



Digital Inkjet Printing Solutions

Flexibility, Reliability and Cost Savings in Full Colour.

 www.prodieco.com

Business Summary

The Start of a Never-Ending Pursuit of Excellence

Everything started in Dublin, Ireland in 1962 when Prodieco – short for Progressive Die Company – was founded as a press tooling company. The small group of passionate and technically brilliant engineers responsible for doing so started with a commitment to never sacrifice our high-quality standards.

For sixty years, we have followed their revolutionary philosophy to design, develop and deliver the highest-quality engineering solutions for our customers. Today, we think global but act local, with 98% of our products & services exported globally, we are strategically located around the world.

Our commitment to quality continues to be absolute and uncompromising. In an industry where success is dependent on measurement to within a micron precision, we've maintained unrivalled attention to detail from day one. We believe that quality goes to the heart of our blister tooling and while some call it pharmaceutical integrity, we call it advanced engineering solutions.



Vision Statement

To become a globally renowned engineering brand admired for our quality products, people and performance.



Mission Statement

To be the global leader in the design, manufacture and servicing of blister tooling and associated components to the pharmaceutical industry.

Table of Contents

Business Summary 01

Digital Inkjet Printing Solutions 03

R2R-C
Roll To Roll Printing Machine 05

ILPS-C
Digital In-Line Printing System 07

BPS-C
Digital Blister Printing System 09

Prodieco's Global Network 11

Points of Contact 14



Digital Inkjet Printing Solutions

Flexibility, Reliability and Cost Savings in Full Colour.

Prodieco proudly serves as an official representative of IN2 Printing Solutions, offering a range of cutting-edge digital inkjet printing solutions tailored specifically for the Life Sciences Industries. With our expertise and dedication to innovation, we provide customised printing capabilities on various materials such as paper, aluminium, Tyvek®, and more. Our comprehensive product lineup is designed to meet your unique printing needs, and our team of experts works closely with you to identify the perfect solution for your business.

Discover the Versatility of IN2 Printing Solutions:

- **Offline Reel to Reel (R2R) production equipment**
- **In-line equipment for packaging lines**
- **Blister film printing**
- **Label printing**
- **Direct package printing, Blank Blister**
- **Black print, additional spot colours, or full CMYK**

Thanks to advancements in control electronics, printheads, and UV-curable inks, inkjet technology has become a powerful tool that enables solutions previously deemed impossible. Its ease of integration and use allows for direct incorporation into production lines, offering flexibility in working with diverse materials and facilitating last-minute job personalization. With IN2 Printing Solutions, you can harness the cutting-edge capabilities of inkjet technology for unparalleled flexibility, efficiency, and speed in your printing needs.

Meeting Life Sciences Standards with Precision

The IN2 solutions are meticulously designed to meet the exacting standards of the Life Sciences Industry, combining advanced technology and robustness while adhering to the rigorous compliance requirements outlined in the CFR 21 Part 11 protocol.*



Printing Unit

- Utilizes inkjet technology
- Adapts printhead type and number to match material and application requirements
- Offers pre-treatment options such as corona, plasma, or others



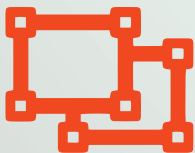
Mechanical Support Transport

- Provides in-line integrated systems
- Offers off-line complete printing systems (Roll to Roll)
- Includes options for vision inspection or feeding system



HMH Control Software

- Utilizes proprietary developed software
- Tailor-made for each application
- Optional integration with customer ERP



Design and Ripping Software

- Features proprietary developed software
- Tailor-made for each application
- Implements algorithms to deliver optimal results



*The CFR 21 Part 11 protocol refers to the regulations outlined by the U.S. Food and Drug Administration (FDA) in Title 21 of the Code of Federal Regulations (CFR), specifically Part 11. This protocol sets forth the criteria and guidelines for the use of electronic records and electronic signatures in the management of electronic records and signatures in industries regulated by the FDA, including the pharmaceutical industry. It defines the standards for electronic recordkeeping systems and ensures their integrity, authenticity, and reliability in compliance with FDA requirements.

R2R-C

Highly Adaptable and Cost-Efficient Digital Inkjet Printer

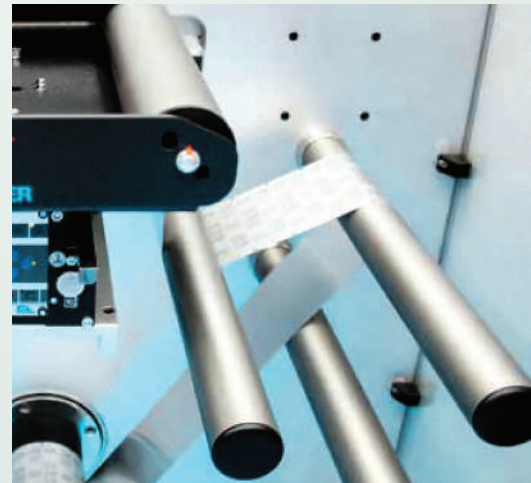
The R2R-C printer is a flexible and versatile solution that is tailored to meet your specific needs. With its Roll to Roll (R2R) capabilities, this printer offers significant time savings between the design and production stages. It enables full-colour printing on anonymous or pre-printed foil, providing you with enhanced versatility and efficiency.

Designed with the stringent requirements of GAMP pharmaceutical environments in mind, IN2 Printing Solutions (IN2PS) ensures a combination of cutting-edge technology and robustness, while adhering to the rigorous FDA CFR 21 Part 11 protocol.

Experience the adaptability, cost-efficiency, and superior performance of the R2R-C printer for all your digital inkjet printing needs.

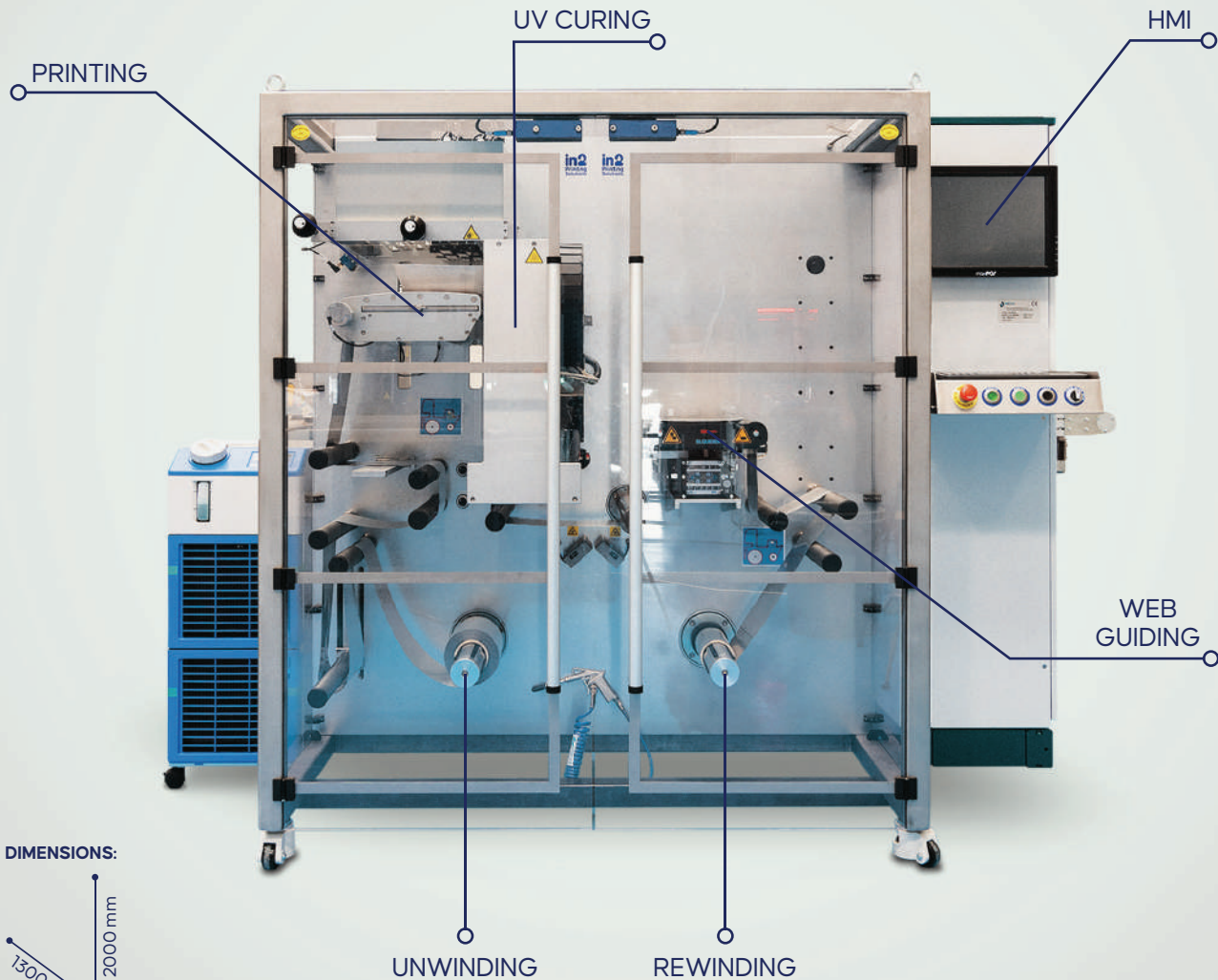
Key Features of the R2R-C Printer System:

- Supports CMYK and spot colours
- Utilizes proprietary design software
- Optional inspection system available
- Features a dynamic curing system
- Enables fast and easy maintenance
- Facilitates Just-in-Time production
- Suitable for internal production and small batches
- Reduces material stocks and costs
- Enhances productivity

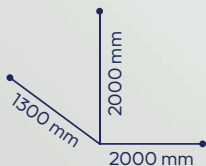


R2R-C | Roll To Roll Printing Machine

A Flexible System Adapted to your needs.



DIMENSIONS:



ILPS-C

Digital Inkjet In-Line Printing System

The ILPS-C In-Line Printing System is a flexible solution designed to work seamlessly with various types of lidding foils. Built with user-friendliness in mind, this machine is equipped with its own software that can easily integrate with blister lines, making it accessible even for non-expert users in the design area. The ILPS-C is compatible with all common aluminium lidding foil providers.

Thanks to the utilization of UV inks with excellent wettability and adhesion properties, our system ensures smooth sealing without any complications. To ensure precise and continuous motion for high-quality printing, we have incorporated a servo-driven unwinder and a set of dancing rollers that transform the blister machine's intermittent motion into a continuous flow. The ILPS-C also features backstop rollers that allow movement in only one direction, aligning with the line-pulling direction. With the ILPS-C, you can perform in-line printing of variable data on pre-printed foil or achieve full in-line printing of artwork and variable data in a single step.

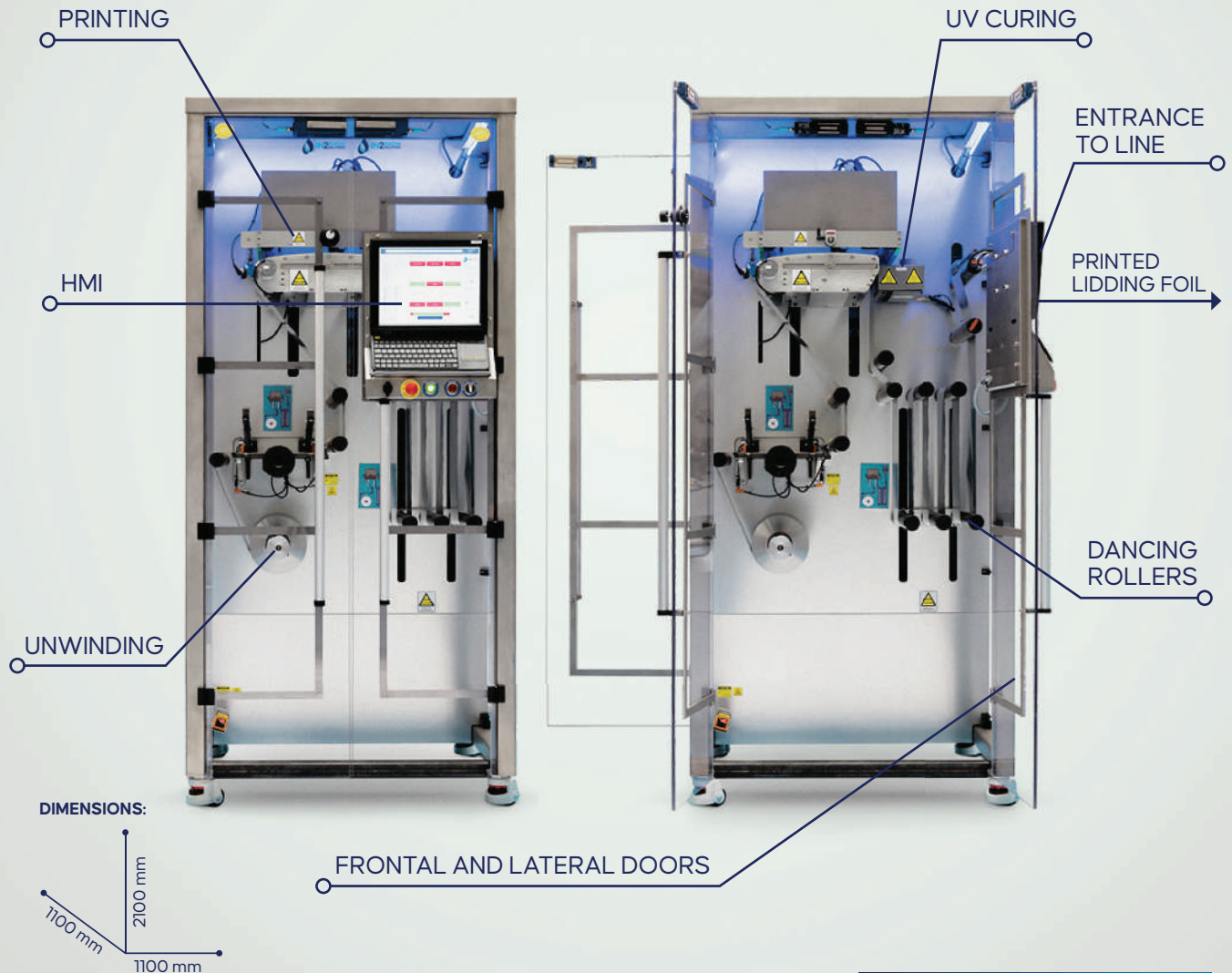
Key Features of the ILPS-C Printer System:

- Supports black or two spot colours
- Utilizes proprietary design software
- Optional tailored accessories available
- Enables fast and easy maintenance
- Facilitates Just-in-Time production
- Suitable for internal production and small batches
- Allows artwork and variable data printing
- Compatible with all common aluminium lidding foils
- No need for film pre-treatment



ILPS-C | Digital In-Line Printing System

A Flexible System Adapted to Working with Most Types of Lidding Foils



BPS-C

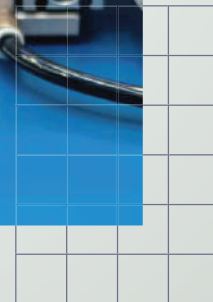
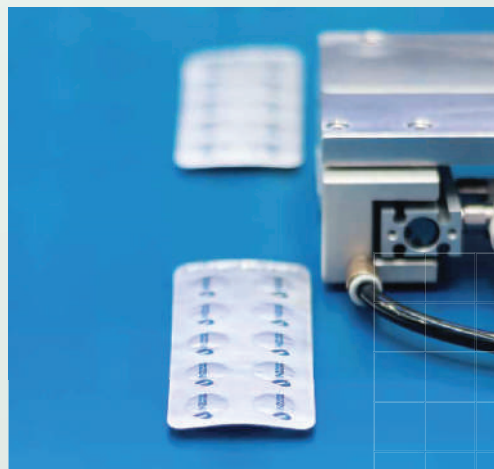
Digital Inkjet Blister Printing System

The BPS-C Blister Printing System is specifically designed to work with non-flat blisters, accommodating deformations caused by roller sealing without any impact on print quality. By projecting inkjet drops from a greater distance, our system ensures excellent results even on blister plates with varying profiles. Unlike traditional systems, the BPS-C does not require specific transport devices like vacuum or bucket belt conveyors. Thanks to the exceptional wettability and adhesion properties of our UV inks, the peaks, valleys, and design of sealing plates or rollers have no effect on printing performance.

Experience a groundbreaking advancement in blister printing with the BPS-C Blister Printing System. With the addition of the offline feeder system, even not-so-flat or bent blisters can now be printed with exceptional precision, offering unmatched versatility. Discover the extraordinary printing results and unparalleled flexibility offered by the BPS-C Blister Printing System.

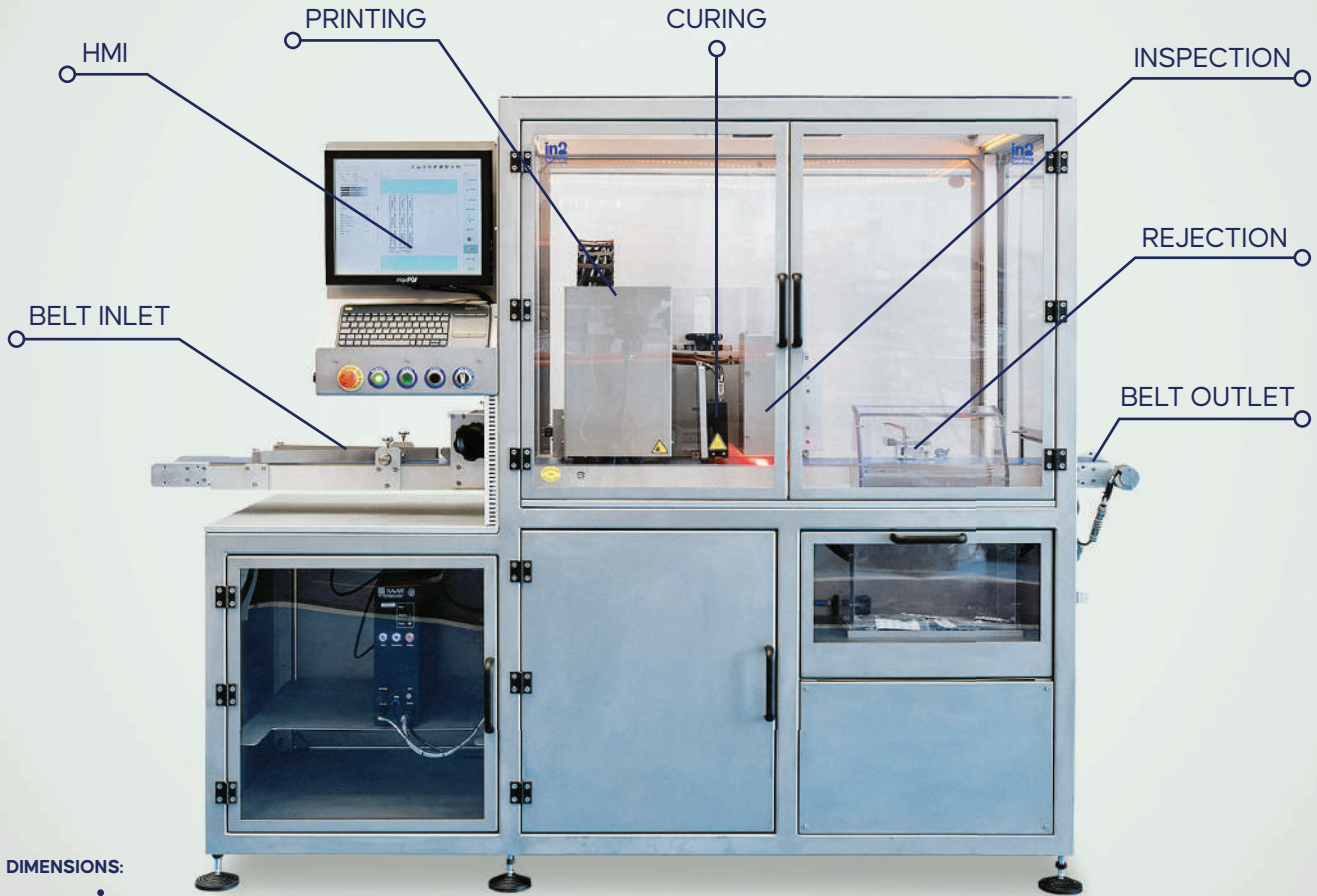
Key Features of the BPS-C Printer System:

- Supports black, spot colours, or CMYK printing
- Utilizes proprietary design software
- Optional inspection and rejection system
- Offers fast and easy maintenance
- Enables Just-in-Time production
- Suitable for internal production and small batches
- Accommodates curved blisters
- Does not require a vacuum or bucket belt conveyor
- Specifically designed for non-flat blisters

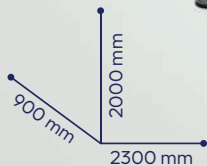


BPS-C | Digital Blister Printing System

A Flexible System Adapted to Working with Non-flat Blisters.



DIMENSIONS:



Across Borders, Beyond Expectations: Prodieco's Global Footprint of Quality and Precision

At Prodieco, we adopt a global mindset while maintaining a local focus. With 98% of our products and services exported to customers across over 55 countries, we extend our commitment to quality and precision on a global scale. Our dedicated sales representatives cover regions spanning West and East Europe, North, Central, and South America, Northern and Southern Africa, the Middle East, and South East Asia.

With a proven track record of excellence, we continuously strive for innovation. Our team of over 280 skilled employees is passionately dedicated to the design and manufacturing of blister format size parts and feeders for the Pharmaceutical industry.

Embrace the journey towards enhanced engineering solutions by partnering with Prodieco. Discover the power of our global presence as we deliver an unwavering commitment to quality and precision in every single detail.

Complete After-Sales Support

At Prodieco, we are dedicated to delivering exceptional customer service and designing flexible solutions tailored to your needs. What sets us apart is our commitment to providing complete support at every stage of the process, making us your trusted partner for all your blister tooling needs.

Our team of talented engineers offers comprehensive on-site support, including product installation, programming the complete blister line, and qualifying the blister format size parts. We understand the importance of knowledge transfer and training, and our engineers will stay on-site until these are successfully completed. Rest assured, we ensure that the solutions we provide are fully operational and functioning correctly before we leave the site.



**Prodieco Headquarters
Dublin, Ireland**

R&D, Manufacturing, Design, Testing Centres & Sales.



Explore the world of better engineering solutions with Prodieco. Experience comprehensive support from our dedicated global sales representatives. Contact us today at sales@prodieco.com to discover the full range of our offerings.



Discover The Future Of Advanced Engineering Solutions With Prodieco.



Blister Tooling Solutions of Unmatched Quality.



Fully Validated FAT Testing.



State-of-the-Art Research and Testing Facilities.



Complete Support from Expert Engineers.

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Points of Contact

Whether it is for a quote request, a general enquiry or product info, contact us today and our team will be happy to help.

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Our Partners



Efficiency,
Productivity
and Quick
Changeovers.



Flexibility,
Reliability and
Cost Savings
in Full Colour.

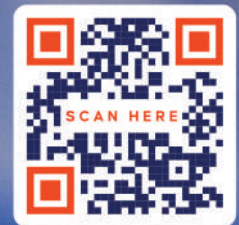


RBP BAUER DEBLISTERING.



Effortless
Retrieval of
Blister Packaging
Rejects.

There is always
a **Better way.**



Prodieco

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