

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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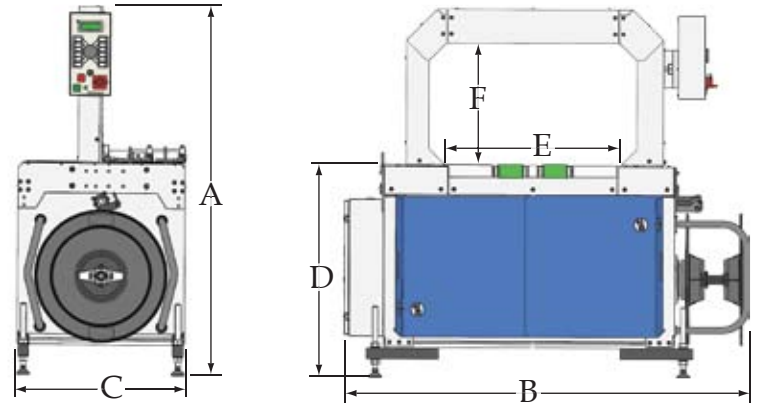
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Certified Minority Owned Business

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

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 30 bundles / min.*
Cycle Initiation:	<i>Manual Mode:</i> Push Button <i>Automatic Mode:</i> Photoeye
Strap Size:	1/4" to 3/8" (5mm-9mm)
Package Size:	Min. 3.9" W x .39" H Max. Governed By Arch
Tension:	Ultrasonic bundle sensing system with stepless adjustment of tension force
Seal Head Location:	Bottom Seal
Sealing Method:	Heat
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

** Must be specified at the time of order

