



# Coating, Printing and Laminating for Printed Electronics



One stop shop solution

## Coatema Coating Machinery – The one stop solution from lab2fab\*

Coatema offers lab, pilot and production equipment for coating, printing and laminating processes in roll-to-roll and sheet-to-sheet applications. Coatema is part of ATH Holding in Hamburg, Germany, with over 40 years' experience in markets like renewable energy, printed and flexible electronics, medical, pharmaceuticals, membranes, prepreg and textiles.

Coatema specializes in scalable tools (laboratory to fabrication\*) and has a world class R&D centre with many lab and pilot lines and tools. Coatema's R&D and technical centre in Dormagen, Germany, is staffed by a team of researchers and engineers with access to a global network of industry focused partners. This includes dedicated organizations, universities and business partners in advanced coating, printing and laminating technologies.

Coatema continues to push the boundaries for the „next thing“ in coating, printing and laminating; like UV-nanoimprint and nano-inkjet technologies. From lab2fab Coatema is a recognized international leader in finding solutions for new and established markets. Can we be of service to you?



## Research & development centre at Coatema

The world's most versatile R&D centre for coating, printing & laminating.

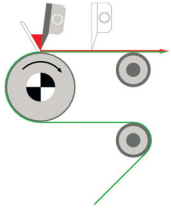
- ✓ Lab rental
- ✓ Product development
- ✓ Process development
- ✓ Qualified personnel
- ✓ Laboratories
- ✓ Testing facilities

Develop your  
products with us!

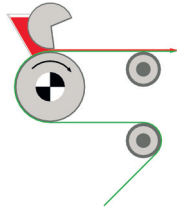




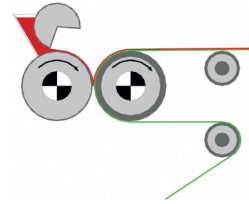
# Coating systems



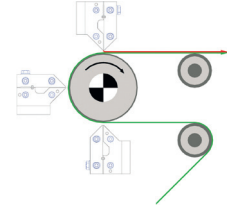
Knife system



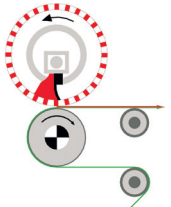
Commabar system



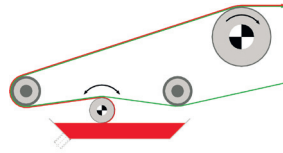
Reverse commabar system



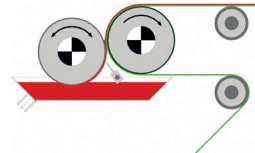
Slot die system



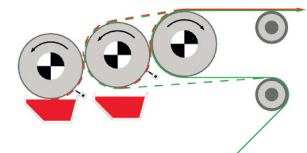
Rotary screen system



Micro roller coating system

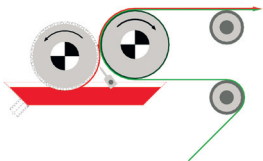


2-roller coating system

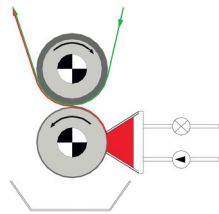


3-roller combi coating system

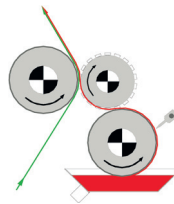
# Printing systems



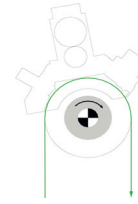
Engraved roller system



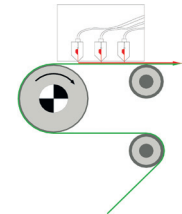
Gravure roller system



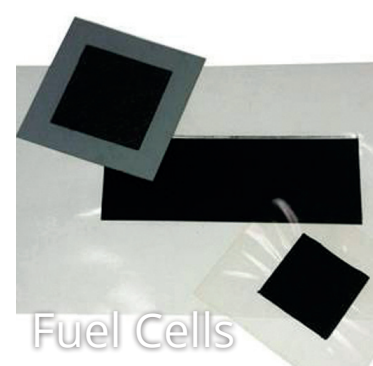
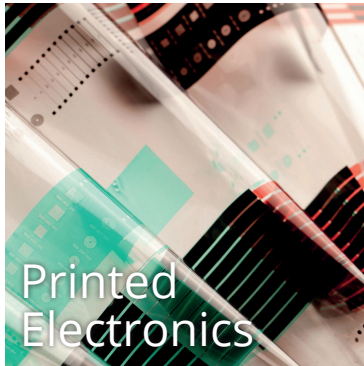
Flexography system



Nanoimprint system



Inkjet system



## Equipment for

Coating

Printing

Laminating

Surface  
treatment

Nano-  
imprinting

Photo-  
lithography

Winding

Encapsulation

Pick & place

Lab



Test Solutions



Test Solution roll-to-roll



Easycoater



Smartcoater

Pilot



Click&Coat™



Smartcoater

## Production



## Custom made



## Production lines



## Basecoater 3<sup>rd</sup> Generation