



Coatema – The Easycoater

Overview

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Easycoater

Options &
specifications

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Introduction

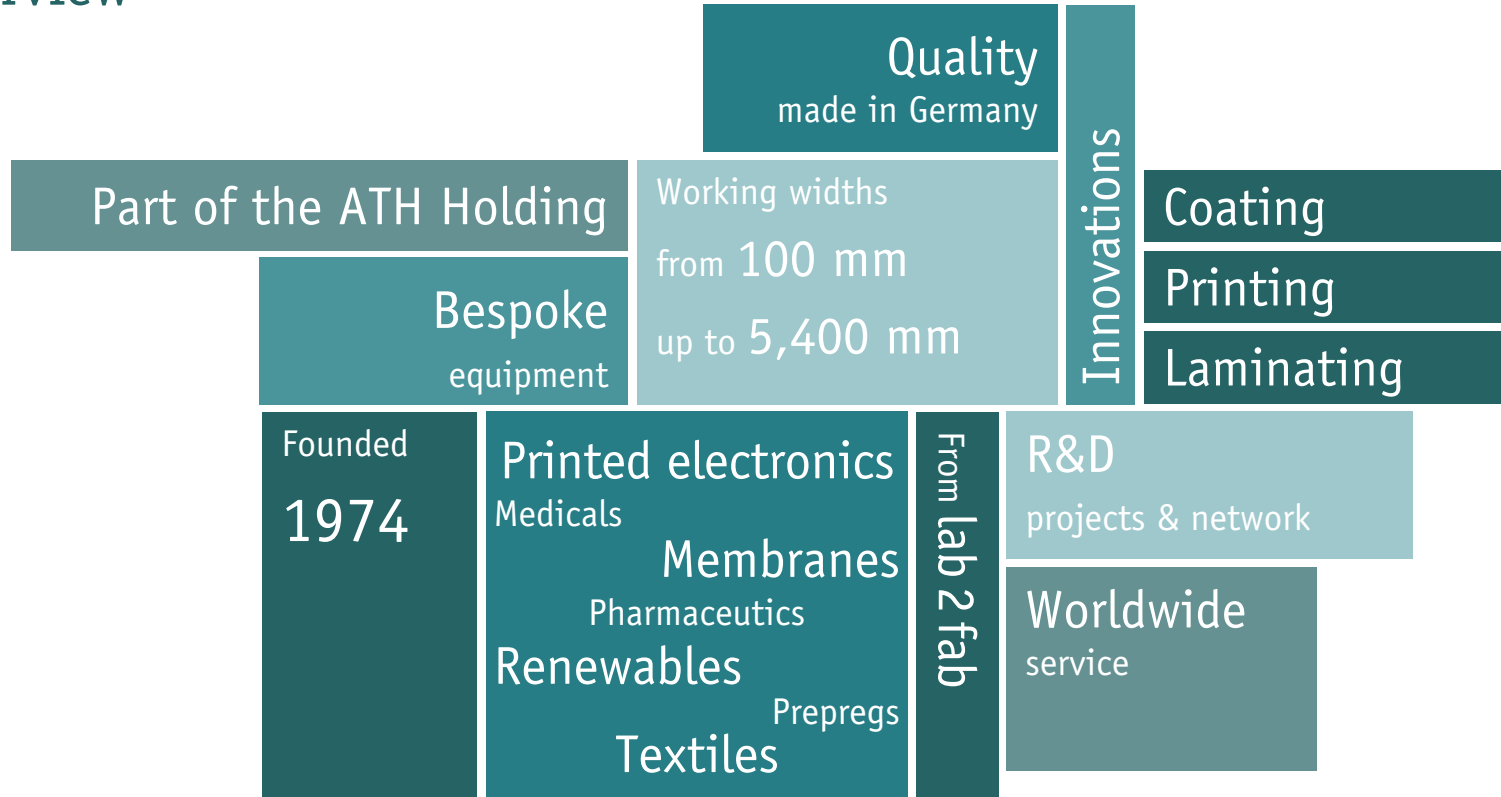
Easycoater

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Group of companies



- ✓ Founded 1903
- ✓ Approx. 200 employees
- ✓ Located in Hamburg



- ✓ Founded 1995
- ✓ Approx. 50 employees
- ✓ Located in Norderstedt



- ✓ Founded 1974
- ✓ Approx. 50 employees
- ✓ Located in Dormagen



- ✓ Founded 1919
- ✓ Approx. 140 employees
- ✓ Located in Hamburg

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Overview of product features & options for the Easycoater



LAYOUT FEATURES (as shown in drawing)

1	Unique LED system shows the operating status
2	Easy to access all parts of the unit
3	Application systems slot die/inkjet/roatri screen/doctor blade
4	Vaccuum table down to 1μ accuracy
5	Electrical heated dryer, UV LED, infrared or NIR
6	Precise servo drives

Overview



Coating systems

- ✓ Slot die
- ✓ Doctor blade

Printing system

- ✓ Screen printing
- ✓ Inkjet

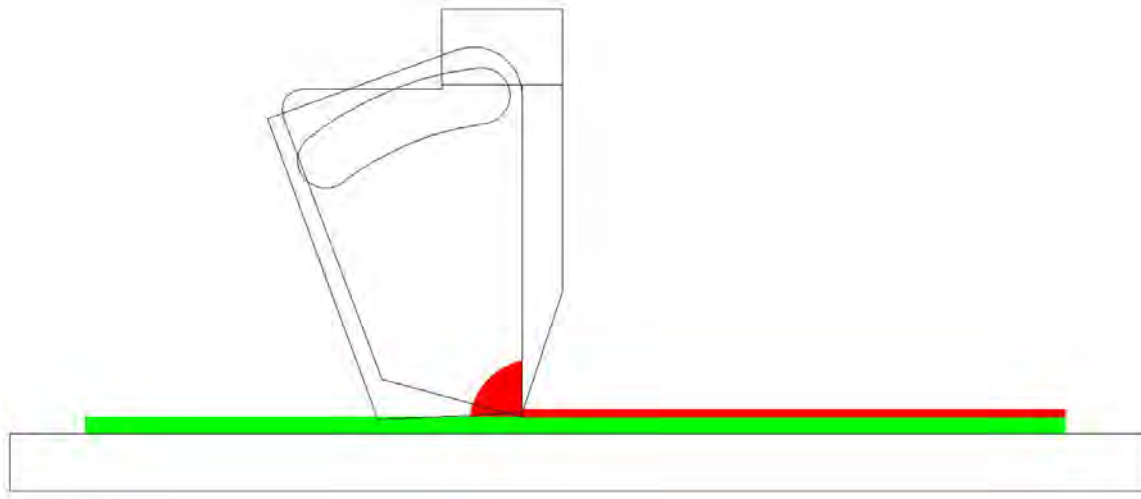
Substrate fixation

- ✓ Glass
- ✓ High precision vacuum
- ✓ Standard precision vacuum

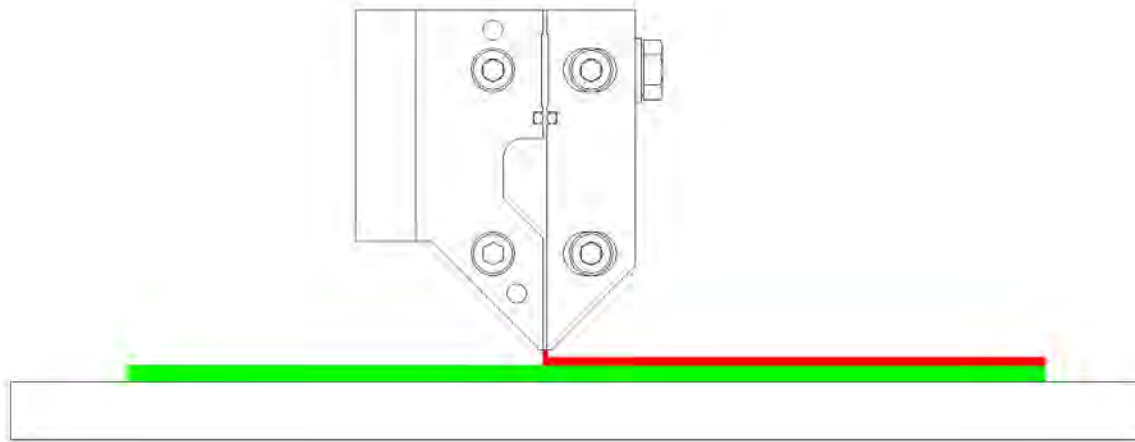
Heating / crosslinking

- ✓ Heated air
- ✓ Infrared
- ✓ UV

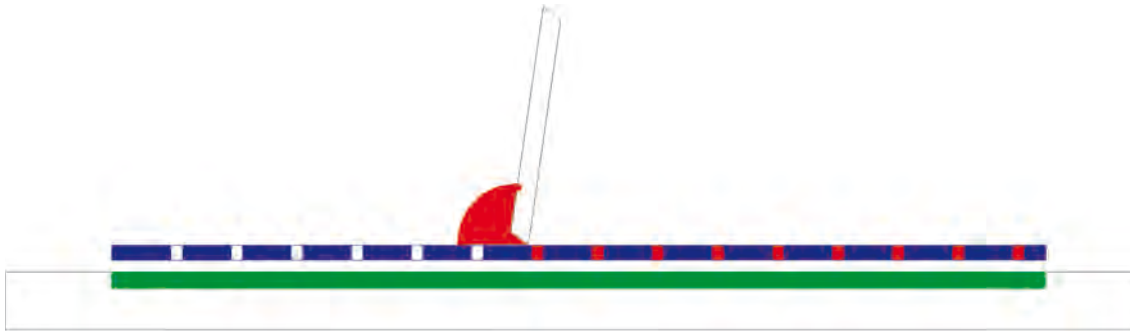
Application system – doctor blade



Application system – slot die



Application system – screen printing



Slot die



Slot die and dryer



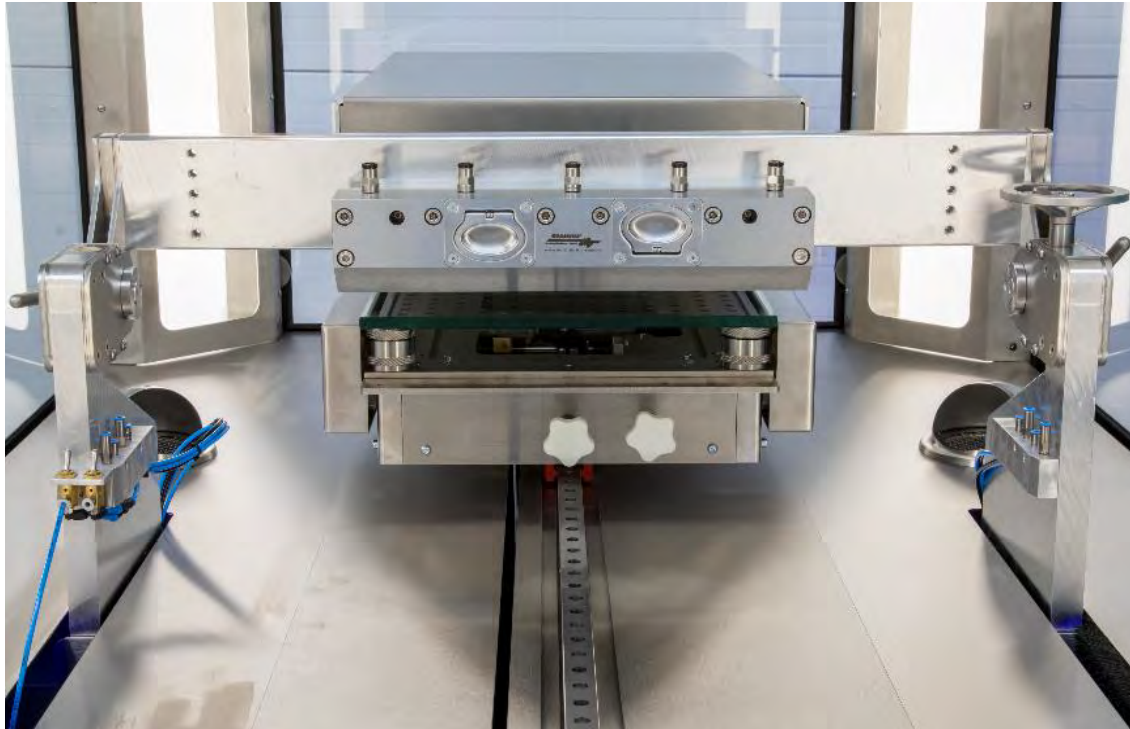
Slot die and vacuum table



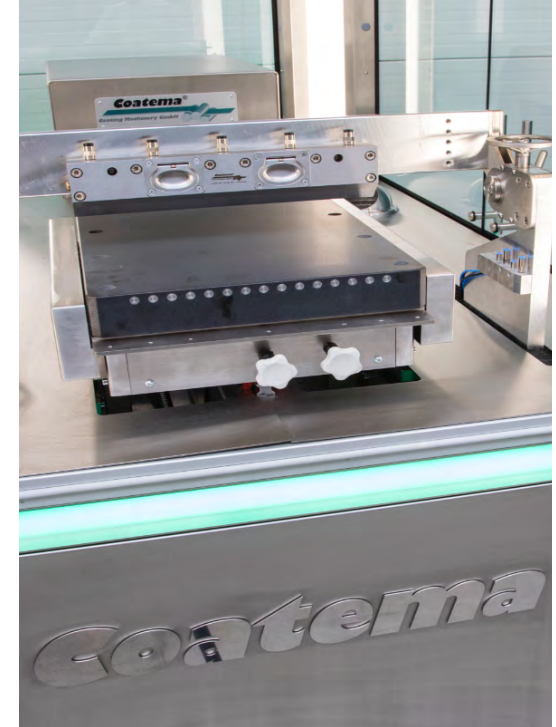
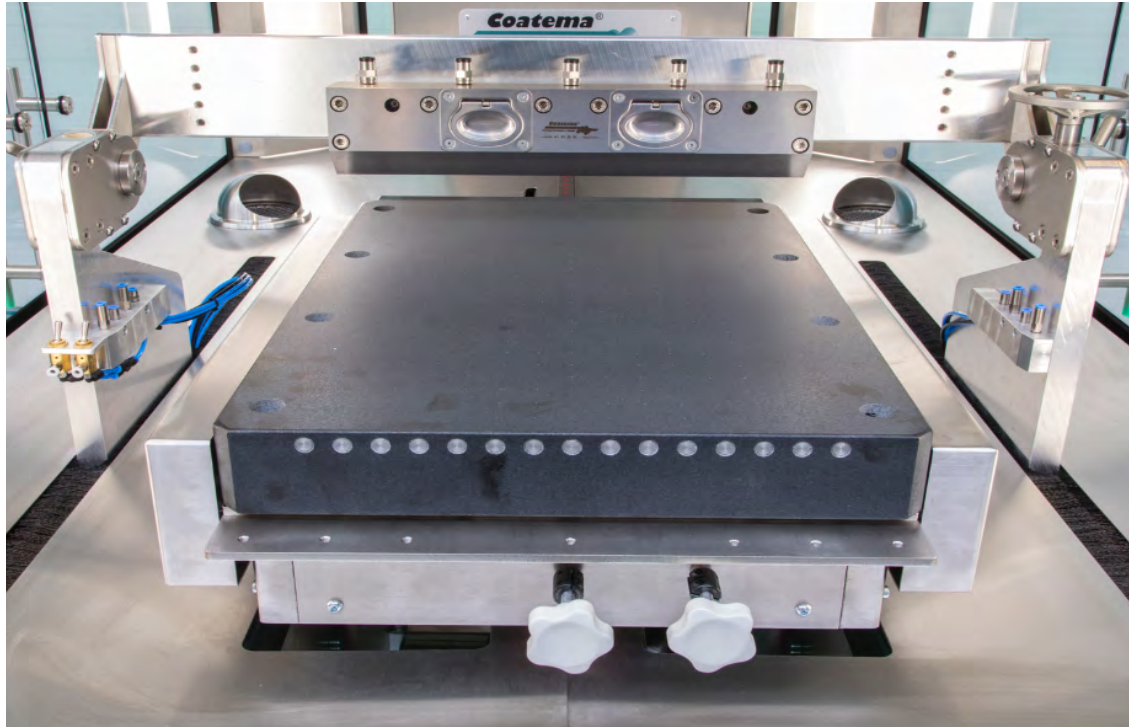
Slot die and vacuum table



Slot die and vacuum table



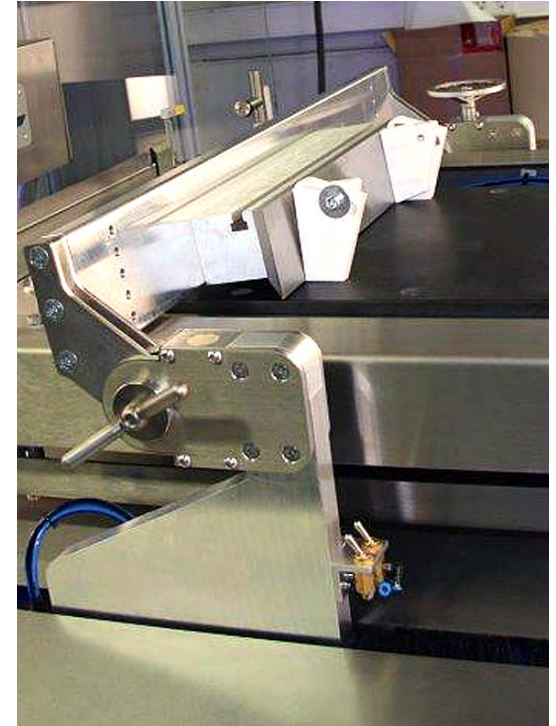
Slot die and vacuum table



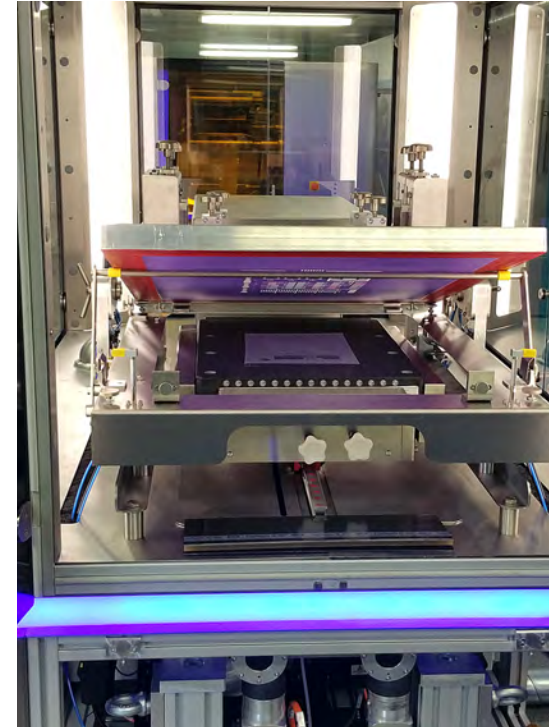
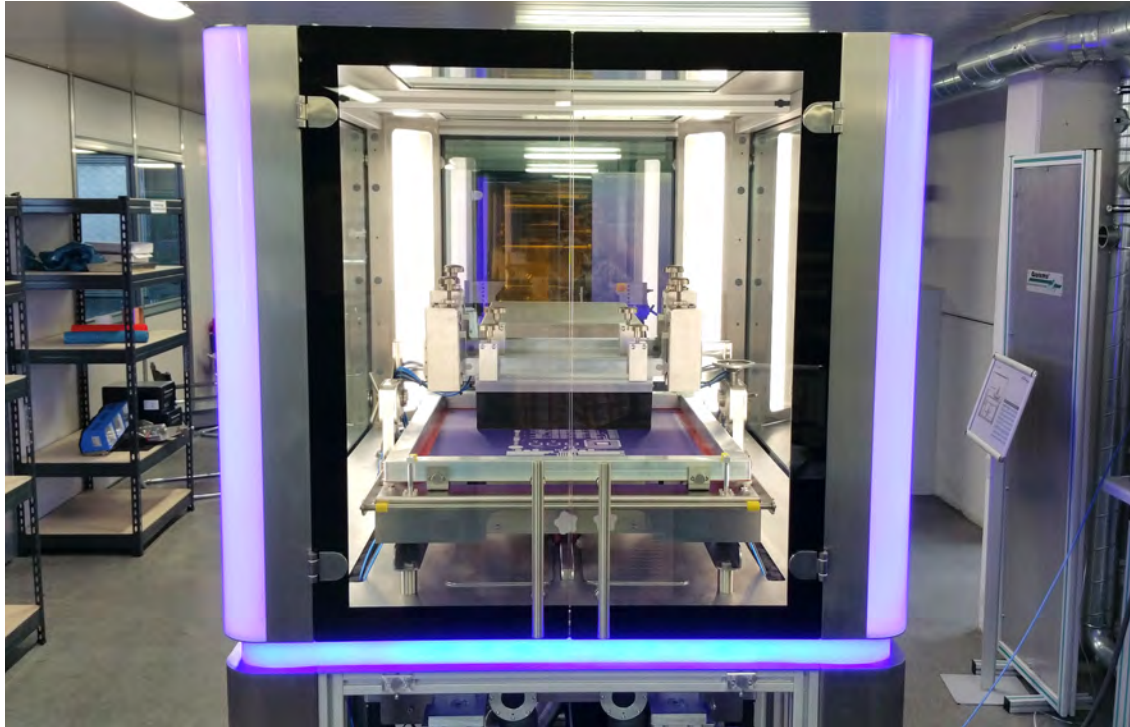
Doctor blade



Doctor blade



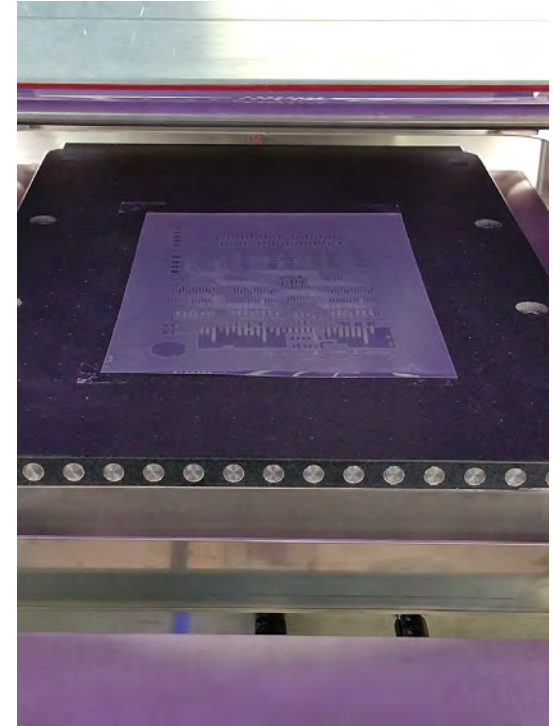
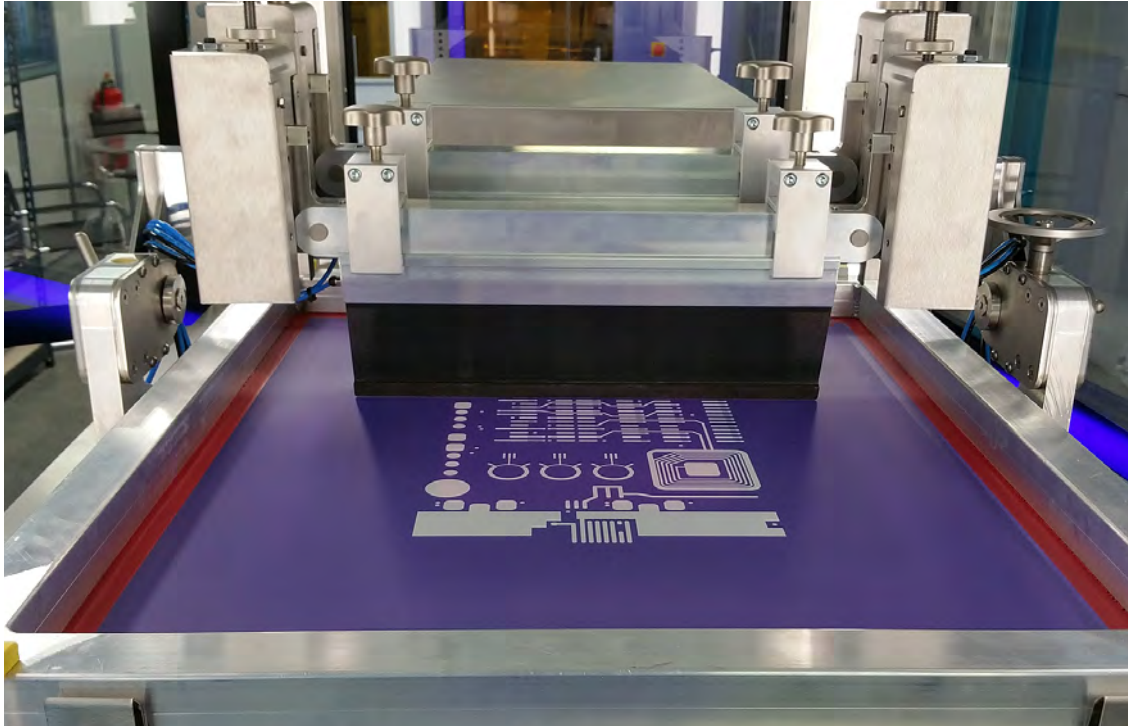
Flat screen printing



Flat screen printing



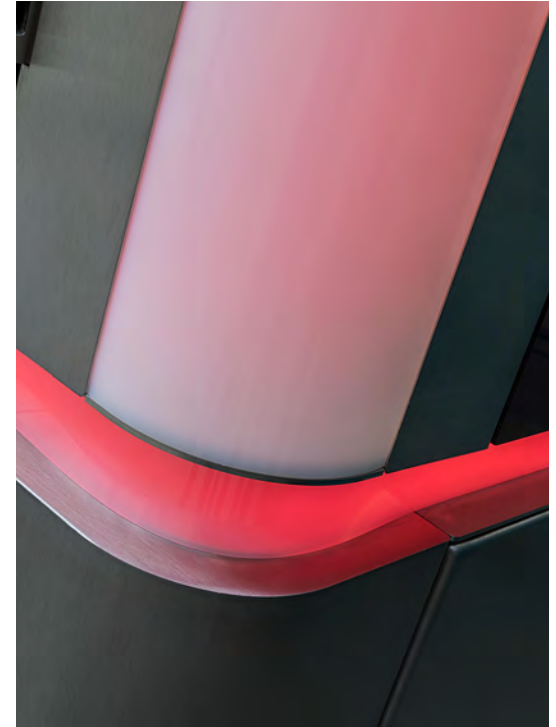
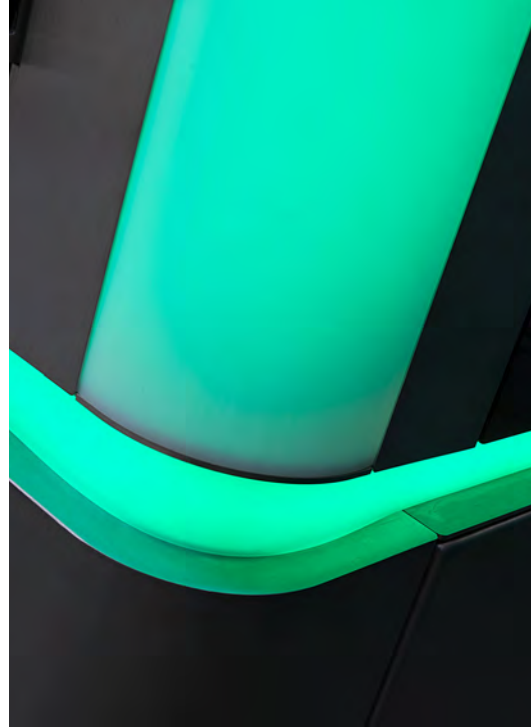
Flat screen printing



Easycoater – easy to use



Options & specifications



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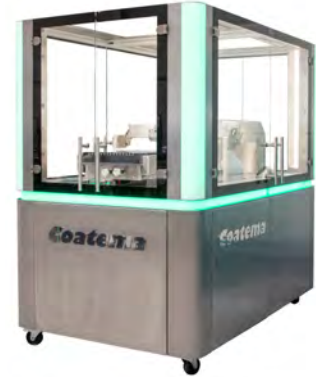
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specifications
Options &

Specifications



Knife

Vacuum
table

Inkjet

Slot die

Screen

Integrated
heating

Technical specifications in detail

Coating + printing options

- ✓ Slot die
- ✓ Doctor blade
- ✓ Screen printing
- ✓ Inkjet printing

Operating options

- ✓ Siemens S7 mobil PLC
- ✓ Remote service modem

Dimensions for A4 table size

- ✓ 1,920 x 1,220 x 1,920 mm (LxWxH)

Dryer

- ✓ Hot air standard – UV & IR optional
- ✓ Machine function indicators
- ✓ High-visibility LED display

Machine Base

- ✓ Stainless steel frame
- ✓ Granite core with 1.5μ surface precision
- ✓ G0 / Schneeberger linear guideways

Vacuum table

- ✓ Vacuum table made of granite with 1μ surface precision
- ✓ Vacuum holes 0.9 mm in diameter
- ✓ Vacuum holes 20x20 raster array
- ✓ Vacuum table adjustable in X-Y direction
- ✓ Available in A3, A2 size and custom made size

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The customer benefits

- ✓ The Coatema Easycoater has been an industry standard for more than 20 years
- ✓ The Easycoater III version 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 amount of materials required

Do not hesitate to contact us!



The Easycoater is part of the Coatema lab and pilot line platform strategy.

Our R&D centre is worldwide the most versatile centre for coating, printing and laminating.

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Thank you



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