



# Model NT 440 High Speed Newspaper Strapping Machine

Experience the difference Samuel Strapping Systems can make in your productivity today!

The history of the NT-440 seal engine reveals an average annual cost-of-operation (parts only) at \$326.00 in machines 4-6 years old!

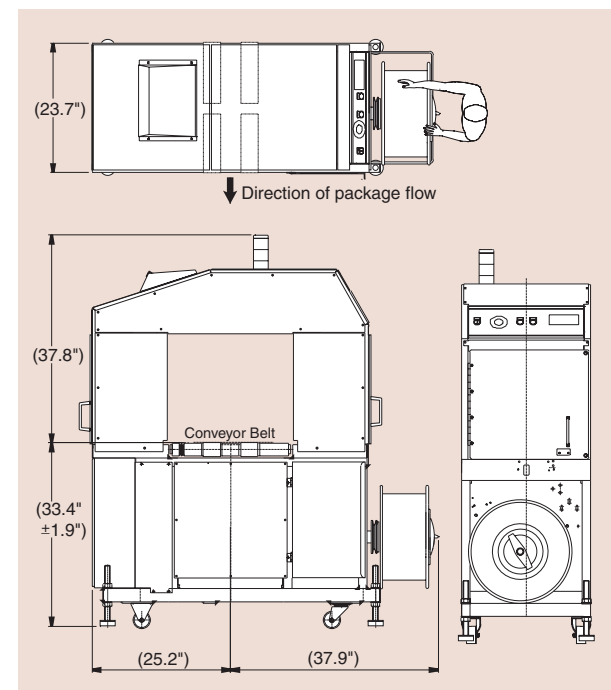
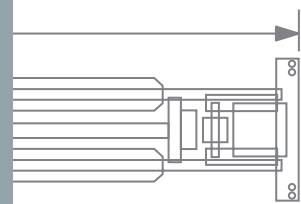
The prescribed preventative maintenance is only 16 hours annually! Let us show you what we are made of today We fully support our equipment line with our "Partner Program" to ensure long, reliable life in your packaging department.

Also, ask us about our bottom and 3/4 wrappers, ink jet printing capabilities, bundle turning devices and stretch wrap equipment.

Contact your local sales person today!

## Specifications

|                        |   |
|------------------------|---|
| Overall Width          | 23.7"   |
| Overall Length         | 63.1"   |
| Overall Height         | 69.3" - 73.1"   |
| Conveyor Height        | 31.5" - 36.5"   |
| Weight                 | 1200 lbs  |
| Electrical Supply      | 208/230/460V, 3 Phase, 60 Hz  |
| Electrical Consumption | 1.1 KVA   |
| Pneumatic Pressure     | 90 PSI  |
| Consumption Per Cycle  | 30.0 Gal/Cycle Free Air   |
| Capacity               | 44 Bundles/Minute (single strap)<br>23 Bundles/Minute (double strap) 6mm embossed |
| Maximum Bundle Height  | 18"   |
| Minimum Bundle Height  | 0.5"  |
| Maximum Bundle Weight  | 57 Pounds   |
| Strapping Material     | 6mm Polypropylene   |
| Sealing Method         | Heat Seal   |
| Seal Joint Weld Width  | 1"  |
| Operation              | Electro-pneumatic   |
| Conveyor Speed         | Adjustable  |



### Samuel Strapping Systems

U.S.A.  
1-800-323-4424  
Canada  
1-800-607-8727

www.samuelstrapping.com

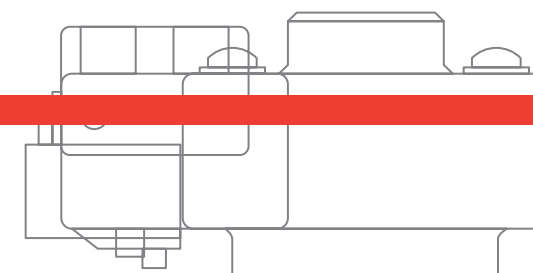
# MODEL NT 440

High Speed Automatic Newspaper Strapping Machine



## Taking Reliability to the Next Level

- Only model with push button tension in the industry
- Quickest set-up in the industry
- Most accessible model in the industry



## A few features of the Model NT 440

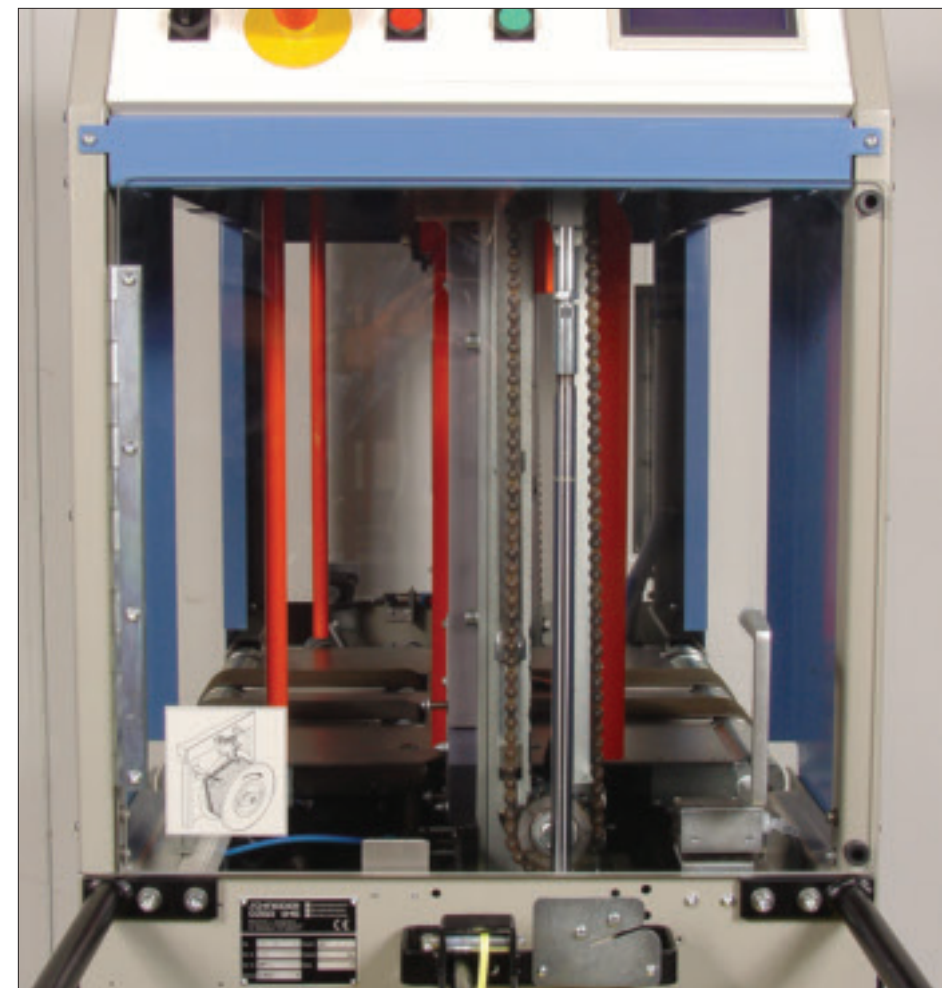
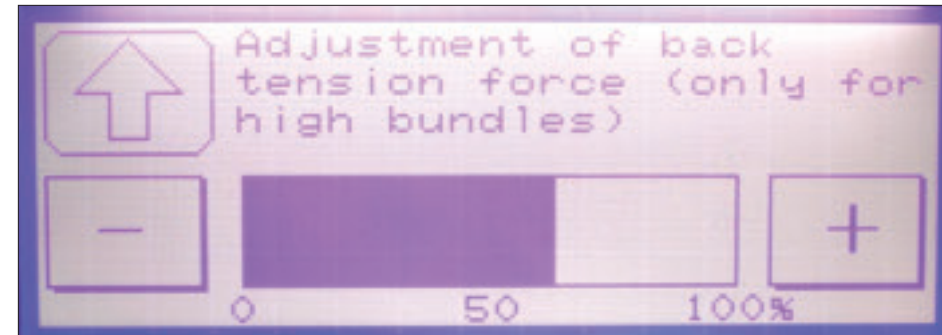
### Touch Screen Control Features

- Four pre-programmable package settings
- Functions On/Off
- Password protected
- Diagnostics
- Spanish is an optional language
- Easy timer settings
- Shows throughput speed

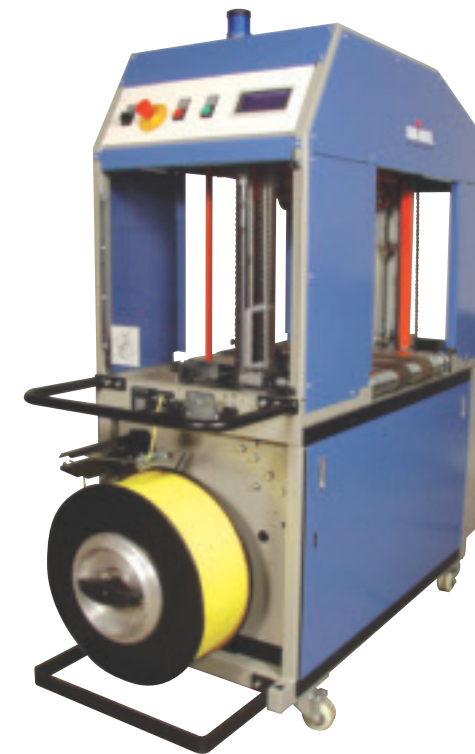
- Clear plexiglass doors allow operator to view surroundings or other production lines without obstruction like other machines
- Make maintenance troubleshooting and preventative maintenance much easier
- Controls conveniently located at operator eye level for comfort
- Automatic strap loading at waist height
- Strap Cutter



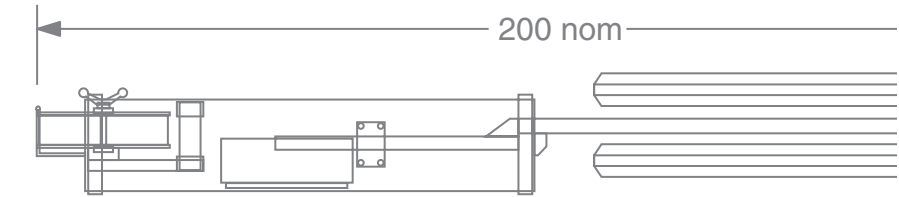
### Push Button Tension!



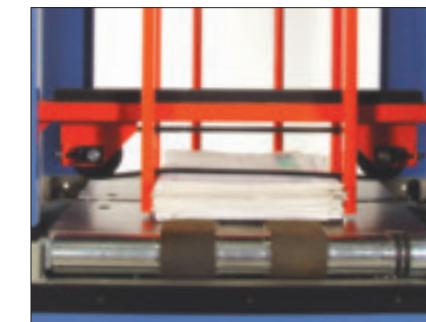
151"  
133"



The NT-440 expands on its predecessors (NT-30 and NT-40) extreme reliability with added speed processing bundles up to 44 per minute for today's high speed presses and inserters. Simple, precise package parameters are set up quickly allowing for quicker start-ups. Touch screen controls also provide large character diagnostic messages when the warning lamp is illuminated. Conveyor speed is digitally adjustable up to 199 fpm while incorporating soft start/stop through a highly reliable variable frequency inverter AC drive. This same drive system is in use in the main seal shaft motor promoting less wear and need for maintenance. The soft press and dual bundle conditioners ensure even heavily inserted bundles are strapped tightly and consistently regardless of bundle height via our linear relationship between soft press and final tension. The clear doors on top and single slide panels on each side underneath make the machine easily accessible. It's compact 23.7" footprint can fit in any space regardless of what model it is replacing.



Single quick-release handle makes for quick backstop changes



Bundle is tightly secured prior to strap placement making for a nice, presentable package to the carrier force

## What makes the NT 440 stand out from the others?

### Mechanical Features

- Reliable inverter-controlled AC drives with varying acceleration/ deceleration
- Mechanical tensioning arm allows for consistent tension
- Air blow at feed roller each cycle
- Minimal wear parts resulting in reduced preventative maintenance requirements
- Clear side doors and removable slide panels
- Recorded diagnostics
- Easy to read manual with specific preventative maintenance schedule

### Operator Ease

- Automatic strap loading
- Touch screen interface
- Diagnostics
- Quick package changeover
- Quick change spare dispenser
- High visibility machine status light
- Strap eject system reduces jams
- Out of strap sensor
- Standard dual bundle detect system
- Air gun (included with machine)
- 3" ball bearing castors for easy mobility

