

Dynaric, Inc.

# ST1CB

## Fully Automatic Strapping Machine

Designed  
for the  
Demanding  
Environment  
of the  
Corrugated  
Industry



**Dramatically Reduce Your Downtime**



## XL Coils

Increase your production further by reducing downtime caused by changing coils. Dynaric's XL coils are still produced using the same high quality materials as our standard coils but with more footage therefore eliminating up to 30% of your coil changes.

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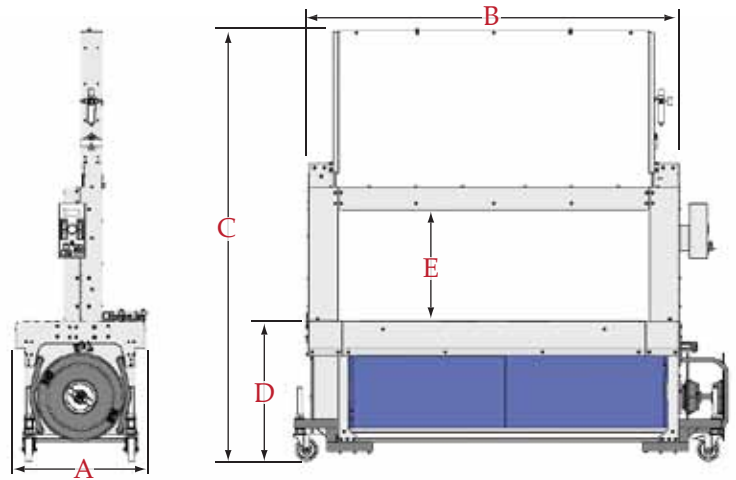
# ST1CB



The ST1CB is a strapping machine designed specifically for the corrugating industry. Utilizing steplessly adjustable powered rollers on the table tops and photo switches, this unit eliminates the need for an operator. Equipped to use our XL line of plastic strap, an automatic strap feeding system and a strap end sensing system (with automatic strap discharge when a coil has been exhausted), the ST1CB will dramatically reduce your downtime during strap changes. Hinged table tops make accessing the machine convenient and easy.

## At A Glance

- Straps up to 30 packages per minute
- Full bundle press with guard for safety purposes
- Strap width 5 - 9 mm adjustable, with no additional parts required
- Automatic strap feeding system
- Strap end sensing system, automatic discharge of remaining strap
- Patented strap loop ejector finger
- Heavy duty height adjustable casters
- PC control with operating unit and display signal processing via PLC control unit
- Automatic ultrasonic strap tensioning, based on height of bundle
- Hinged table tops
- Heavy duty variable speed conveyor rollers, stepless adjustability
- Quick change strap dispenser
- Heat seal smoke dissipation fan
- Up and downstream interlock capability



Overall Width: <b>A</b>	28.3" (718mm)
Overall Length: <b>B</b>	79.7" (2024mm)
Overall Height: <b>C</b>	92.8" (2359mm) - 108.6" (2760mm)
Table Height: <b>D</b>	30.3" (770mm) - 46.1" (1171mm)
Power Supply:	208 / 230 / 460 Volts, 50/60 Hz, Single or 3 Phase
Cycle Initiation:	Activated utilizing photocells: 1 or 2 straps placed automatically at fixed locations on a package
Compressed Air:	Operating pressure: 87 psi (6 bar) Con- sumption: app. 8.5 cfm (240 l/min)
Machine Weight:	770 lbs. (350 kg)
Capacity:	Max. 30 bundles / min.
Sealing Method:	Heat Seal
Strapping Material:	Widths: 5 - 6mm (1/4") 9mm (3/8") *
Strap Tension Force:	0 - 73 lbs
Bundle Weight:	Max. 66 lbs (30 kg)
Strap Tensioning:	Ultrasonic sensor for automatic height dependent tensioning
Bundle Sizes: <b>E</b>	Width: min. 3.9" (100 mm) max. 65" (1650 mm) Length: min. 5.5" (140 mm) Height: min. 3/8" (10 mm) max. 23" (580 mm)
Strap Coil:	Core I.D.: 9" X Face: 8" * Core I.D.: 8" X Face: 8" *

\* Must be specified at time of purchase

