



Professional Packaging Systems

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Dynaric NP5000 Fully-Automatic High-Speed Newspaper Strapper



At a Glance

- Servo-driven strapper for the newspaper industry
- Superior performance, compact design and outstanding reliability
- Up to 42 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.

High-Speed Servo-Driven Newspaper Strapper

The Dynaric NP5000 takes over where the NP3 leaves off. Building on over 25 years of experience in the newspaper industry, the NP5000 is a high-speed (42 bundles per minute, single strapped, regardless of bundle height) strapping system for today's newspaper industry.

The NP5000 provides superior performance, compact design and outstanding reliability, for both ROP and Inserting operations. Equipped with a 5.6" graphic display screen which utilizes touch screen technology, quick change dispenser system, end of strap sensor and an easy strap feeding system, the NP5000 is very user friendly. With its soft clamp compression, bundle conditioning system, extra wide conveyor belts and variable speed conveyor, the NP5000 handles bundle variables with ease.

Removable body panels, a quick release heater blade, a one piece arch track, a pre-lubricated gripper system and a servo motor system facilitate machine maintenance.

Features

Servo drive technology, capable of applying 54 straps per minute.

Accepts 5mm, 6mm or 1/4" strapping material.

External operator interface with Touch Screen Technology identifies the operational status of the unit, as well as assisting in troubleshooting minor problems.

Pre-lubricated gripper assembly extends preventative maintenance schedule to two million cycles.

Wider tension range has greater tension control for different size bundles.

Quick release heater blade has easy access for preventative maintenance.

Small bundle strap ejection device guarantees proper release of small bundles.

Low bundle sensor with automatic tension adjustment for various bundle sizes.
 Recessed air regulator eliminates possible damage from other mailroom equipment.
 Efficient compact design minimizes required floor space.
 Built in interlocks interfaces with both up and down stream equipment.
 Minimal number of moving parts lowers maintenance costs and increases reliability.
 Oil-less air system is environmentally safe and has low maintenance.
 End of strap sensor alerts the user to an upcoming strap coil change which eliminates strapping jams.
 Quick change dispenser has easy loading and unloading of strap coils.
 Variable speed conveyor easily interfaces to existing conveyor speeds.
 Soft clamp compression shapes itself to bundle contour for uniform compression.
 Bundle condition system squares up bundles prior to strapping.
 Extra wide conveyor belts has positive handling of football shaped bundles.
 Locking, sliding & removable panels allow for easier access for maintenance and cleaning.
 Table height adjustment adapts to various height conveyor systems.

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

Specifications of the NP5000

Overall Depth	23.6" (600 mm)
Overall Width	53.5" (1360 mm)
Overall Height	71.3" - 76.4" (1181 - 1941 mm)
Conveyor Height	31.5" - 36.6" (800 - 930 mm)
Weight	1200 lbs (550 kg)
Cycle Time	45 bundles per minute with single strap 21 bundles per minute with parallel straps 50 straps per minute
Strap Size	6 mm (5 mm optional)
Sealing Method	Heat seal
Bundle Size	W: 4.3" - 22" (110 - 560 mm) H: 0.8" - 15" (20 - 380 mm) / Optional 18" (457 mm) L: 5.5" (140 mm) minimum
Bundle Weight	Maximum: 55.1 lbs (25 kg)
Operation	Electro-pneumatic
Compressed Air	22.3 CFM, 87 PSI
Power	208 / 230 / 460 Volt, 50/60 Hz, 3 Phase, Approx 1.5kW