

CASE STUDY

With years of expertise in the slitting equipment industry, Nicely is dedicated to delivering the highest-quality solutions to its customers.

Explore Nicely's impressive track record, showcasing successful applications across various industries and materials. From real-world case studies and market trend analysis to equipment retrofit projects, we highlight our commitment to excellence.

Discover how Nicely's customized services meet diverse customer needs and drive greater production value.



Retrofitting Success for Leading Manufacturer

Enhancing Nonwoven Fabric Slitting Machine : EG-2001GA

A Taiwanese leading nonwoven manufacturer, in June 2024 has completed a significant retrofitting project on their 3600mm nonwoven slitter rewinder, model EG-2001GA.

Originally acquired in 2014 for handling nonwovens, this upgraded slitter is now set to meet the demands of their growing overseas market. The modifications were primarily driven by the need to accommodate local market demands and comply with local safety regulations.

Ref : #14010 #14011 EG-2001GA : Modification Case

Scope of the Upgrades

This comprehensive upgrade included several key modifications :

1. Increasing Rewind Outer Diameter (OD) from 1200mm to 1500mm

- Modifications to the machine frame, guideways, chain system, and actuation system .
- Benefit : Reduced downtime and increased productivity.

2. Renewing Wiring and Cable Carrier

- Renewal of wiring and cable carriers to adhere to local regulations.
- Benefit : Improvements in operational safety and reliability.

3. Enhance Shaft Handling Device

- Addition of a shaft handling device to accommodate 3" and 6" rewind shafts.
- Benefit : Include a hands-free system for enhanced efficiency and safety.



Country	Taiwan
Machine Model	EG - 2001 GA
Material to be Slit	Nonwoven
Roller Width	3600 mm
Input Roll Width	1200 - 3500 mm
Unwind OD	Max. 1800 mm
Rewind OD	Max. 1500 mm
Machine Speed	10 ~ 300 M/min



4. Renewing Pneumatic Knife Cutters

- Renewal full set of pneumatic knife cutters.
- Benefit : Improved cutting precision and overall machine performance.



5. Inspecting and Renewing Electrical Parts

- Replacement of electrical parts based on professional evaluation.
- Benefit : Ensure optimal functionality and safety.



6. Driven System Upgrade

- Replacement of the rewind motor and drive.
- Benefit : Installation of an advanced motor for improved performance and reliability.



“ Upgrade and retrofit existing machines to meet safety standards and market demands, keeping production at peak performance. ”

Retrofitting : A Sustainable Solution

Retrofitting equipment to keep pace with change is a sustainable and efficient alternative to replacing old machinery.

In 2023 alone, Nicely assisted 13 domestic and global customers with over 50 equipment modifications.

Nicely has been a strong advocate for this approach, upgrading customers' existing slitters to create new value and enhance efficiency.

These included electrical control upgrades, mechanical changes, and automation introductions, tailored to meet the evolving needs of the new material market.



Retrofit Video

Retrofit Project for Texas USA

Nicely Machinery offers retrofitting and upgrading services for older slitter rewinders, whether they were originally from Nicely or another supplier. Retrofitting involves replacing key components to bring the machine up to current industry standards, improving efficiency and reducing maintenance costs.

This service allows customers to benefit from new technologies and enhanced performance without the expense of purchasing a brand-new machine. It provides a cost-effective solution with a strong return on investment while extending the lifespan of existing equipment.

Nicely’s expert technicians perform thorough inspections and provide valuable advice to ensure machines run safely and reliably, helping customers maximize their equipment’s performance and minimize waste.



Country	Texas, USA
Machine Model	Secondary slitter original from USA
Material to be Slit	PE film
Input roll Width	1800 - 5100 mm
Unwind OD	Max. 1200 mm
Rewind OD	Max. 1200 mm
Related Models	EG - 8003



EG-7009 Video

Highly Favored by Pharma-Industry

EG-7009

Tenth-time Repurchase

After an intensive acceptance schedule with our European client in late March 2024, which included three days of rigorous testing and review, Nicely completed significant add-ons in April 2024. This included shipping two EG-7009 duplex shaft slitter rewinders and one EG-R900 doctoring machine with trim winders, all designed for pharmaceutical packaging.

These slitter rewinders are destined for the client's production bases in Europe and China. To date, nearly ten units have been installed across the client's global operations. We are grateful for our customer's ongoing support and look forward to further collaborations.

EG-7000 series has long been a popular choice, due to its dual-shaft center winding slitter rewriter configuration, which is ideally suited for the flexible packaging industry.

Beyond slitting and rewinding, Nicely offers a highly customizable product unloading system. It is specifically designed to meet the unique downstream handling requirements of customers, adding convenience to in-plant logistics and facilitating smoother operations.

Ref: #23006 and #23007 of the EG-7009 successfully installed in Germany and Switzerland.

Unit #23010 was delivered to China.

Regions	Europe
Machine Model	EG-7009
Material to be Slit	Pharmaceutical materials
Roller Width	1750 mm
Unwind OD	300 - 1300 mm
Rewind OD	250 - 800 mm
Machine Speed	300 M/min

EG-3D9220

Successful Shipment of Spool Slitter Rewinder to Vietnam

Multi-Advantages of Nicely Slitter Rewinders in Fine Narrow Slit for Electrical Insulation Applications

In March 2024, Nicely successfully delivered an EG-3D9220 Spooling Slitter Rewinder to Vietnam.

This machine is specifically designed for narrow mica tape slitting and marks the customer’s nearly 10th purchase of Nicely’s slitter rewriter, solidifying our strong partnership with this Japan-based customer. Since 2012, Nicely has been delighted to witness our customer's continued growth over the years and are grateful to be part of their journey toward success.

Nicely understands that behind every machine lie the production needs and expectations of customers. Therefore, we are committed to continuously improving product quality and functionality, offering customized solutions to meet customer requirements. We look forward to the EG-3D9220 bringing more success to our customers and fostering long-term collaboration to create a brighter future together.



EG-9000 Video



Case Features

The EG-3D9220 is equipped with the Nicely EG-300 Multi-Purpose Slitter Rewinder at the front end, featuring a short distance between rollers for accurate slitting and precise winding. Following the winding process, it is connected to the EG-9000 series Spool Winder which allows a variety of winding modes according to specific product requirements.

Due to its benefit of offering dual winding configurations, pancake rolls and spools, which expands the possibilities for downstream processes. This not only significantly enhances length output capacity but also reduces downtime.

By choosing the spooling mode and setting the traverse width, the total length of spooled products is more than 20 times greater than that of pancake winding under the same outer diameter requirement.

Moreover, the modular spool winding configuration allows for future capacity expansion, freeing budgets from being constrained by production capabilities and enhancing equipment flexibility.

Ref 1: #23009, EG-3D9220, was successfully installed in Vietnam in April 2024.

Ref 2: Japanese customers visited Nicely’s booth at CWIEME 2024 to express appreciation for the machine’s quality.

Country	Vietnam
Machine Model	EG-3D9220
Material to be Slit	Mica tape
Roller Width	600 mm
Unwind OD	600 mm
Rewind OD	600 mm for Pancake roll 400 mm for Spool roll
Machine Speed	10 - 200 M/min
Related Models	EG-9000 series EG-300 series





EG-8002 Precision Tension Control

Gaining Favor from Taiwan's Leading Food Paperware Manufacturer

In November 2023, Nicely delivered an EG-8002 Duplex Shaft Center Winding Slitter Rewinder, designed for slitting PE-coated paper and food packaging applications. This marks the fourth equipment supplied to our client, a leading supplier in Taiwan's food paper packaging sector.

The client has been actively engaged in the development and production of environmentally friendly paper products, including FSC-certified paper, recycled paper, and biodegradable paper, contributing to reduced environmental impact.

The EG-8002 model shipped this time is not only suitable for food paper packaging but is also a popular choice in the label manufacturing industry. Its dual-shaft center winding configuration enables efficient handling of label materials with sensitive tension control requirements. Whether handling with paper, film, composite materials, or thicker food packaging coated paper, it offers excellent operability, effectively enhancing production capacity.

Nicely Contributes to a Sustainable Production Environment

With the continuous rise in environmental awareness, particularly in the wave of reducing plastic usage, the demand for eco-friendly paper products and recycled paper has surged.

From 2020 to 2023, among the models sold by Nicely, 22% are suitable for paper applications, and more than 70% of these slitter rewinders exported globally.



EG-8002 Video

Equipment Upgrades for Sustainability

With nearly 40 years of expertise in the slitter rewriter industry, Nicely is dedicated to helping customers meet the rapidly changing market demands.

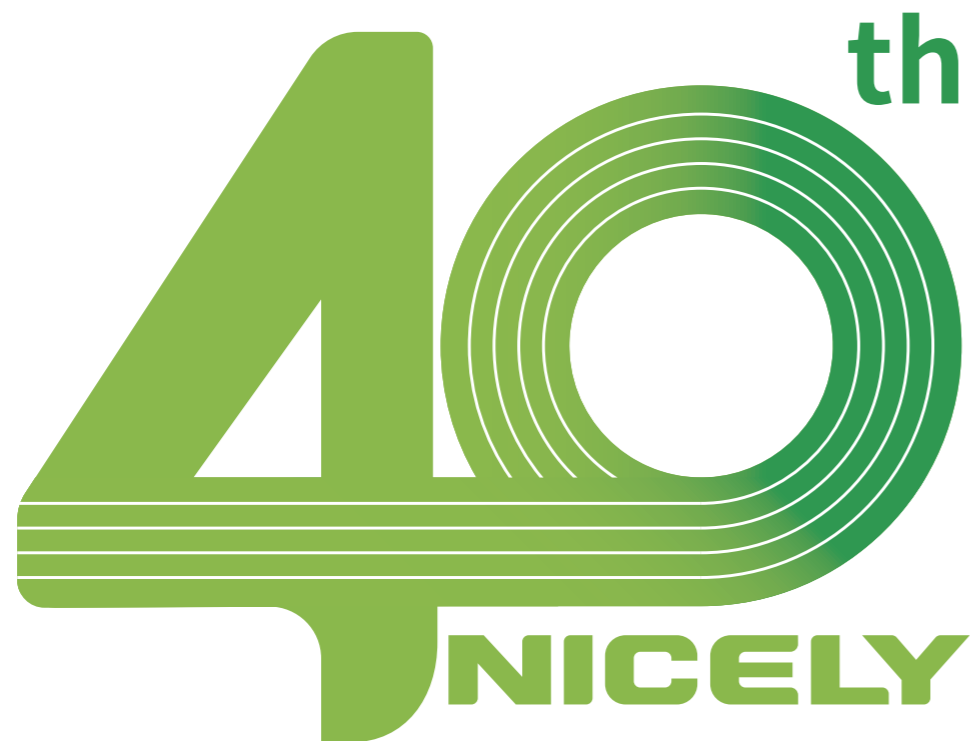
Responding to the calls for energy efficiency, carbon reduction, and sustainability, Nicely assists customers in upgrading their electrical control systems.

Through intelligent control, the system can monitor motor performance and make corresponding adjustments. Additionally, it can feed back generated energy into the power source, gradually achieving green transformation and sustainable development goals.

Country	Taiwan
Machine Model	EG-8002
Material to be Slit	PE Laminated paper (paper cups, paper food boxes) 200-400 gsm
Roller Width	1700 mm
Unwind OD	500 - 1600 mm
Rewind OD	Max. 1600 mm
Machine Speed	400 M/min
Related Models	EG-2003E series

SINCE — 1984

NICELY MACHINERY
#FROM TAIWAN



INNOVATION AND GROWTH NICELY'S JOURNEY FORWARD.

Nicely's core value has always been to provide tailored machines that meet customers' needs from the start.

We thank you for your continued support. Moving forward, Nicely is committed to growing with partners and achieving greater success together

NICELY MACHINERY DEVELOPMENT CO., LTD.



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NICELY MACHINERY
DEVELOPMENT CO., LTD.

Address
24 Tayu St. Luchu, Taoyuan
City, Taiwan 33842

Email
marketing@nicely.com.tw

Phone
+886-3-324 9020

Fax
+886-3-324 9026

Website
www.nicely-slitter.com

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