

Dynaric, Inc.

# ST1



High Speed  
Fully Automatic  
Operator-Less  
Plastic  
Strapping  
Machine

Maximizing  
Production in  
Virtually any  
Application



**Increase Production - Reduce Cost**



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.

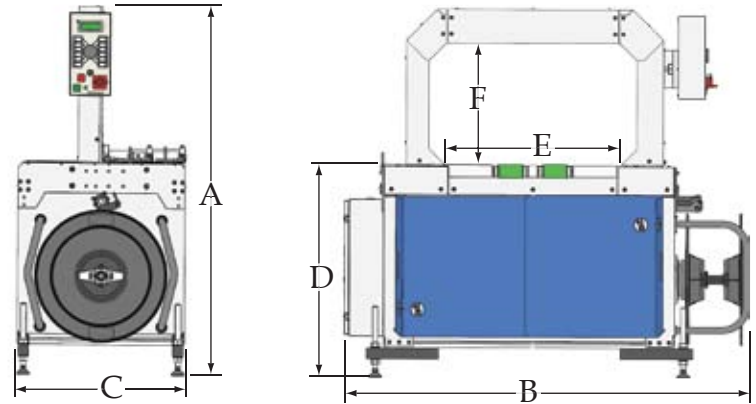
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## Fully Automatic High Tension Strapping Machine

The ST1 is the operator-less machine equipped with variable speed powered belts, eliminating the need for an operator. Although the unit can be switched to manual and used like an offline unit, the ST1 is designed to operate automatically using photo switches to detect incoming packages. 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.

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



A	52.8" (1342.7mm)
B	51.8" (1477mm)
C	23.6" (608mm)
D	30.5" (776mm)
E	24.8" (629.5mm)
F	17.9" (439mm)

Maximum arch size is 31.5" x 27.5" (800mm x 700mm)

### At A Glance

- Capable of up to 30 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

<b>Overall Width:</b>	23.9" (608 mm)
<b>Overall Length:</b>	58.1" (1477 mm)*
<b>Overall Height:</b>	52.8" (1342.7 mm)*
<b>Table Height:</b>	30.5" (776 mm)
<b>Weight:</b>	374 lbs (170 kg)*
<b>Cycle Time:</b>	up to 30 bundles / min.*
<b>Cycle Initiation:</b>	<i>Manual Mode:</i> Push Button <i>Automatic Mode:</i> Photoeye
<b>Strap Size:</b>	1/4" to 3/8" (5mm-9mm)
<b>Package Size:</b>	Min. 3.9" W x .39" H Max. Governed By Arch
<b>Tension:</b>	Ultrasonic bundle sensing system with stepless adjustment of tension force
<b>Seal Head Location:</b>	Bottom Seal
<b>Sealing Method:</b>	Heat
<b>Mobility:</b>	2 swivel and 2 fixed casters
<b>Dispenser:</b>	Externally located - 8" or 9" I.D./8" Face/18" O.D.
<b>Power:</b>	220 or 440 Volt 3 Phase**

\* Depending on arch size

\*\* Must be specified at the time of order

