



Features:

- Up to 45 fpm continuous speed standard
- 16" or 26" roll face rollers (many options available)
- UL 508A panel
- Driven auto advance
- Continuous or intermittent motion control
- Maximum intermittent progression/advance: 25"
- Touch screen user interface
- Compact footprint

Series 7000 Unwind/Rewind System

Performance Driven, We'll partner with you to improve throughput

With over 70 years combined thin material web handling experience, **Northfield Automation** is proud to offer our Series 7000 Unwind/Rewind System. The **Series 7000 Unwind/Rewind System** is designed with performance in mind. Leave the details to us, it's our job to ensure that our equipment will meet your web handling needs.

We'll consult with you to ensure that each feature of the Series 7000 Unwind/Rewind System is precisely tuned to match up with your process. Further, we can provide full turnkey integration for your process including emergency stop/safety, mechanical alignment and much more.

You can benefit today from our proven equipment development experience in the printed electronics industry. We've spent years improving thin-film web handling process equipment. Our featured solution is the Series 7000 Unwind/Rewind System. This system will provide years of trouble-free web handling to further improve your yield and throughput.



DESIGN. DEVELOP. DELIVER

Options For Series 7000 Unwind/Rewind System

Edge Guiding

Our fully-automatic edge guide package allows precise control of the web position and material windup with industry leading accuracy of ± 0.004 ". Higher accuracy is available. Edge guiding package is available for unwind and/or rewind system.

PLC Controlled

Our systems are PLC controlled. The PLC allows for fully automatic operation ensuring that all components are on and functioning when the web motion starts. With our system integration we can provide a full turnkey controlled process.

Material

Capable of handling plastic films, foils, laminates, adhesives, composites and more. Material thickness may vary from .0005" to .050".

Interleaf Unwind

Optional take up of interleaf material before it leaves the unwind station.

Interleaf Rewind

Option for rewinding your sensitive materials with interleaf to prevent top side from becoming damaged when rolling up materials.

Tension/Speed Control

Our standard 7000 system has tension control from 4 to 40 pounds and speed control capable of speed regulation within 2 percent of full scale. The series 7000 unwind/rewind is capable of handling varying web speeds, including continuous or intermittent. Our experts can consult with you to determine the correct configuration for your system.

Splice Table

This option will help you to perform accurate repeatable splices from one material to the next.

Expansion Chucks

Standard 3" material shaft with 6" adapter expansion chucks. Many other options are available.

Web Cleaning

Northfield Automation Systems can provide a variety of options for in-line web cleaning.

HEPA Enclosure

Add a HEPA enclosure that will enable you to create a micro cleanroom environment.

Integration

Northfield Automation Systems has been integrating/installing roll handling to processing equipment for years. We provide full turnkey integration for your process equipment including emergency stop/safety, mechanical alignment, and whole line process integration for safety, ease of operation, and to prevent material damage. We offer an optional on-site laser alignment service to provide roller alignment and leveling. **Contact us to find out how the Series 7000 Unwind/Rewind System can drop into your process to handle your needs.**



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