

Coatema2go

#smallbutmighty
#everythingyouneed
#sizecounts



Empowering research and innovation

Coatema2go

The Genesis of Coatema2go: From the beginning to the perfect benchtop concept

Our story begins in the early 2000s, with the birth of the Easycoater. Back then, it was a simple concept – a basic tabletop coater with doctor blades, driven by a small motor. We showcased these units at exhibitions, demonstrating their potential to a curious audience.

One day, a customer at a fuel cell exhibition in Texas, captivated by the Easycoater's ingenuity, loaded it onto his pickup truck and drove it home. That moment sparked an idea, a vision that has driven Coatema ever since: **making advanced coating technology accessible.**

Over the years the Easycoater product line became bigger and more sophisticated and now it is time to have a new product line for our customers, which covers small scale table top systems under the new brand **Coatema2go.**

#story

Coatema2go

The vision of Coatema2go: Democratizing coating technology

Coatema2go is a new line of:

- compact, versatile tabletop coaters designed to empower research and innovation
- plug-and-play setups for rapid project initiation and streamlined workflows
- solutions, ideal for labs with limited space.

Coatema2go is more than just a product line. It's our commitment to versatile and challenging coating technologies. It's about empowering scientists to explore new materials, engineers to develop cutting-edge products, and innovators to bring their ideas to life – all from the convenience of their lab bench.

With Coatema2go, we're not just selling coaters; we're providing the tools to accelerate discovery and drive innovation.

#vision

Coatema2go

Key features



Compact & versatile tabletop design: Ideal for labs with limited space, Coatema2go offers a plug-and-play setup for rapid project initiation and streamlined workflows. This allows for quick experimentation and proof-of-concept work without requiring a large factory floor.



Precision coating with Coatema technology: Equipped with Coatema slot dies, doctor blades, and other high-quality components, Coatema2go ensures precise and consistent coating results, even at a small scale. This translates to high-quality samples and reliable data.



Seamless scalability from Lab to Fab (lab2lab): Coatema2go is designed as the entry point to Coatema's lab2fab philosophy. Users can easily transition from the tabletop coaters to larger systems like the Easycoater, Smartcoater, Basecoater and Click&Coat platform as their projects mature. This protects initial investment and facilitates smooth scale-up.

#key features

Coatema2go

Key features



Flexible process integration & advanced technologies: Coatema lab, pilot & production lines support a wide range of coating methods and substrates. It also offers the option to integrate advanced processes like LIFT, Inkjet, spatial ALD R2R, and laser drying, enabling cutting-edge research and development. This allows users to experiment with the latest techniques.



Comprehensive R&D support & expertise: Coatema provides robust support through its extensive R&D centre (with 8 pilot lines), specialized engineers, slot die masterclasses, international coating conferences, and simulation services. This gives users access to unparalleled expertise and resources.



Proven industry leadership & reliability: With over 40 years of experience in coating, printing, and laminating, Coatema has a global reputation for reliability, technical excellence, and customer-centric solutions. Coatema2go benefits from this legacy, providing users with a trusted and dependable platform.

#key features

Coatema2go

Layout features

- | | |
|---|--------------------|
| ① | Application system |
| ② | Slot die |
| ③ | Piston pump |
| ④ | A4 Vacuum table |

Technical data

650 x 647 x 420 mm (l · w · h)



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#smallbutmighty:

This compact tabletop system features a servo motor driven application station with an integrated piston pump. It's ideal for labs with limited space and offers a plug-and-play setup for quick experimentation and proof-of-concept work. Choose from different sizes of slot dies, doctor blades, and comma bars to achieve precise coating results on a variety of substrates. The A4 vacuum table and control unit with display provide everything you need for efficient and accurate coating.

#smallbutmighty

Coatema2go

Layout features

①	Application system
②	Slot die
③	Piston pump
④	Vacuum table
⑤	Dryer

Technical data

1050 x 647 x 420 mm (l · w · h)



#everythingyouneed

Coatema2go



#everythingyouneed:

This tabletop system includes an application station and dryer, with an A4 vacuum table that moves under the slot die and into the dryer for a complete coating and drying process.

The integrated piston pump and control display ensure precise fluid delivery and process control. A range of slot dies, doctor blades, and comma bars are available to suit your specific application needs.

#everythingyouneed

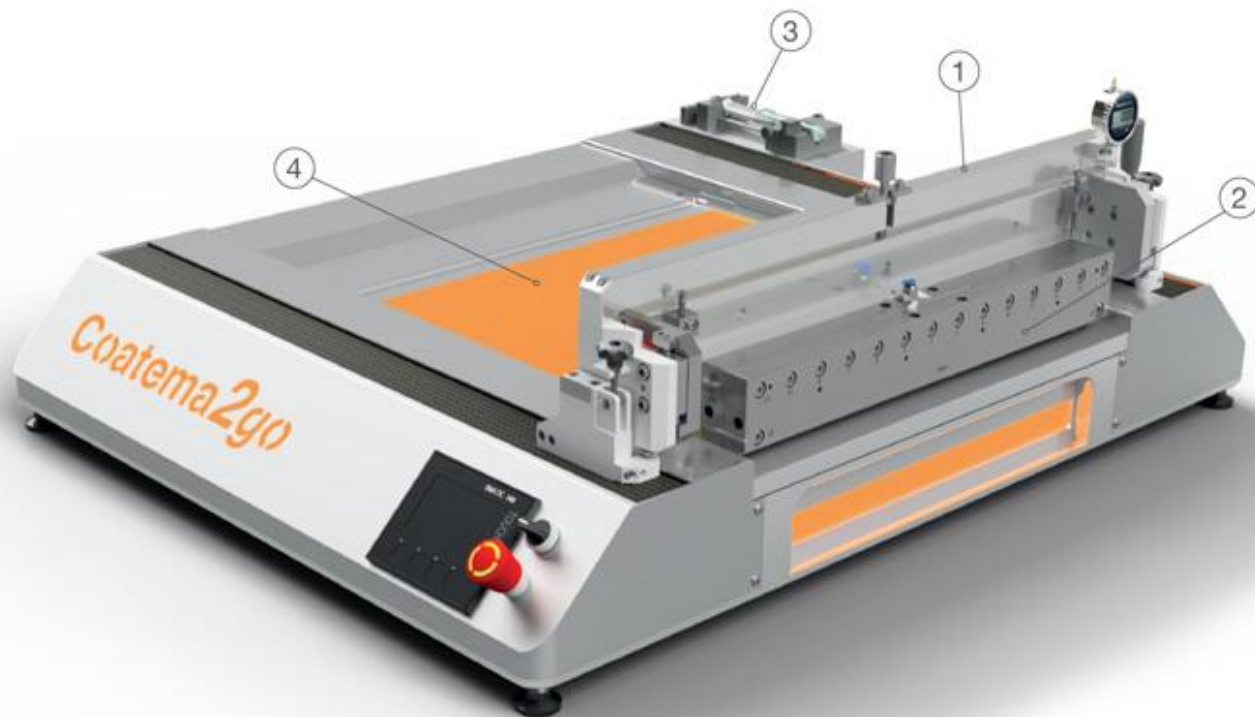
Coatema2go

Layout features

- | | |
|---|--------------------|
| ① | Application system |
| ② | Slot die |
| ③ | Piston pump |
| ④ | Vacuum table |

Technical data

850 x 1066 x 370 mm (l · w · h)



#sizecounts

Coatema2go



#sizecounts:

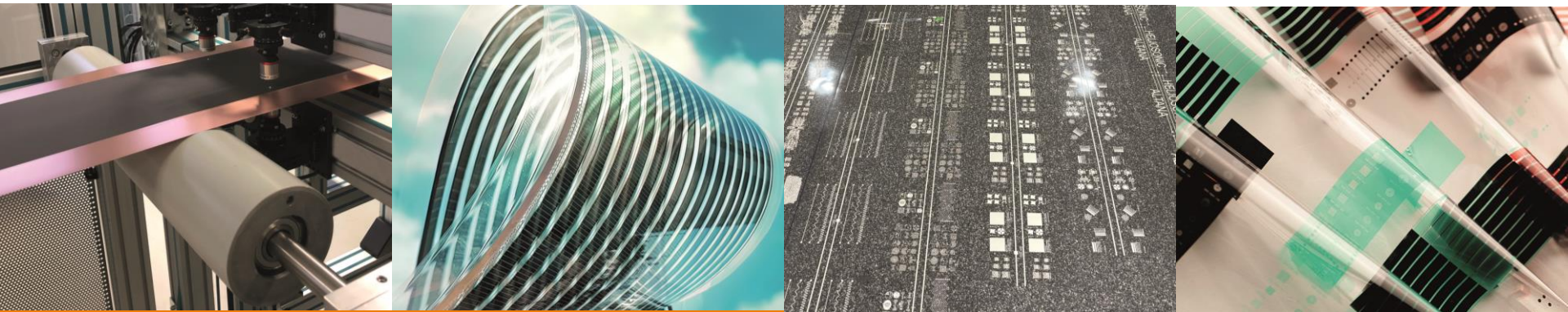
For those who require a larger working area, this unit offers a 500 mm working width while maintaining the same features and functionality as the smaller models. It's perfect for tabletop coating on a bigger scale.

#sizecounts

Coatema2go

Coating technology: A critical component of innovation

- Demands for precision, efficiency and adaptability are higher than ever
- Researchers need flexible tools for experimentation and development
- Industry professionals require scalable solutions (Lab2Fab) for production



#markets

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Markets



Batteries: Coatema's expertise in battery coating technologies, from electrode materials to separators, ensures precise and scalable solutions. Coatema2go enables rapid prototyping and optimization of battery components, accelerating advancements in energy storage.



Fuel cells: With experience in fuel cell component coatings, Coatema offers proven solutions for enhanced performance and durability. Coatema2go facilitates the development and testing of new fuel cell materials and coatings, driving innovation in clean energy.



Green hydrogen: Building on expertise in related fields, Coatema is ready to support the emerging green hydrogen market. Coatema2go systems offer a platform for developing and testing advanced coatings for electrolyzers and other critical components.



3rd generation PV (OPV and Perovskite): Coatema's experience in OPV and perovskite solar cell coatings enables efficient and precise thin film deposition. Coatema2go empowers researchers to optimize device performance and accelerate the commercialization of these next-generation PV technologies.



Flexible displays and OLEDs: Coatema's expertise in flexible display and OLED coatings ensures high-quality and reliable performance. Coatema2go allows for the development and testing of new materials and processes, advancing flexible display technology.



Medical and pharmaceuticals: Coatema's experience in pharmaceutical and medical device coatings meets stringent quality and regulatory requirements.



Printed electronics: Coatema's leadership in printed electronics coating and printing makes them a trusted partner for innovators. Coatema2go facilitates the development and testing of new printed electronic devices and sensors, driving advancements in this dynamic field.



Smart window films and smart housing: Coatema's expertise in smart window film coatings enables precise control over optical and functional properties. Coatema2go supports the development of innovative materials and coatings for smart homes and buildings, improving energy efficiency and comfort.



Wearables: Coatema's knowledge in printed electronics and flexible materials is ideal for the wearables market. Coatema2go enables the creation and testing of functional coatings and printed components for comfortable and high-performing wearable devices.



Energy harvesting: Coatema's experience in energy harvesting device coatings allows for precise deposition of functional materials. Coatema2go empowers researchers to optimize the performance of energy harvesting technologies, contributing to sustainable energy solutions.



Printed sensors: Coatema's expertise in printed sensor technology ensures accurate and reliable performance. Coatema2go supports the development of new and improved printed sensors for various applications, from environmental monitoring to healthcare.

#markets

Coatema2go

Enhance your research capabilities with our accessories

Coatema2go is designed to be a versatile platform for your research needs. To maximize its potential, we offer a range of high-precision accessories engineered to deliver exceptional performance and reliability.



#accessories

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Coatema Slot die

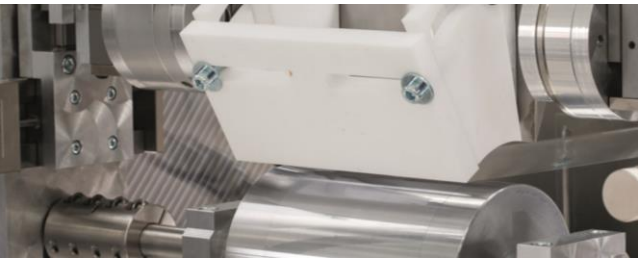
- 1. Product portfolio:** Available in 50 mm, 70 mm, 100 mm, 150 mm and 210 mm widths, our slot dies are manufactured to exacting tolerances, ensuring consistent coating quality and uniformity. Choose from a range of material options to suit your specific application.
- 2. Precision engineered:** We offer slot dies in A to AAA quality, guaranteeing the highest level of precision and performance for your most demanding research projects.
- 3. Add-ons:** Shims of varying thicknesses are available to fine-tune coating thickness. Custom materials can be provided upon request to accommodate unique chemical or processing requirements.
- 4. Expert support:** Optimize your slot die coating process with our comprehensive slot die coating masterclass. For advanced analysis, including contact angle and fluid behavior simulations, consult our R&D centre.
- 5. Versatile applications:** Our precision-engineered slot dies provide accurate deposition for research and industry in printed electronics, energy storage, pharmaceuticals, and functional coatings.

Fully customizable designs support both experimental work and scalable manufacturing, ensuring stability and reproducibility in the most demanding applications.

#accessories

Coatema2go

Coatema Doctor blade



1. **Precise metering:** Available in the same sizes as our slot dies, Coatema doctor blades provide accurate metering and control of coating thickness.
2. **Versatility:** Choose from 1 mm or 6 mm phases, different blade materials, and side scrapers to tailor the blade to your specific coating needs.

Coatema Comma bar

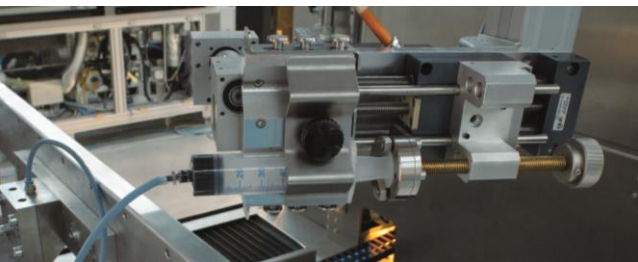


1. **Uniform coating:** Available in the same sizes as our slot dies, our comma bars ensure consistent and uniform coating across the substrate.
2. **Customization:** Select from a range of materials and side scrapers to optimize performance for your specific application.

#accessories

Coatema2go

Coatema Pumps



1. **Precision delivery:** Syringe pumps are available to ensure precise and consistent fluid delivery for all coating methods.
2. **Small amounts of inks:** Which fit exactly to the coated area can be supplied and the pistons and tubes can be easily and fast exchanged.
3. **Flexibility:** Piston pump integrated in #smallbutmighty #everythingyouneed #sizecounts system with option to add other syringe pump designs.

Coatema Services

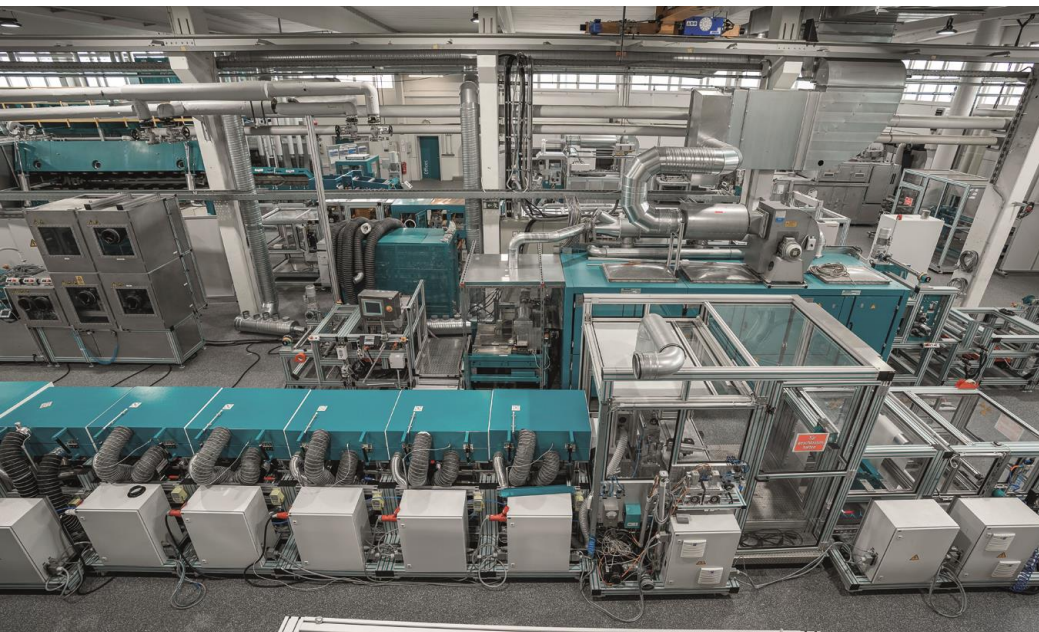


1. **R&D centre & testing:** Conduct trials, optimize processes, and validate coating performance with state-of-the-art analytical tools.
2. **Slot Die Coating Masterclass:** Gain expert knowledge on coating fundamentals, process optimization, and troubleshooting techniques.
3. **Custom training & development:** Tailored sessions for specific applications, from material selection to advanced coating strategies.

#accessories

Coatema2go

The Coatema R&D centre



Accelerate your innovation in our dedicated pilot facility with advanced lab & pilot lines and expert guidance – bridging the gap from #lab2fab.

Visit our R&D website:



#r&d centre



The Coatema international Coating Symposium



Join the global network of coating experts at our annual event, where cutting-edge developments meet industry collaboration for next-level innovation.

Visit our Symposium website:



#coating conference

Coatema2go

The Slot Die Coating Masterclass



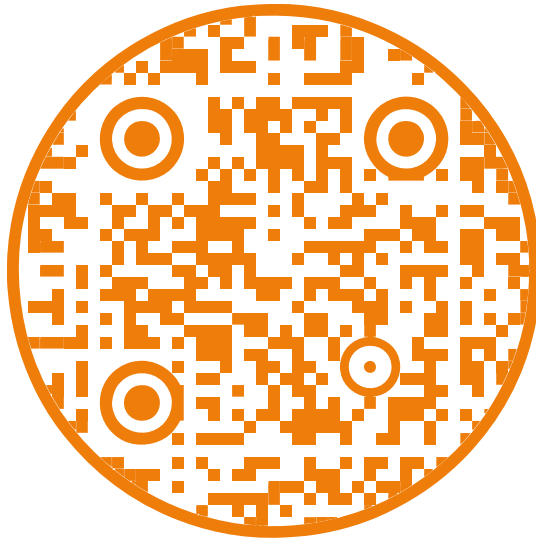
Master precision coating in our hands-on training program, led by industry specialists to optimize slot-die performance and product excellence.

Visit our Slot Die Coating Masterclass website:



#slot die masterclass

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