

Pilot

Basecoater



Coatema Basecoater

product brochure

Coatema Basecoater

Versatility in pilot production

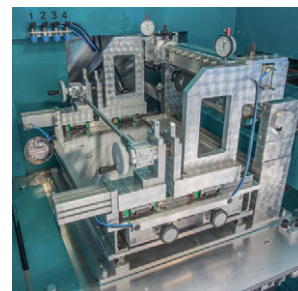
With the further development of the Basecoater product line Coatema is able to deliver a premium, multifunctional and highly precision system for high-tech markets like Printed Electronics, Batteries and Fuel Cells.

The Basecoater pilot line can be equipped with a nearly unlimited number of application systems, web pretreatment and cleaning systems, laser patterning, nanoimprinting and the latest state-of-the-art curing and drying systems.

The lamination of encapsulation lms and pick and place processes can be added and everything put under nitrogen atmosphere and, if needed, fully clean room compatible.



Contact cleaning bath system



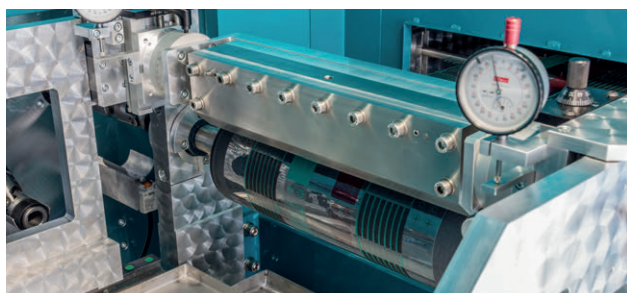
Slot die module on trolley system



Corona station



Infrared dryer



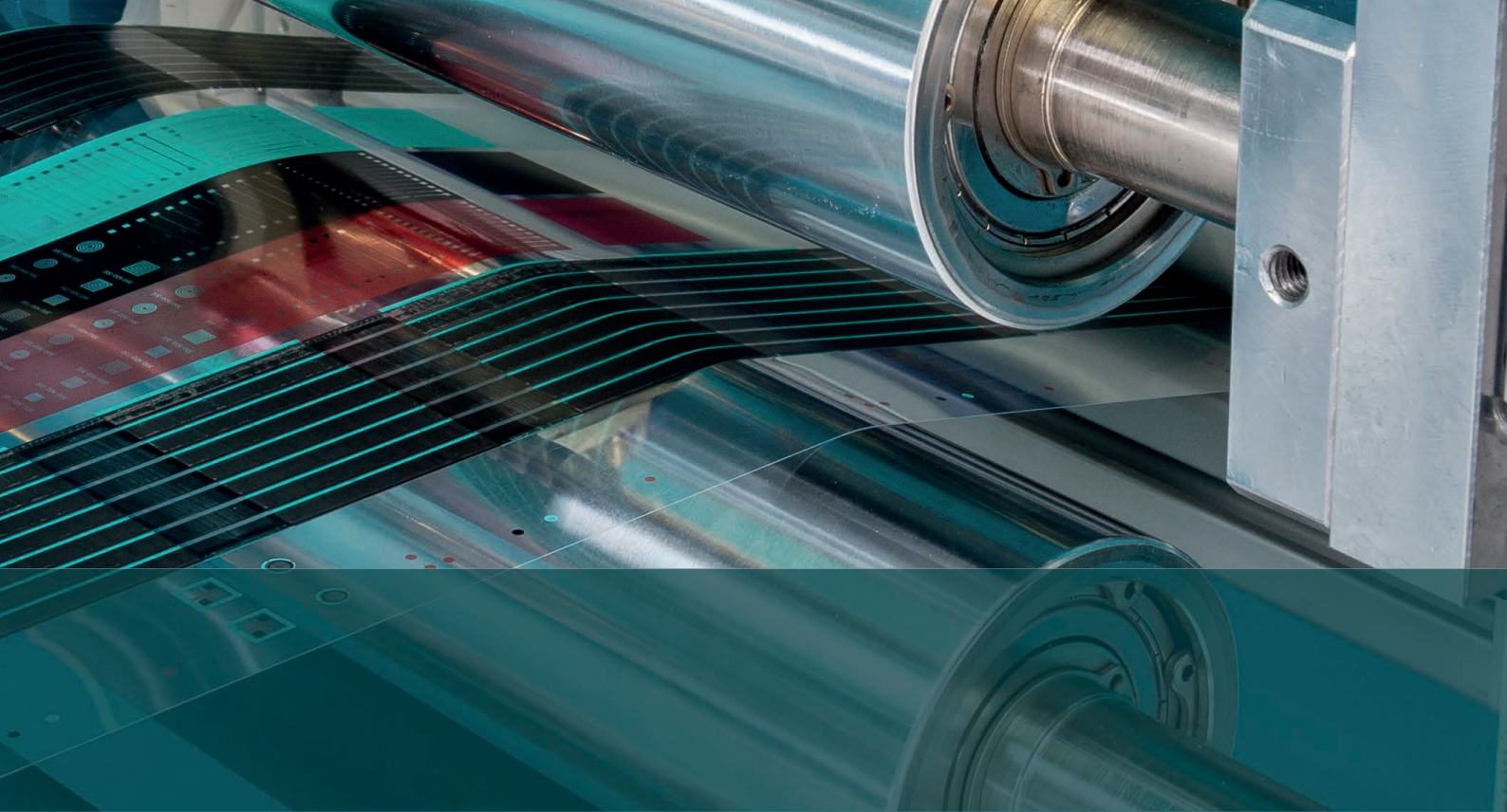
Slot die module on trolley system



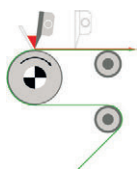
Edge sealing system



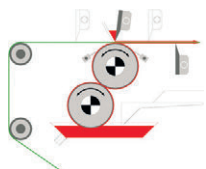
Cutting system



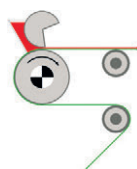
Can be equipped with all application systems



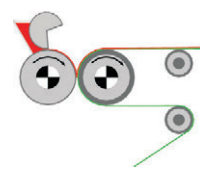
Knife system



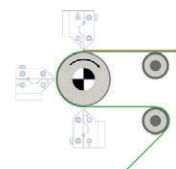
Double side coating system



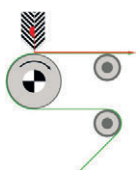
Commabar system



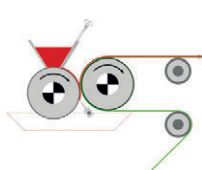
Reverse commabar system



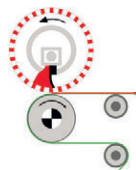
Slot die system



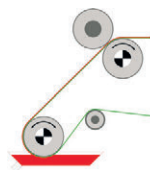
Curtain coating system



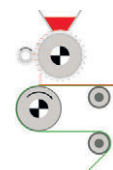
Case knife system



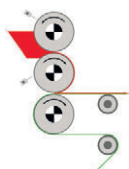
Rotary screen system



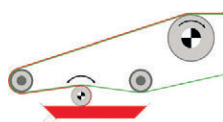
Dipping system (Foulard)



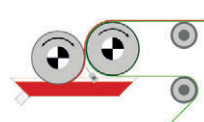
Powder scattering system



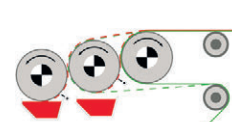
Reverse roll coating system



Micro roller coating system



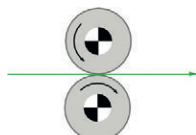
2-roller coating system



3-roller combi coating system



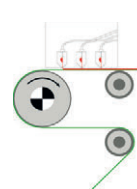
5-roller coating system



Hot embossing system



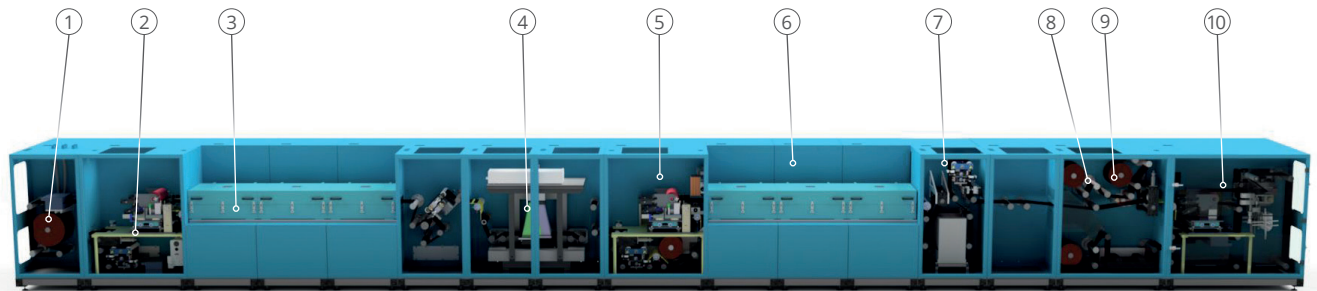
Nanoimprint system



Inkjet system

... and many more

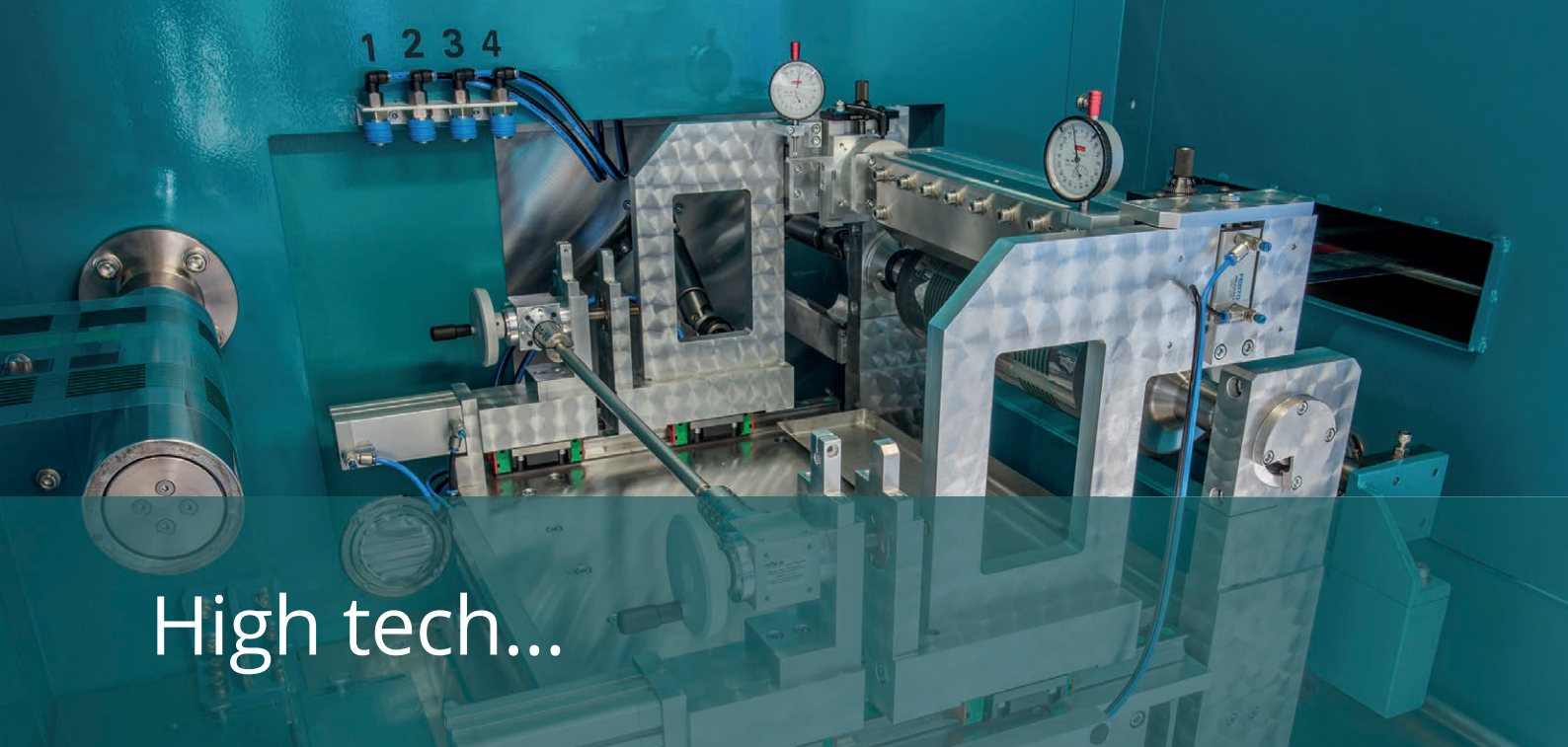
Basecoater



LAYOUT FEATURES (as shown in drawing above)

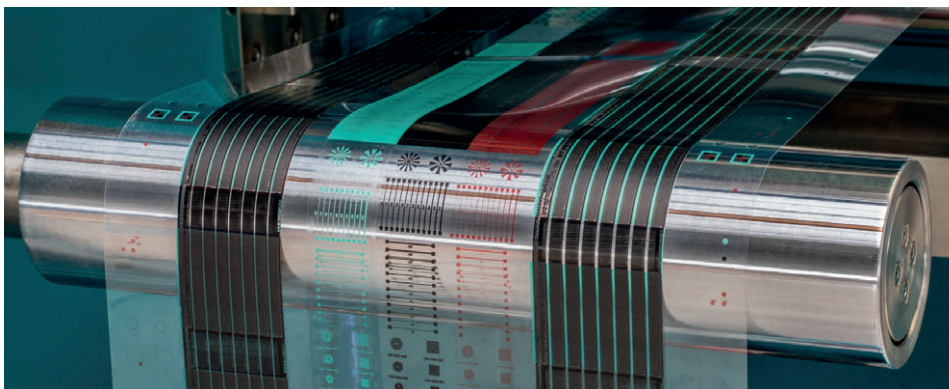
- | | | | |
|---------------------------|----------------|----------------------------------|----------------------|
| ① Unwinder & Delamination | ④ Laser | ⑦ Bath | ⑩ UV unit / Rewinder |
| ② Coating unit | ⑤ Coating unit | ⑧ UV unit | |
| ③ Dryer unit (500 mm) | ⑥ Dryer | ⑨ Edge sealing unit / Lamination | |





High tech...

...for pilot production



Guiding roller

Here are a few benefits of the Basecoater approach:

- ✓ Modular coating / printing systems
- ✓ High resolution and registration accuracy
- ✓ Near to production layouts
- ✓ State-of-the-art curing, drying and crosslinking
- ✓ Nanoimprint, laser, inkjet and lithography moduls available
- ✓ Nitrogen environment as opt
- ✓ Clean room compatible



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