliminate the need for an operator
- Straps up to 48 bundles per minute

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.

## Strap a Wide Range of Corrugate Bundles

Equipped with variable speed powered belts, the Dynaric ST1HS fully-automatic strapping machine eliminates the need for an operator. Although the unit can be switched to manual and used like an offline unit, the ST1HS is designed to operate automatically using photo switches to detect incoming packages. The ST1HS 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.

To decrease downtime due to frequent coil changes the ST1-HS is equipped with an externally located dispenser that can utilize Dynaric XL coils.

## Features

- Straps up to 48 bundles per minute
- Adjustable strap width (from 5 - 9 mm), no additional parts required
- Automatic strap feed
- Strap end sensing system, automatic discharge of remaining strap
- Up and downstream interlock
- Height adjustable feet
- Power cable, length 40"
- PC control with operating unit and display signal processing via PLC control unit
- Automatic strap tensioning, depending on height of bundle
- Hinged tabletops
- Table belt drive steplessly adjustable (frequency inverter)

Quick changing device for strap dispenser  
Dissipation Fan

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

## Specifications of the ST1HS

Overall Width	23.9" (608 mm)
Overall Length	58.1" (1477 mm)*
Overall Height	52.8" (1342.7 mm)*
Table Height	30.5" (776 mm)
Weight	374 lbs (170 kg)*
Cycle Time	Up to 48 bundles per minute
Cycle Initiation	Automatic photocell activation:1 or 2 straps placed at fixed locations on the package
Compressed Air	Operating Pressure: 87 psi (6 bar), Consumption App: 8.5 cfm (240 l/minute)
Strap Size	1/4" to 3/8" (5 mm - 9 mm)
Strap Tensioning	Ultrasonic sensor for automatic height dependent on tensioning
Sealing Method	Heat seal
Bundle Size	Maximum: Determined by archMinimum: 3.9"W x .39"H
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