



***Coatema***

## **Coatema Easycoater**

03/05/2023

MEMBER OF ATH

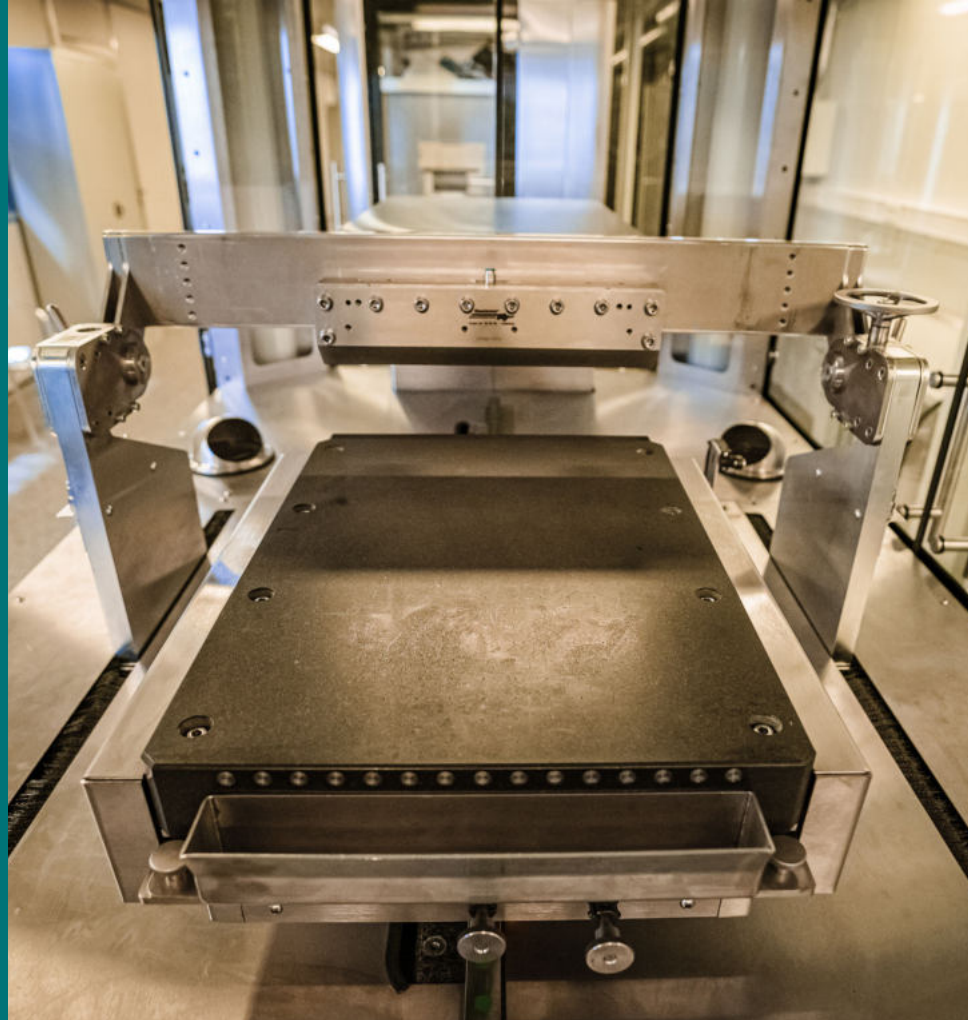
# Agenda

1. Introduction
2. Coatema Easycoater
3. Easycoater custom made
4. Options & specifications
5. Summary

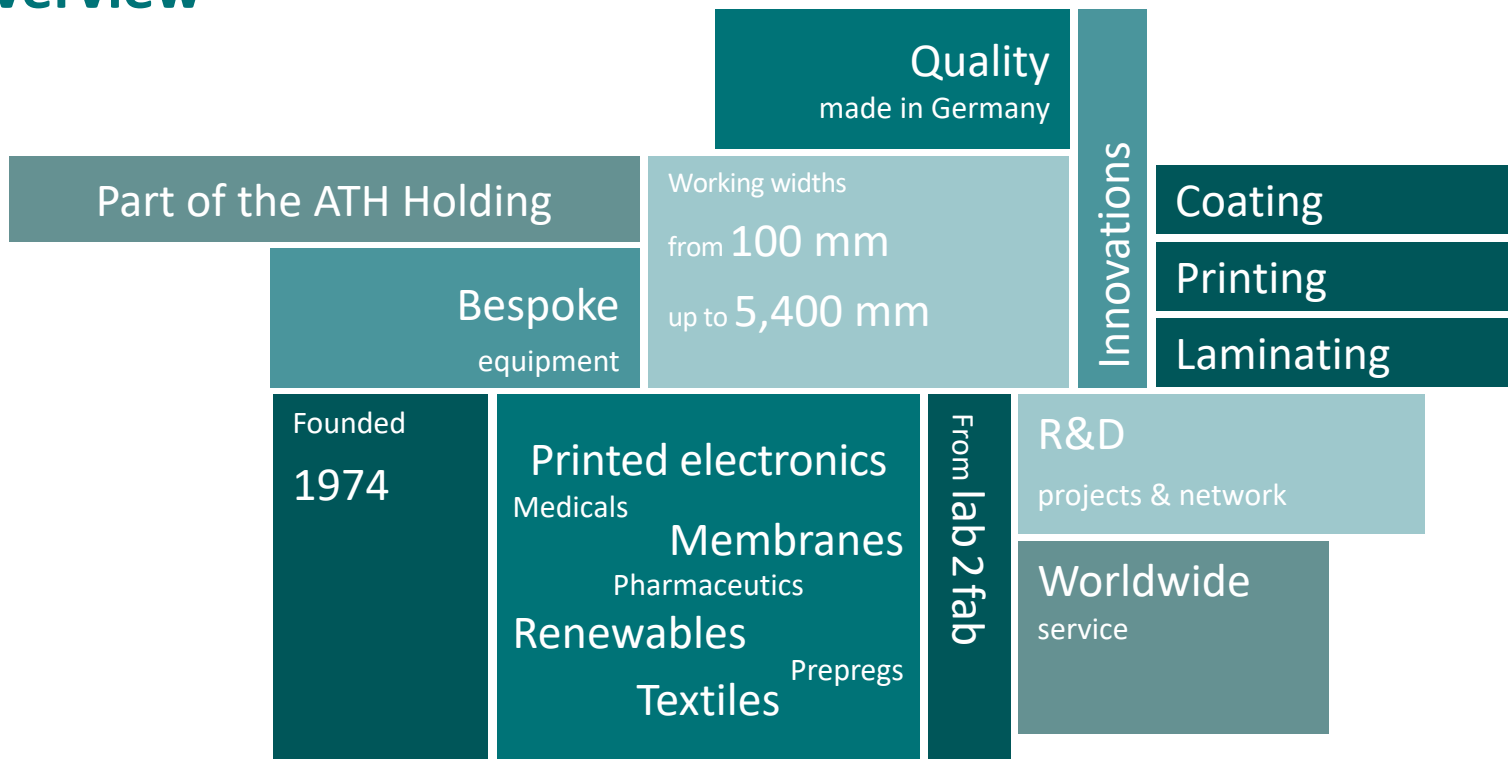


# 1.

## Introduction



## Overview



## Group of companies

**ATH** ALTONAER  
TECHNOLOGIE  
HOLDING



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

**DRY/TEC**

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



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

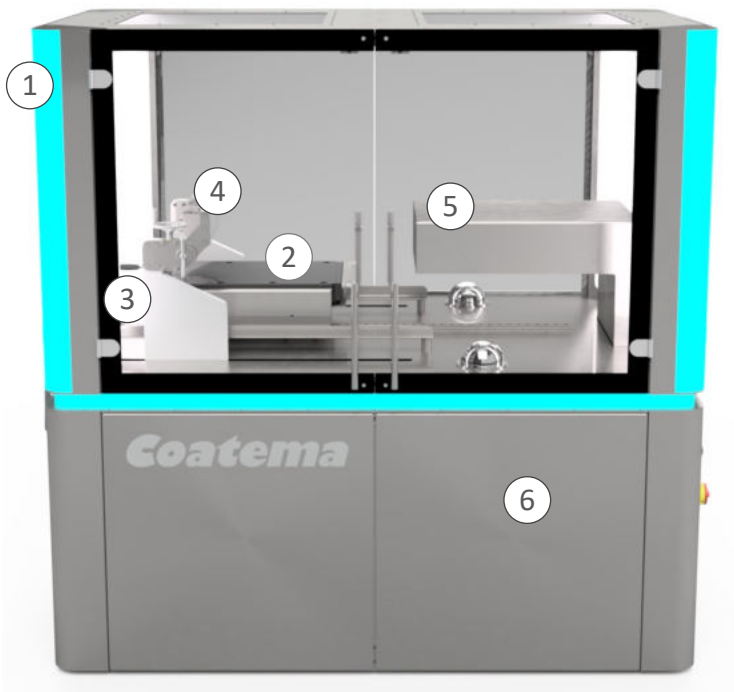
# 2.

## Coatema Easycoater





## Overview of product features & options for the Easycoater



LAYOUT FEATURES (as shown in drawing)

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

## Overview



### Coating systems

- ✓ Slot die
- ✓ Doctor blade

### Printing system

- ✓ Screen printing
- ✓ Inkjet
- ✓ Gravure printing

### Substrate fixation

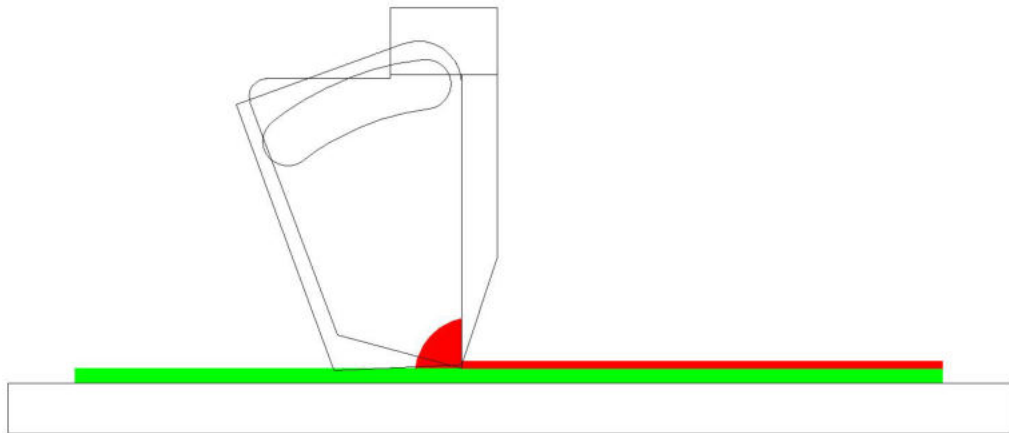
- ✓ High precision vacuum
- ✓ Standard precision vacuum

### Heating / crosslinking

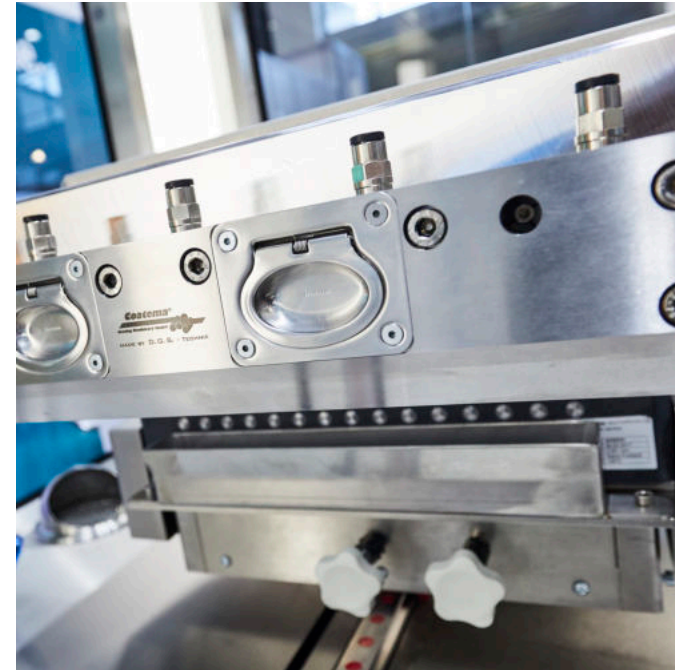
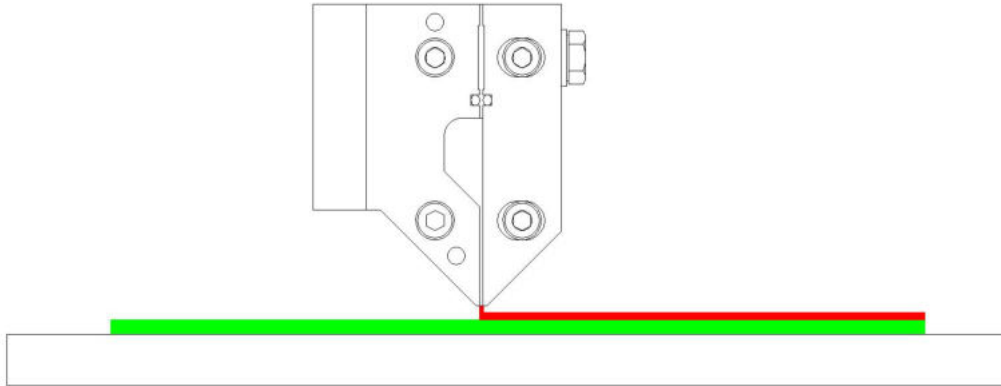
- ✓ Heated air
- ✓ Infrared
- ✓ UV



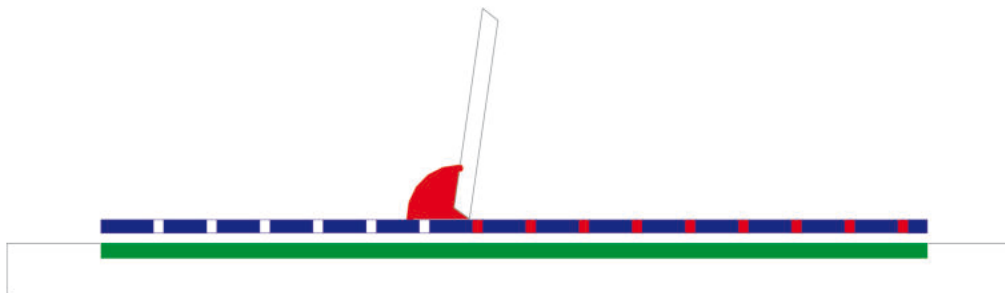
## Application system – doctor blade



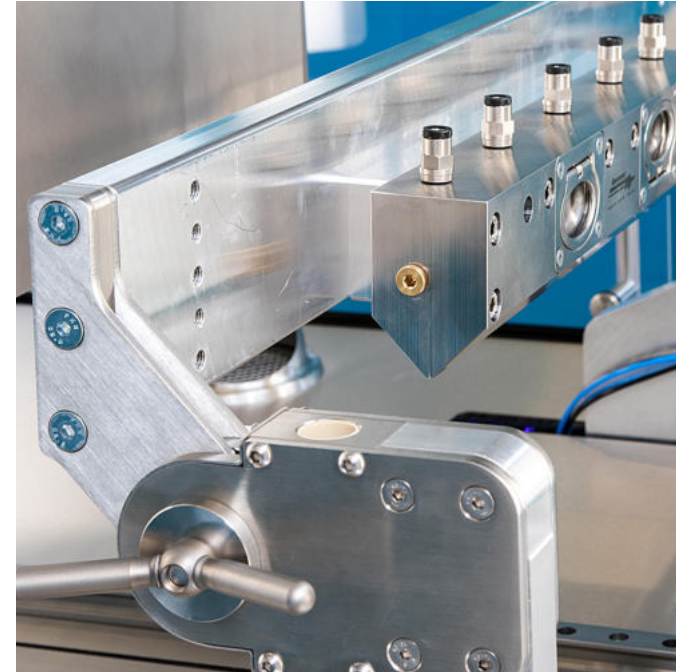
## Application system – slot die



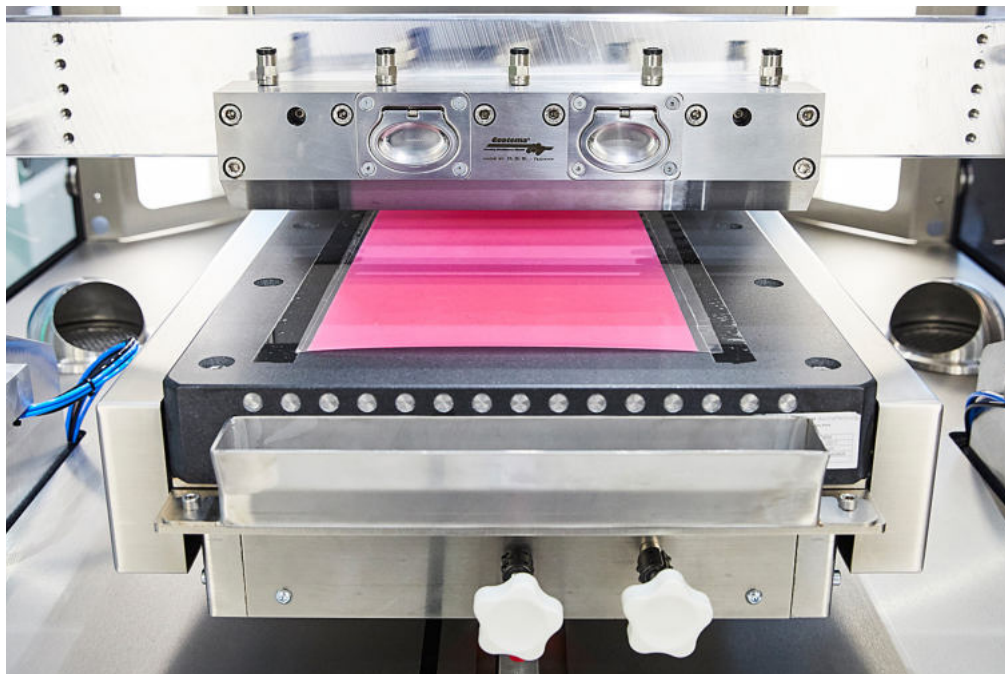
## Application system – screen printing



## Slot die and dryer



## Slot die and vacuum table



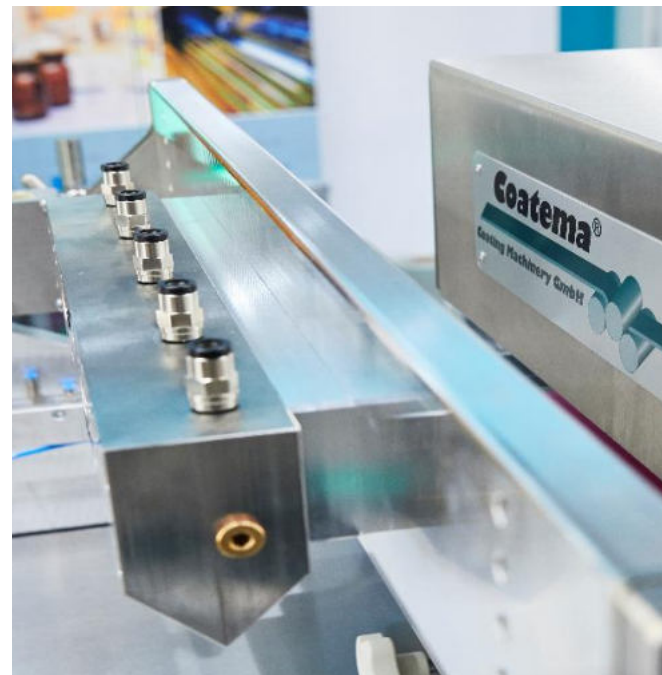
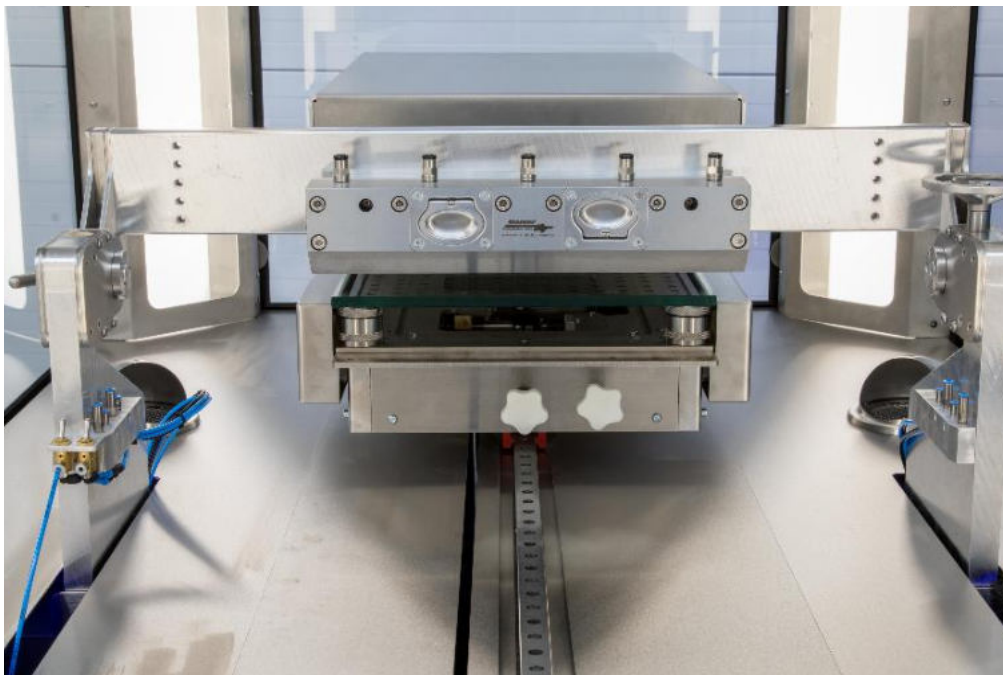


## Slot die and vacuum table

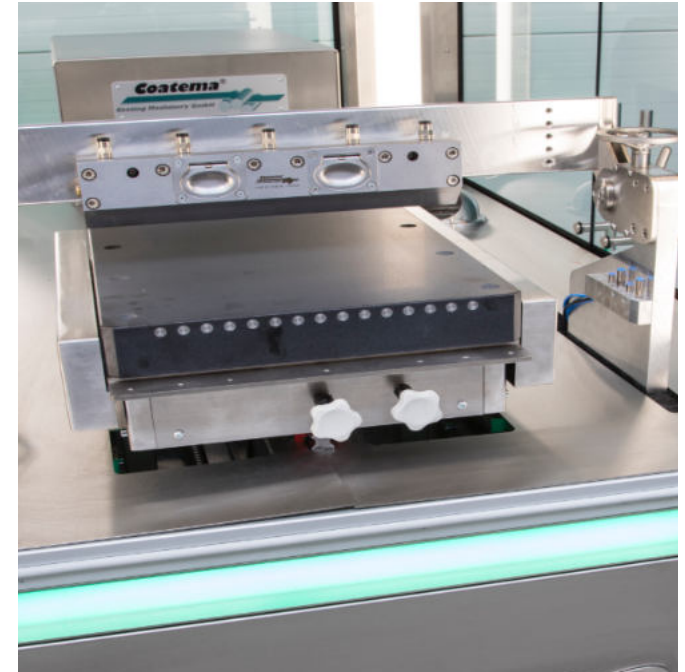
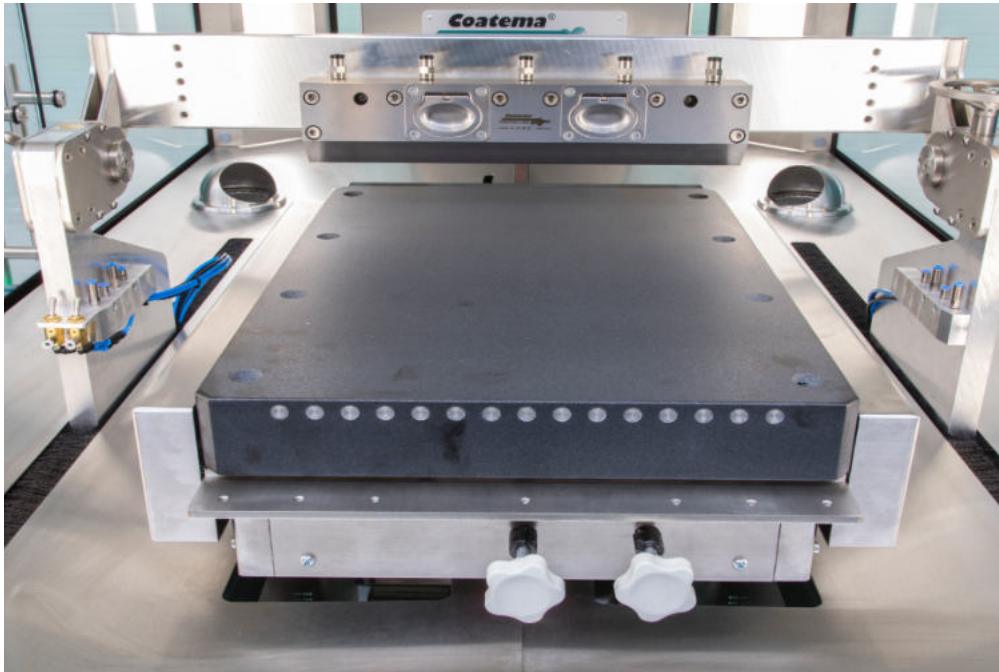




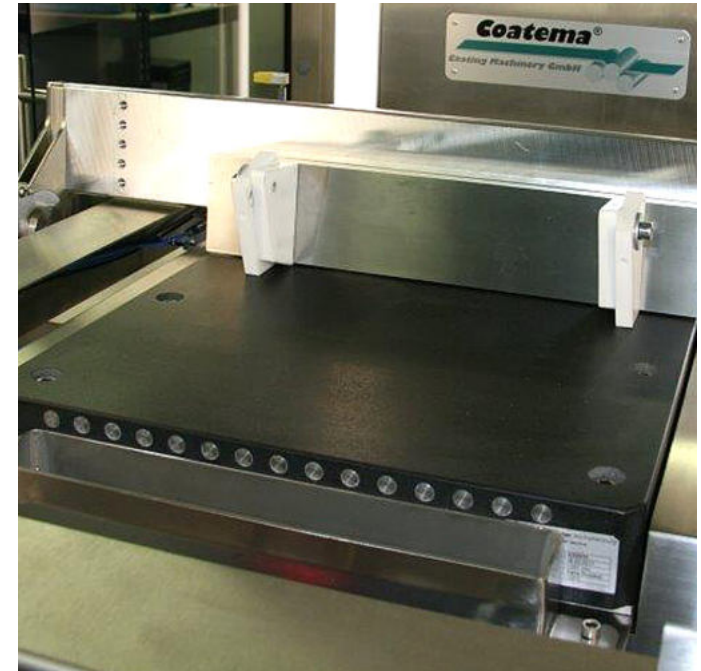
## Slot die and vacuum table



## Slot die and vacuum table

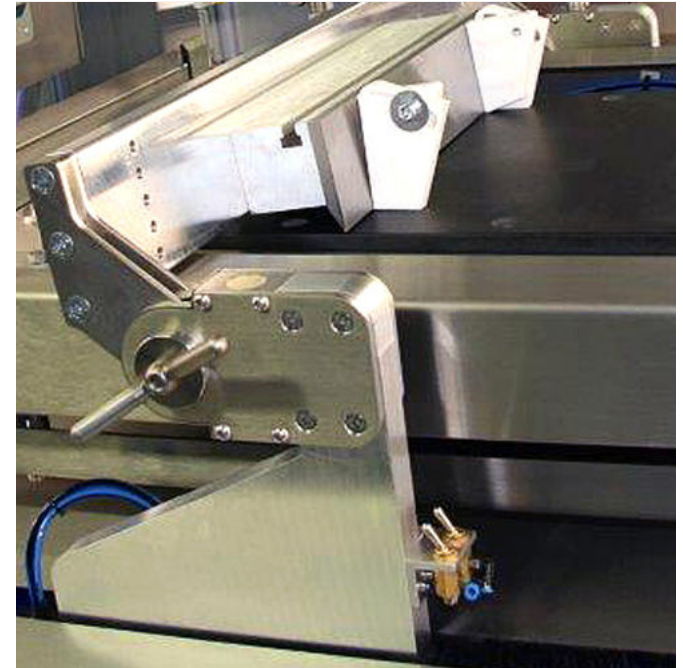
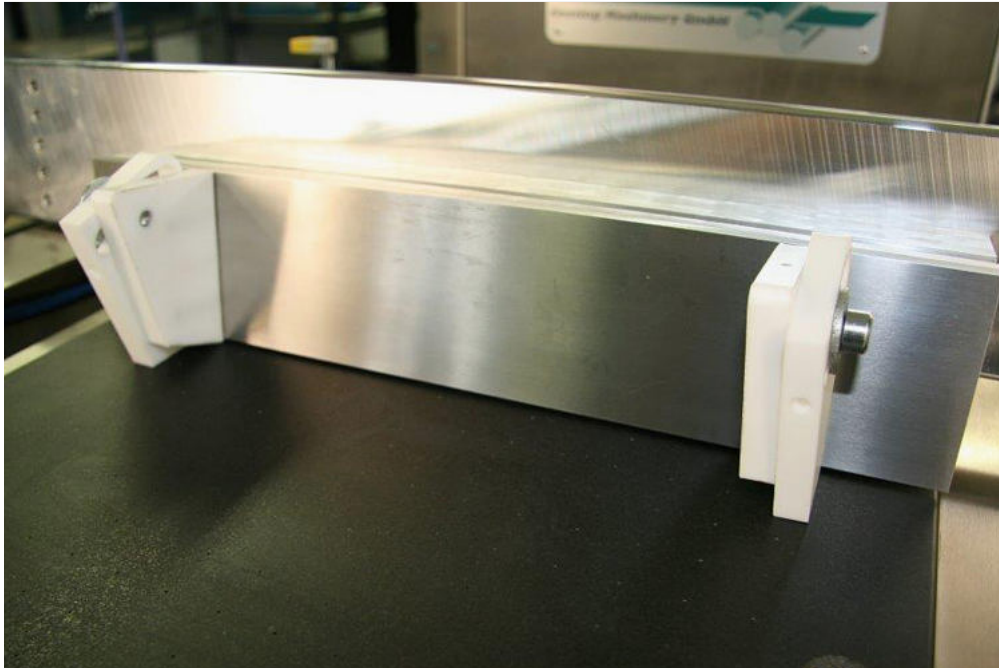


## Doctor blade

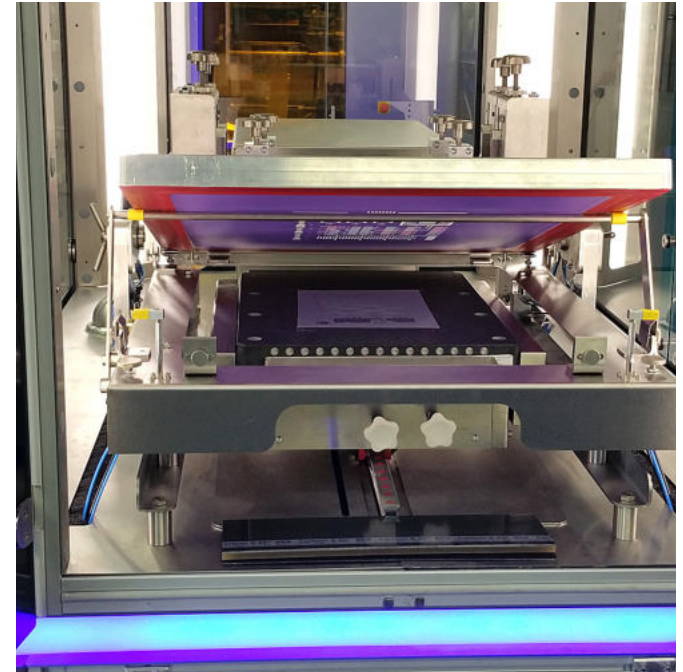
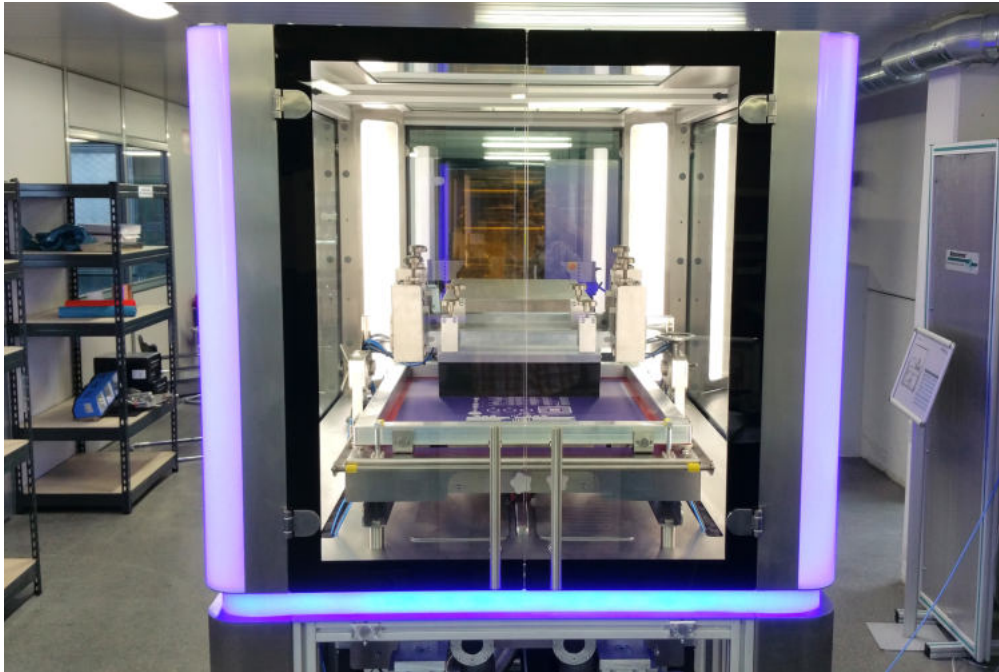




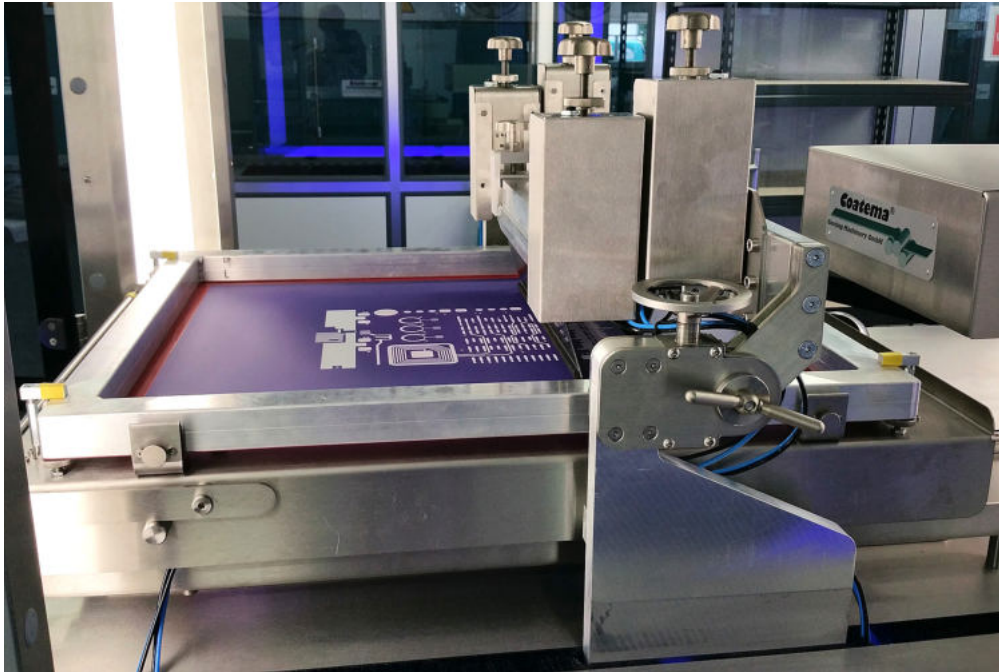
## Doctor blade



## Flat screen printing

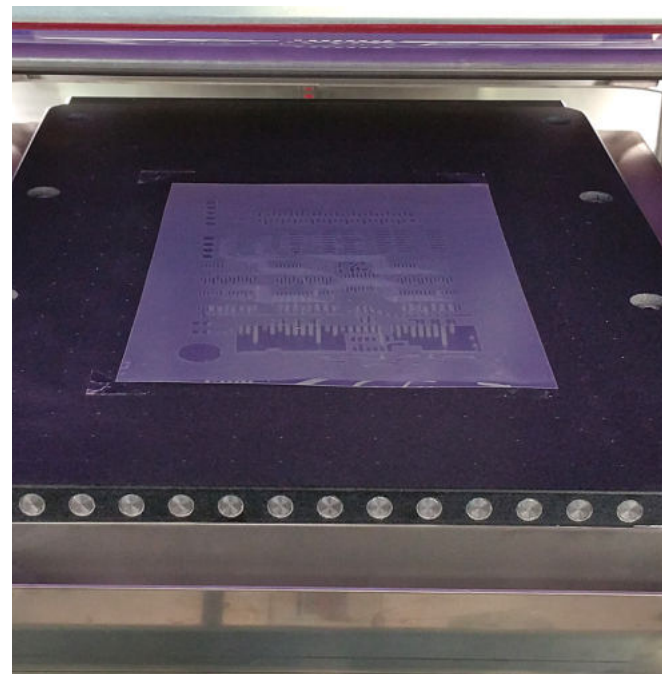
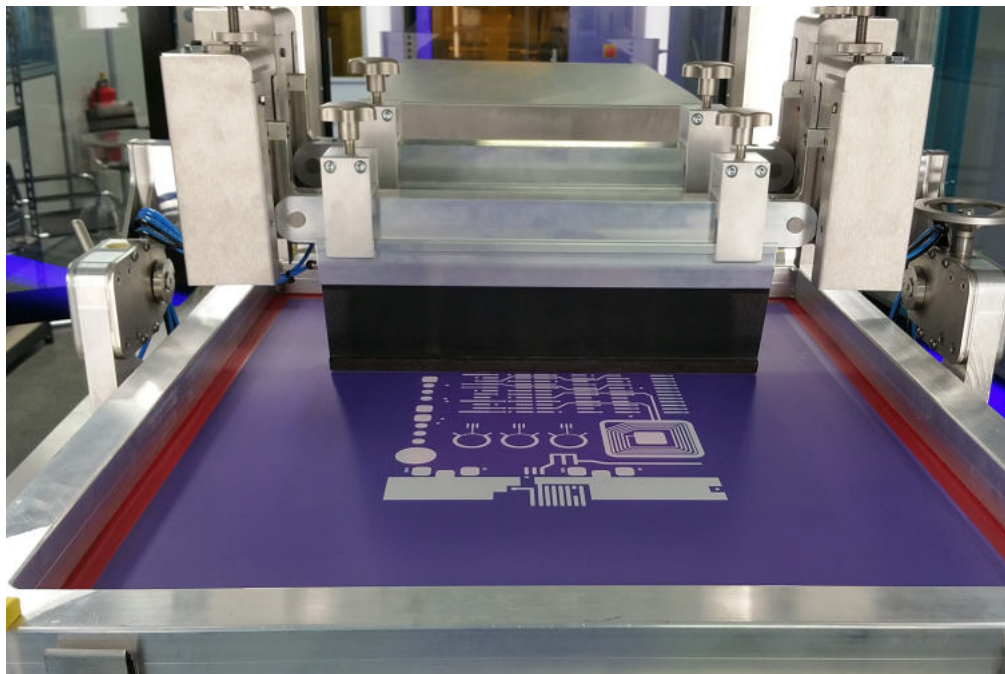


## Flat screen printing

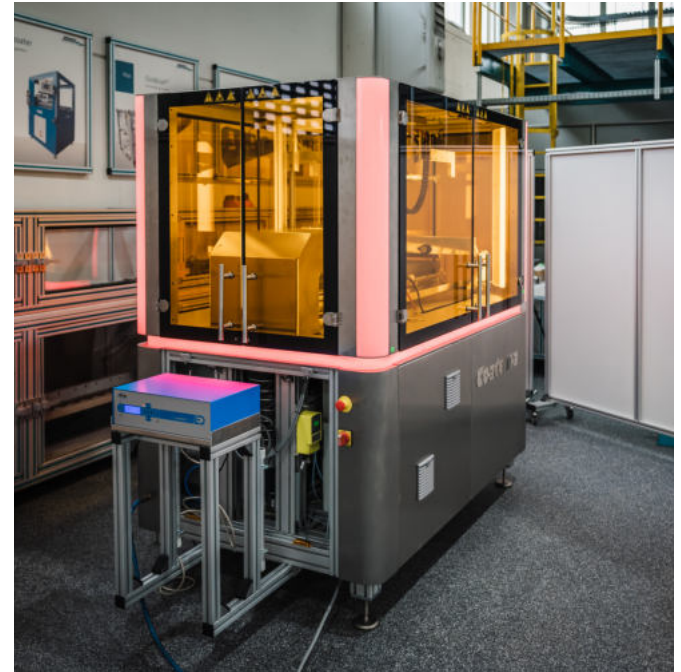
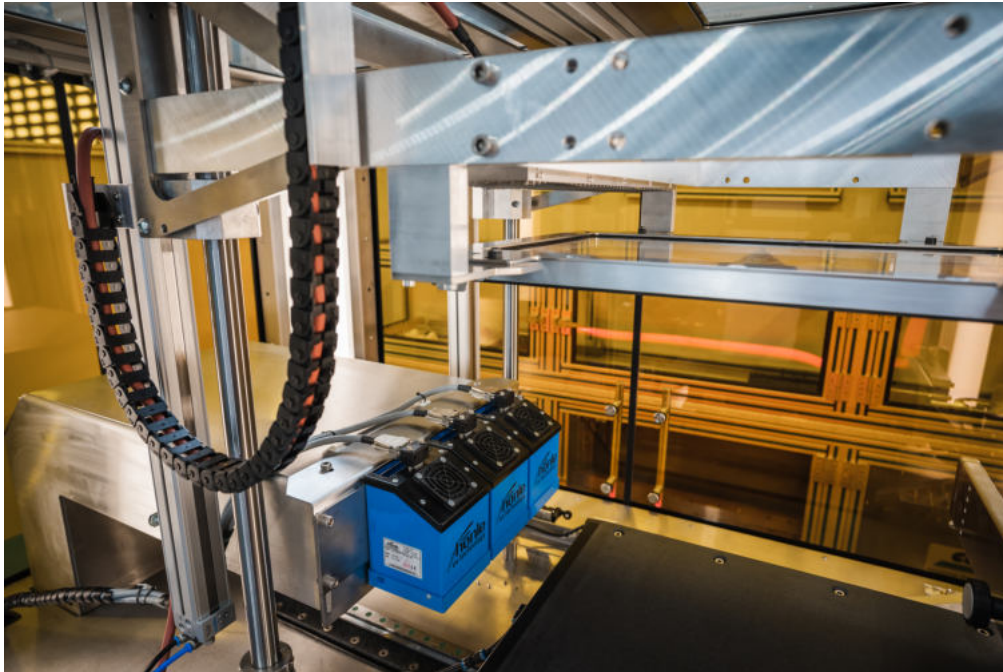




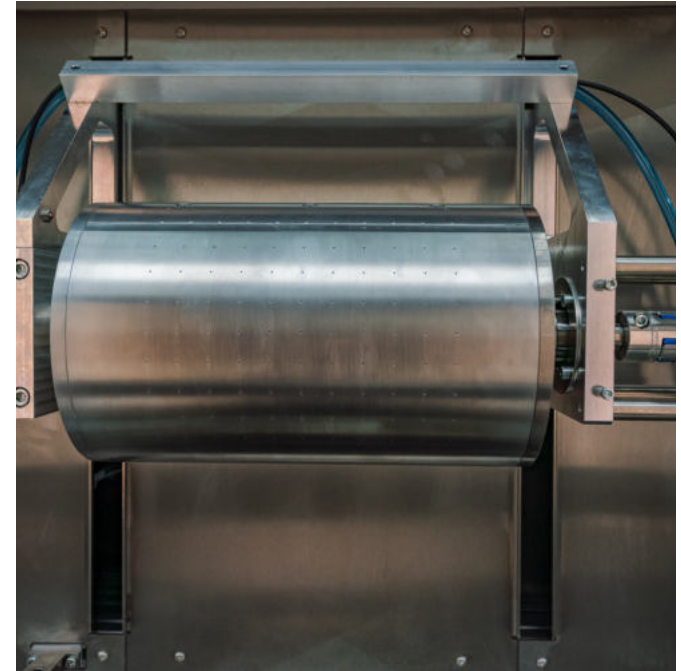
## Flat screen printing



## UV



## Air roller



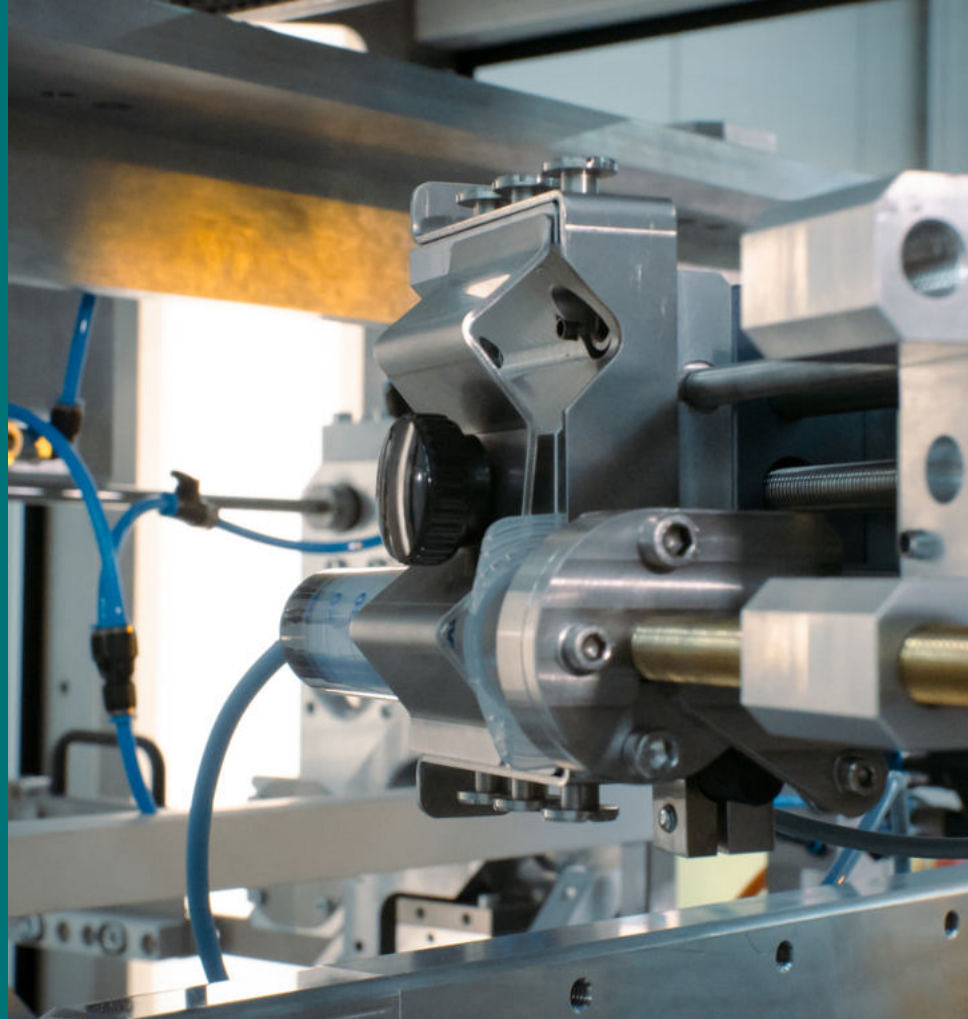


## Easycoater – easy to use

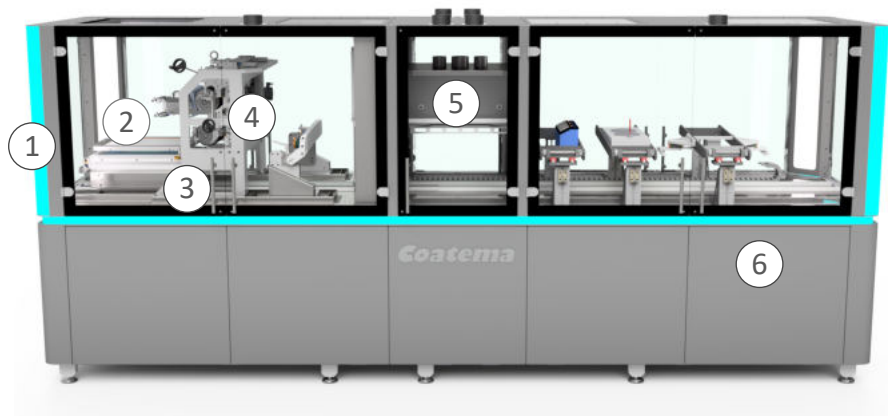


# 3.

## Easycoater custom made



## Overview of product features & options for the Easycoater

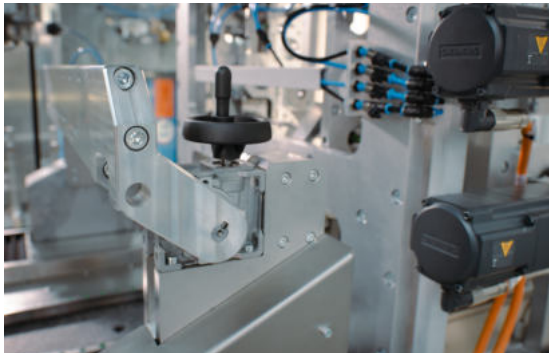
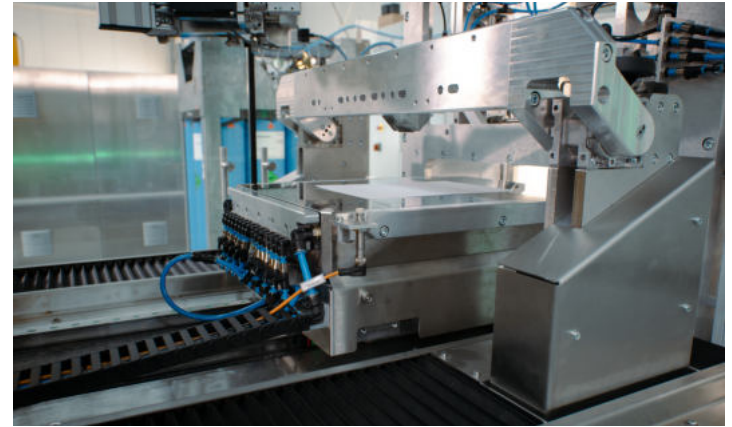
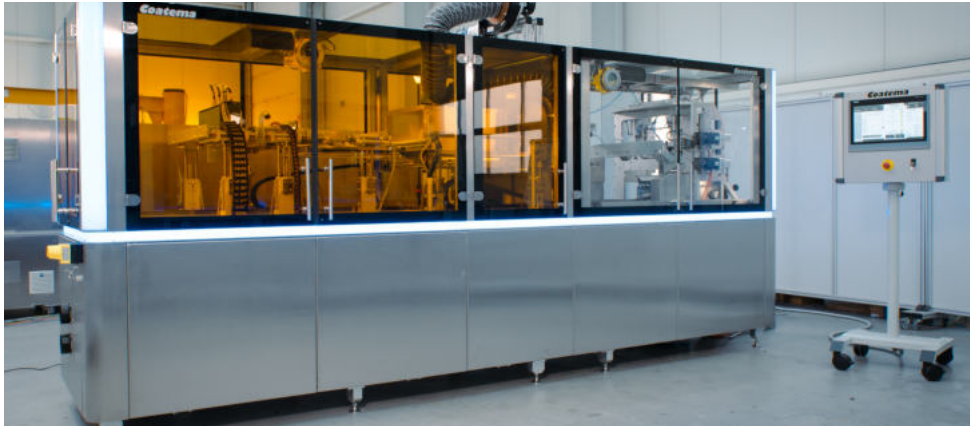


LAYOUT FEATURES (as shown in drawing)

1	Unique LED system shows the operating status
2	Vacuum table down to 1μ accuracy
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# Easycoater custom made



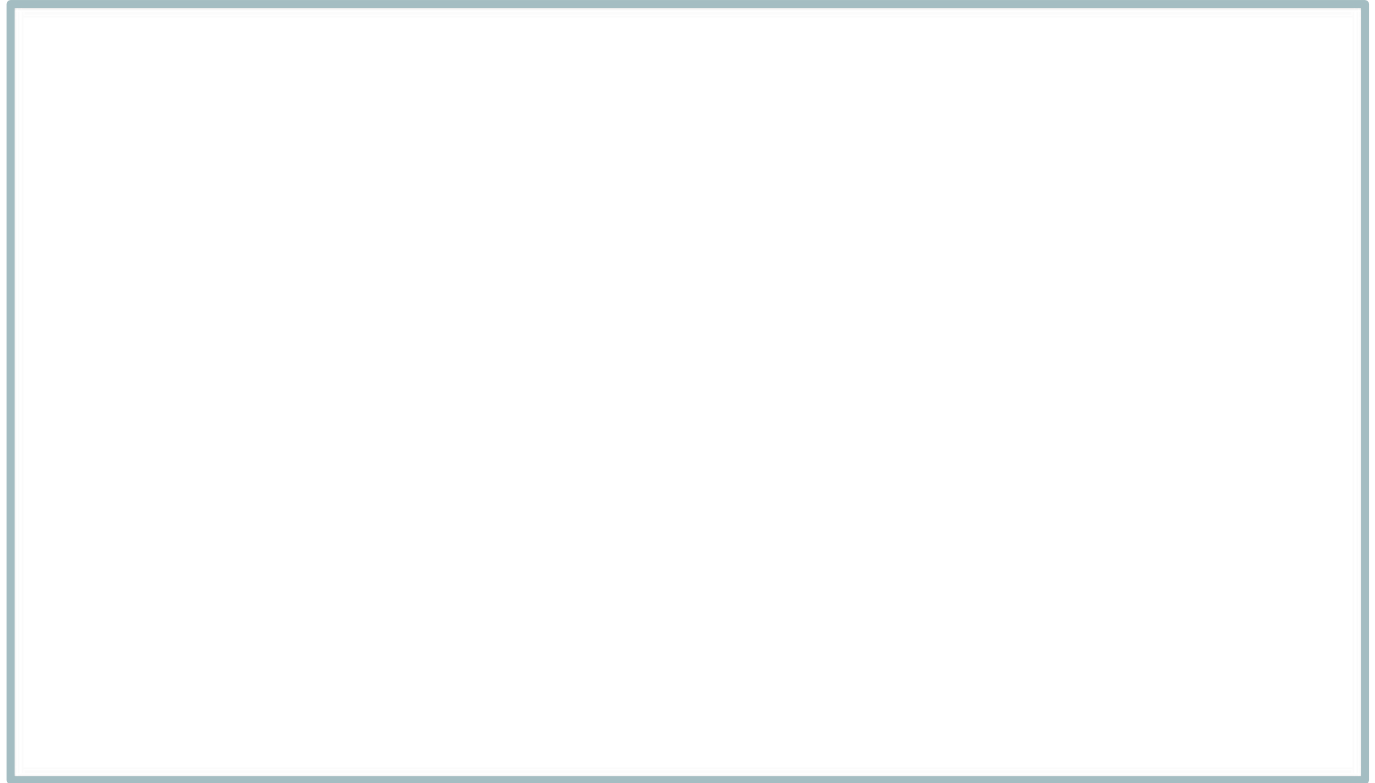
## Easycoater custom made



## Easycoater



Press Button to  
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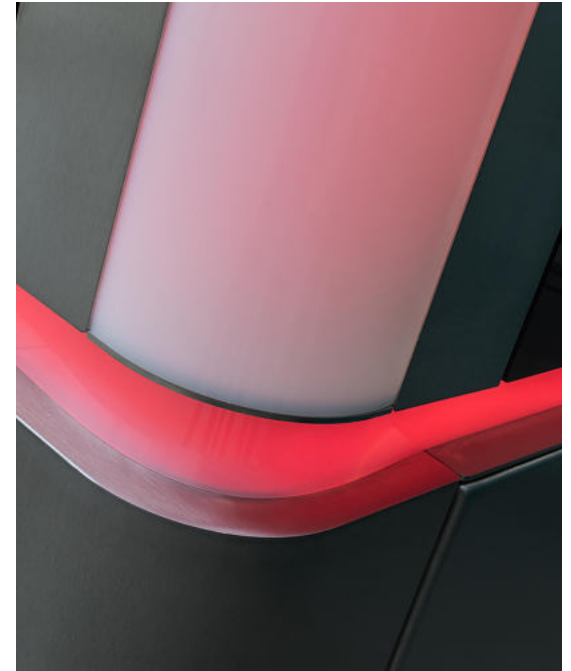


# 4.

## Options & specifications



## Options & specifications



## Specifications



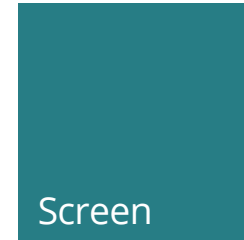
Knife



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

# 4.

## Summary



# 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

## Easycoater

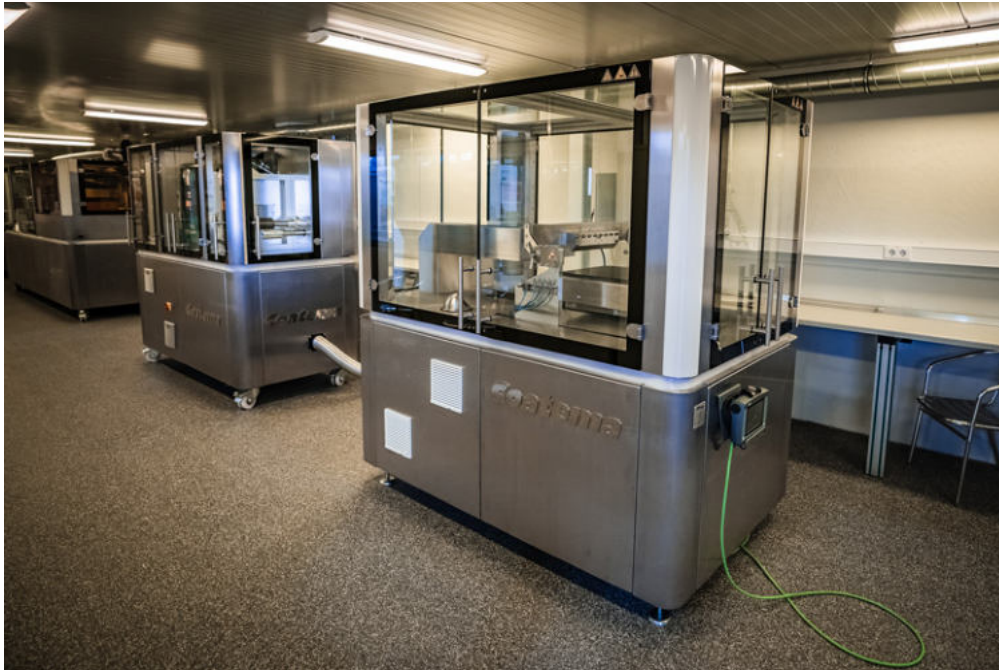


Press Button to  
show the video

# The Easycoater



## 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.

Anything missing?

Let us know and we will make it happen!

Sales department:  
[sales@coatema.de](mailto:sales@coatema.de)

## Download brochures & presentations



# ***Coatema***

## Thank you

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