

Lab

Easycoater



Coatema Easycoater product brochure



Coatema Easycoater

Precise and versatile

The Coatema Easycoater III sets a new standard for precision sheet coating and printing. The Coatema EC is designed to produce samples, or low volume production output, of products ranging in dimensions from a few square centimeters to a square meter.

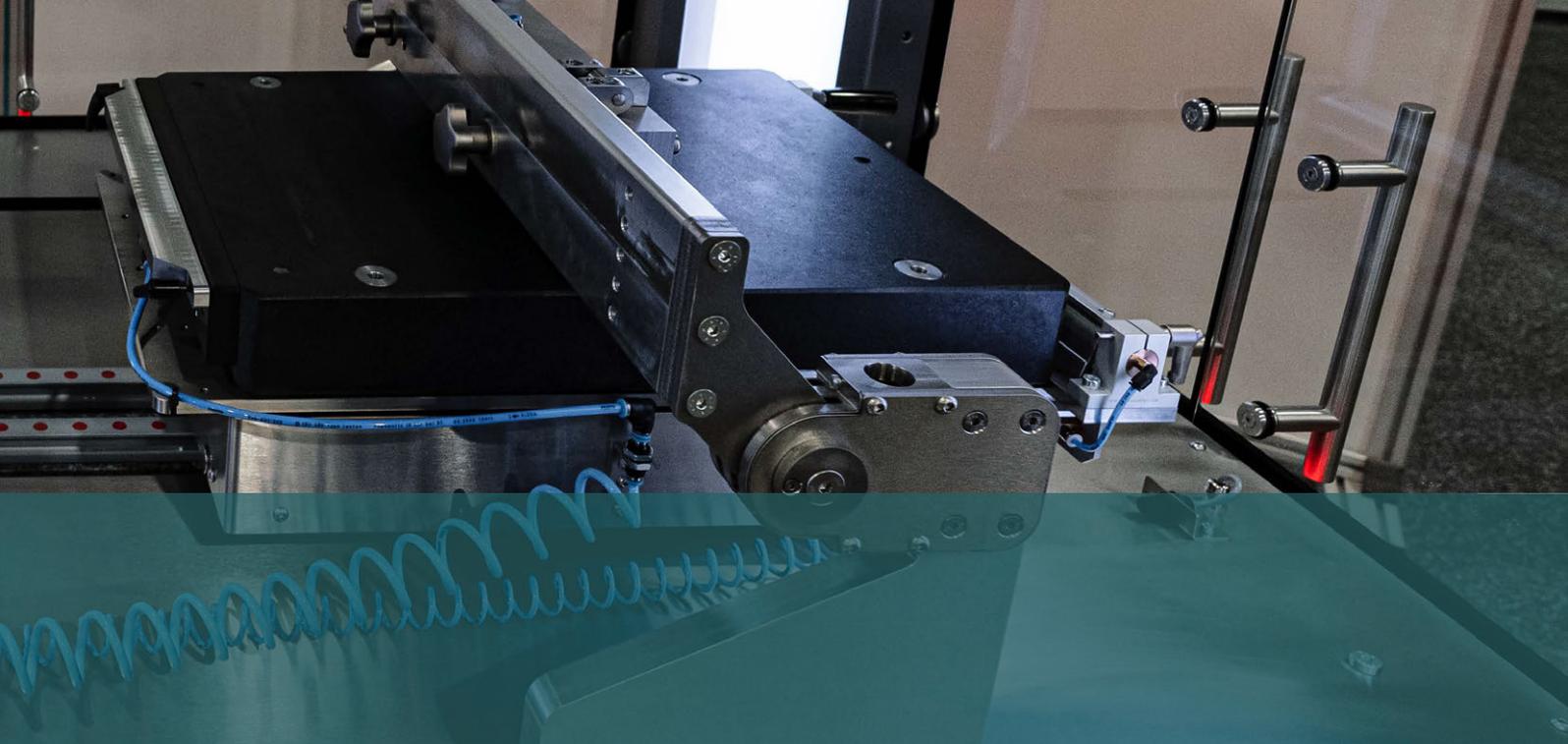
The primary design offers a blade over platen-table system with a slot die coating option. A flat screen printing function is included and an inkjet printing option is available.

The is designed to be the next-step, after handmade or bench-top sampling and can produce precise prototypes or finished products. The precision vacuum table is designed for the most demanding applications with the possibility of 1 % surface variance, depending on the substrate and application material.

All functional components are motor driven and the overall unit is built on a heavy-duty precision stone core for stability. Optional curing, drying and other post-application option include: heated air, UV crosslinking and NIR radiation; all controlled by a Siemens S7 system. A unique enclosure design makes every part of the EC easy to access. Solvent fumes are evacuated with an explosion proof exhaust system. Cleanroom versions and inert gas environments are available.



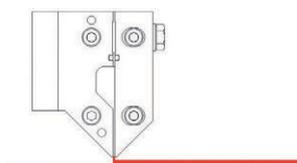
Motoric movement table and application system motor driven



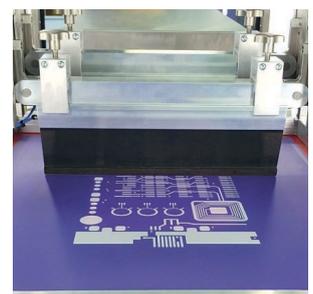
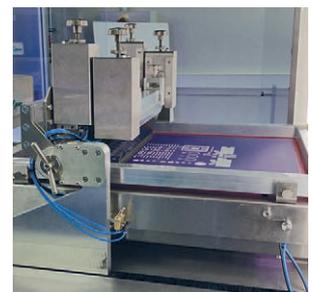
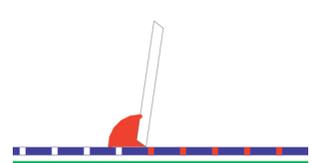
Application systems



Doctor blade coating



Slot die coating

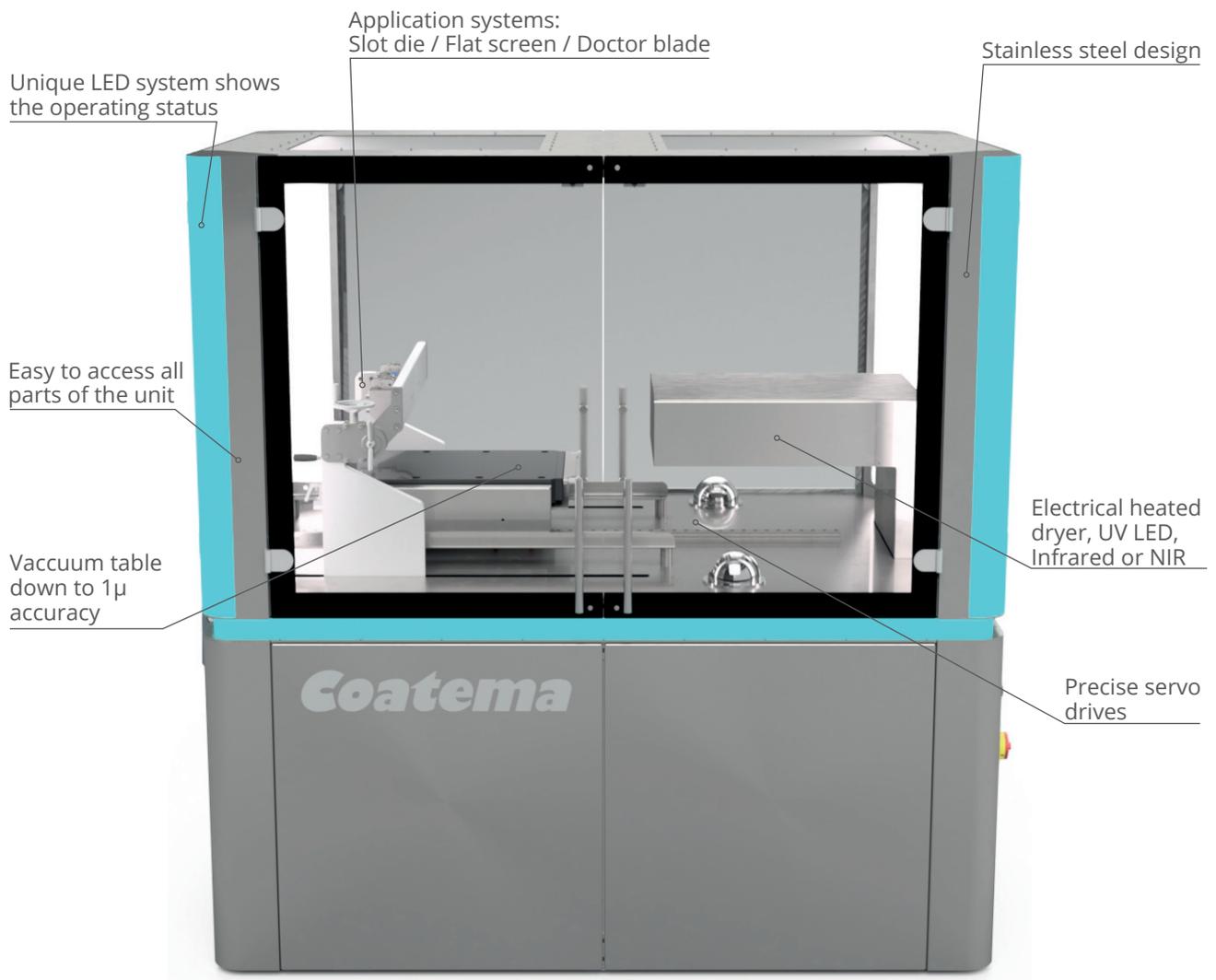


Screen printing

Coating, printing & drying in one machine/system



Overview of product features & options



Quick results

Benefits

The Coatema Easycoater is over 20 years present in the market of S2S coaters and the new version has added functionalities. The Easycoater in the basic configuration can be equipped with slot die, doctor blade and flat screen printing and an electrical heated dryer. In different upgrade configurations engraved roller printing, flexo printing, lamination, IR /NIR and UV LED can be added.

We provide custom made solution systems which are equipped systems for markets like fuel cells, batteries and flexible display.

The Easycoater is automated with each step motorized and is designed for high precision and achieving quick results.

Here are a few benefits of the Easycoater approach:

- ✓ The Coatema Easycoater has been an industry standard for more than 20 years
- ✓ The Easycoater is designed for new markets such as printed electronics, medical applications, batteries, renewable energy and flexible displays
- ✓ A compact coater and printer combined
- ✓ Automated and motor driven application systems
- ✓ Minimal materials required
- ✓ 3 different platforms available



Coatema R&D solutions

At Coatema Coating Machinery GmbH in Dormagen, Germany you have the possibility to work in the world's largest versatile R&D centre for coating, printing and laminating.

- ✓ Equipped with several pilot coater and printer, a production line and a Click&Coat™ system
- ✓ Working widths from 100 mm up to 800 mm
- ✓ Experienced technical and executive staff, well equipped chemical labs & meeting rooms
- ✓ Will help analyze your needs and measure results before, during and after process trials

If you like to run trials please contact: sales@coatema.de or call: +49 21 33 97 84 - 0



Research & development centre at Coatema