

Coatema Click&Coat™

Overview

Introduction

Click&Coat™

Click&Coat™
steel layout

Click&Coat™
for Prepreg
production

Options &
specifications

Summary

Summary

Introduction

Click&Coat™

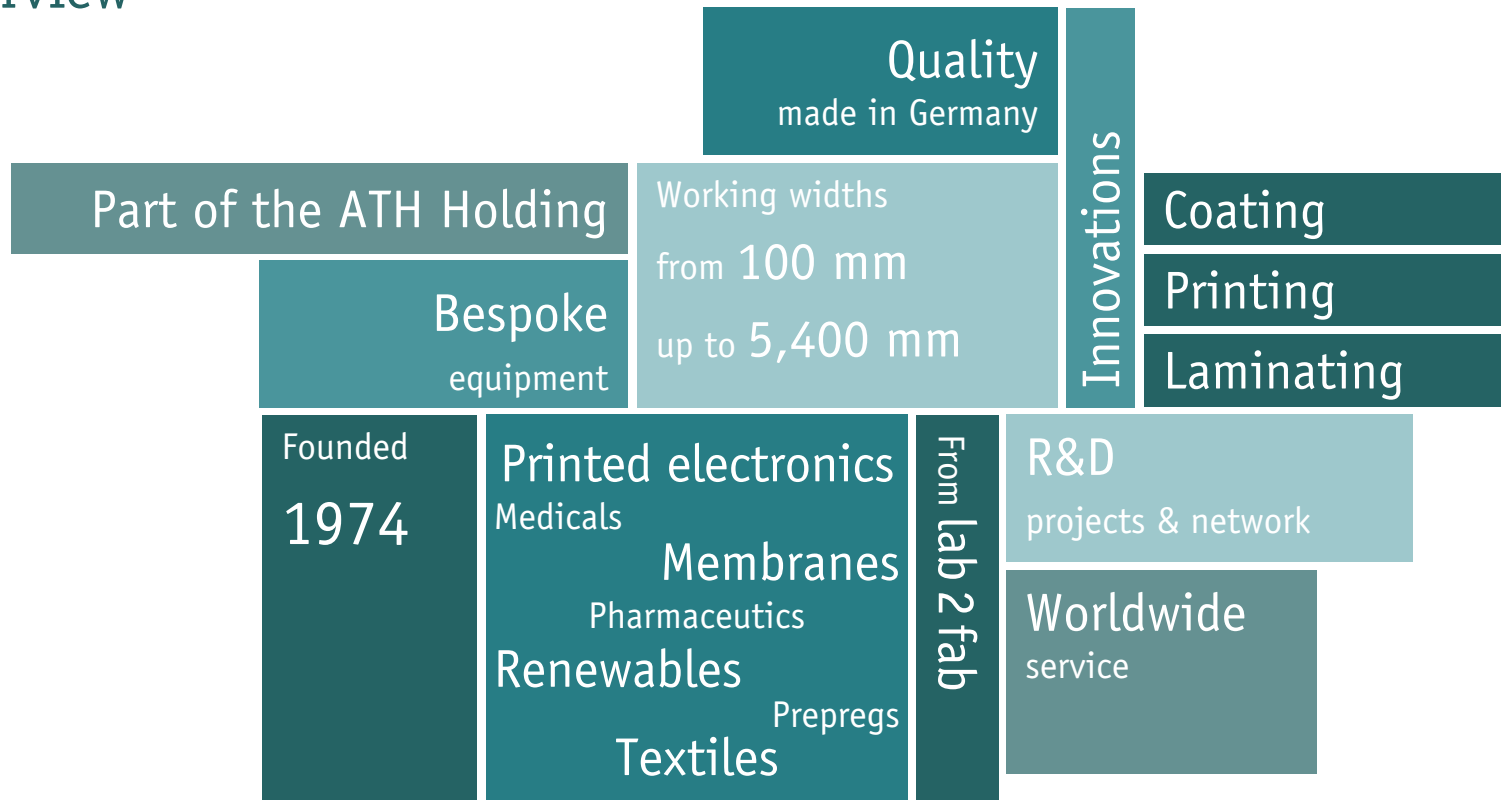
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Overview



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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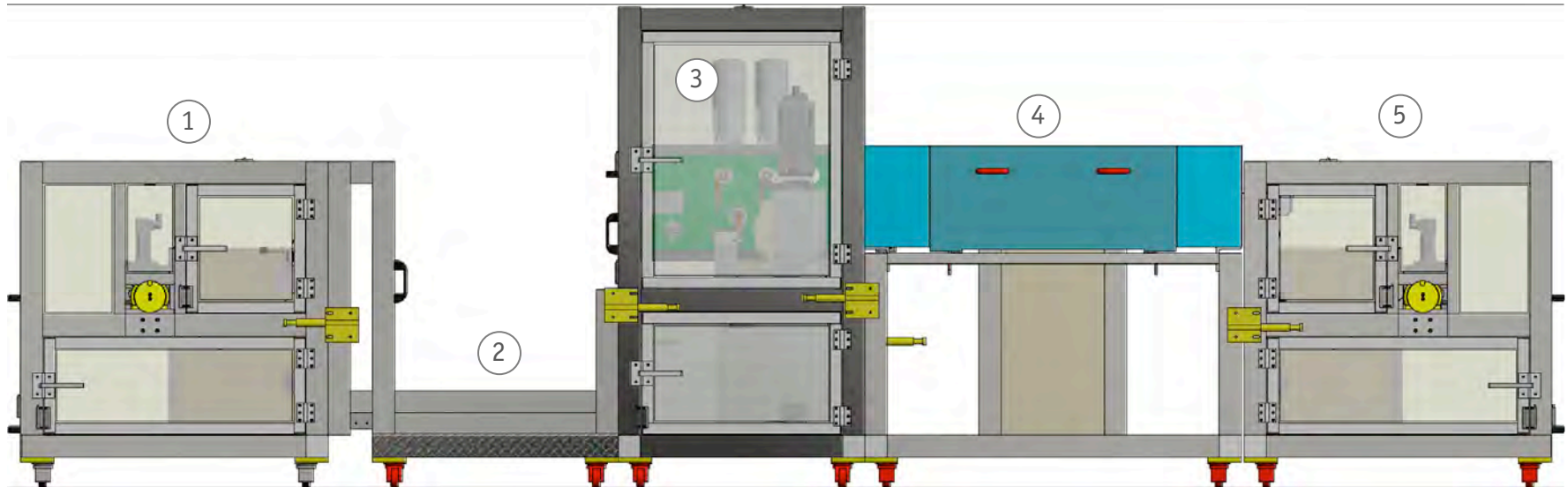
Options &
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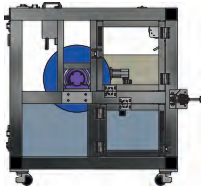
Overview of product features & options for the Click&Coat™

LAYOUT FEATURES (as shown in drawing above)

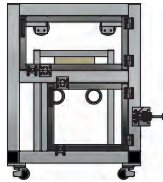
1	Winding station	3	Coating station	5	Rewinder
2	Podestral	4	Dryer		



Click&Coat your own ideas



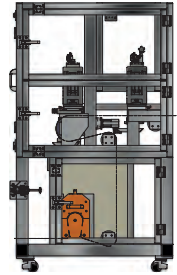
Winder



Corona



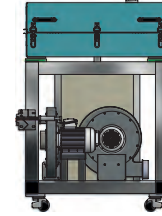
Podestral



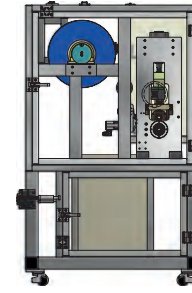
Coating



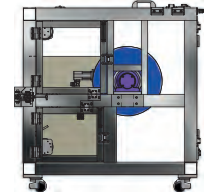
Inkjet



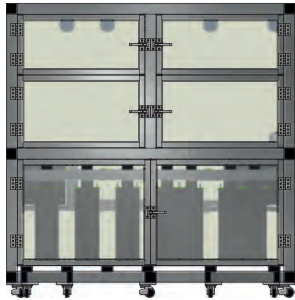
Dryer



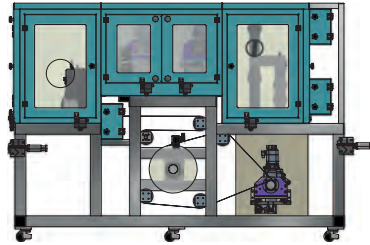
Laminator



Rewinder



Chemical treatment bath



Inert Coating and
laminating



Registration
control



Turning
device



Lamination

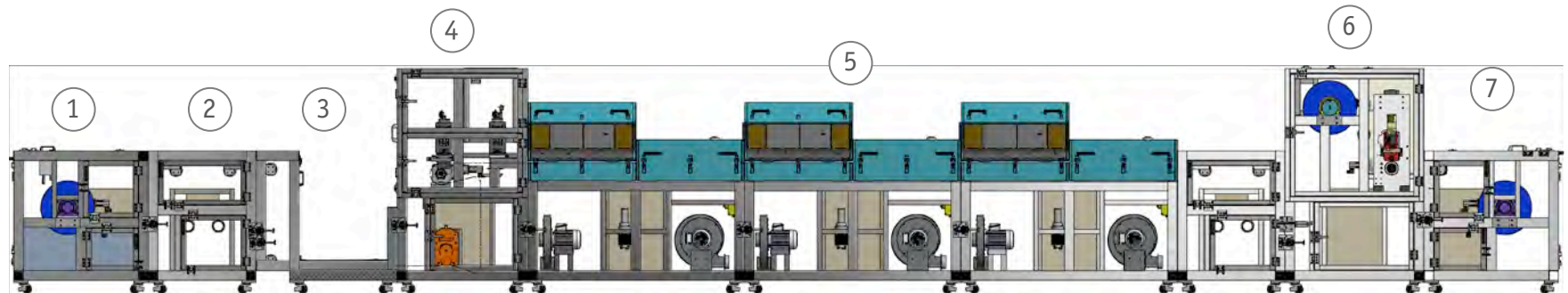


Cutting

Overview of product features & options for Click&Coat™

LAYOUT FEATURES (as shown in drawing above)

1	Unwinder	4	Coating station	7	Laminating and rewinding
2	Edge guiding system	5	Dryer		
3	Podestral	6	Edge guiding system		



Overview



Coating / printing systems

- ✓ Over 38 systems
- ✓ Doubleside configuration available

Printing system

- ✓ Screen printing, gravure, flexo as analog systems
- ✓ Inkjet as digital system

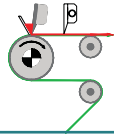
Drying / crosslinking

- ✓ Heated air
- ✓ IR / NIR / Photonic sintering

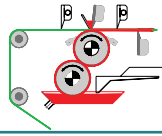
Control system

- ✓ Siemens S7

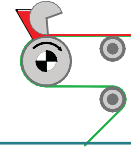
Coating systems



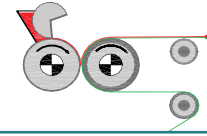
Knife system



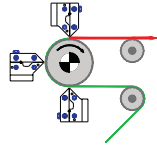
Double side system



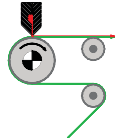
Commabar system



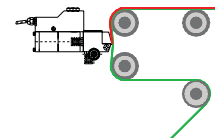
Reverse commabar system



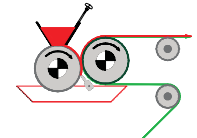
Slot die system



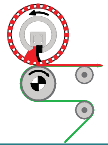
Curtain coating system



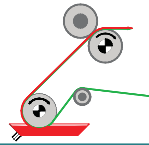
Hotmelt slot die system



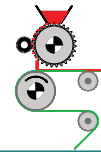
Case knife system



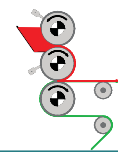
Rotary screen system



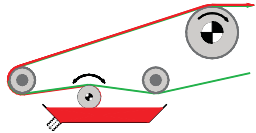
Dipping system (Foulard)



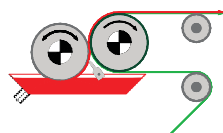
Powder scattering system



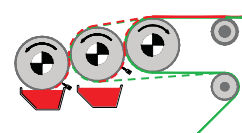
Reverse roll system



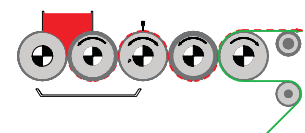
Micro roller system



2 Roller system

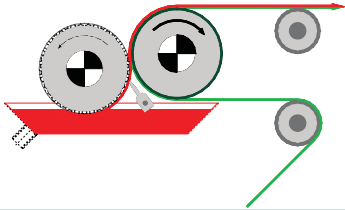


3 Roller combi system

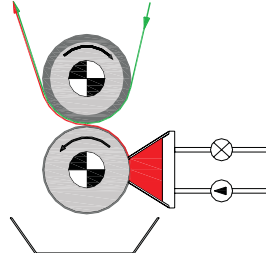


5 Roller system

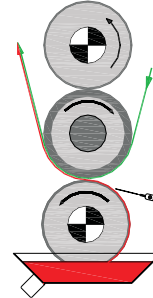
Printing systems



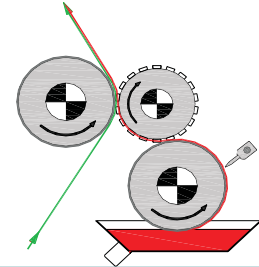
Engraved roller system



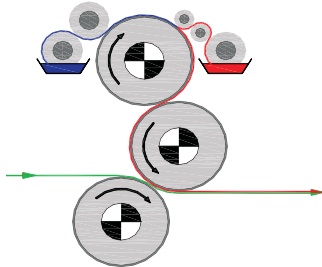
Gravure roller system



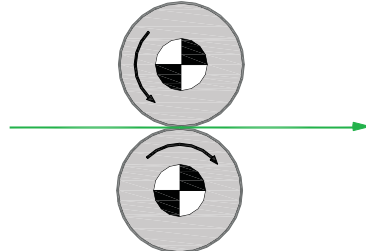
Gravure indirect system



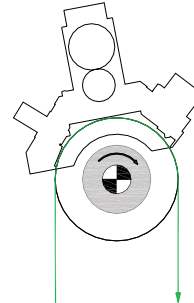
Flexography system



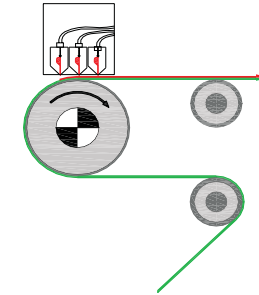
Offset lithography system



Hot embossing system



Nanoimprint system

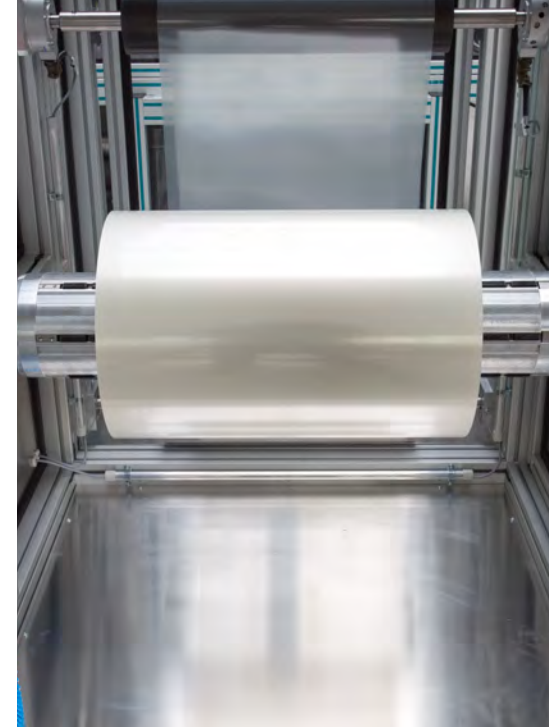


Inkjet system

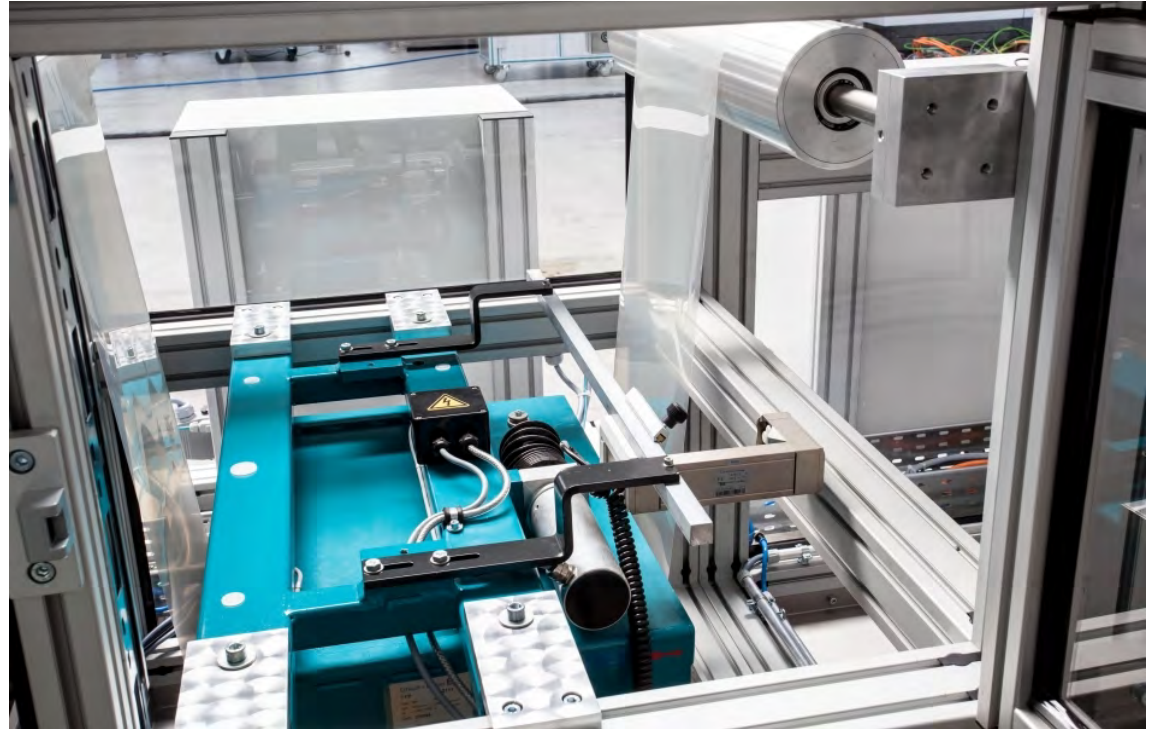
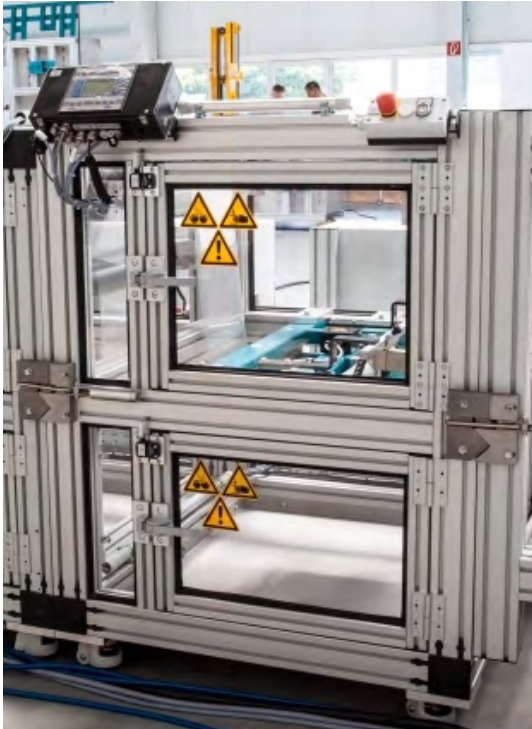
Overview pilot line



Unwinder



Edge control



Working pedestral



Corona station



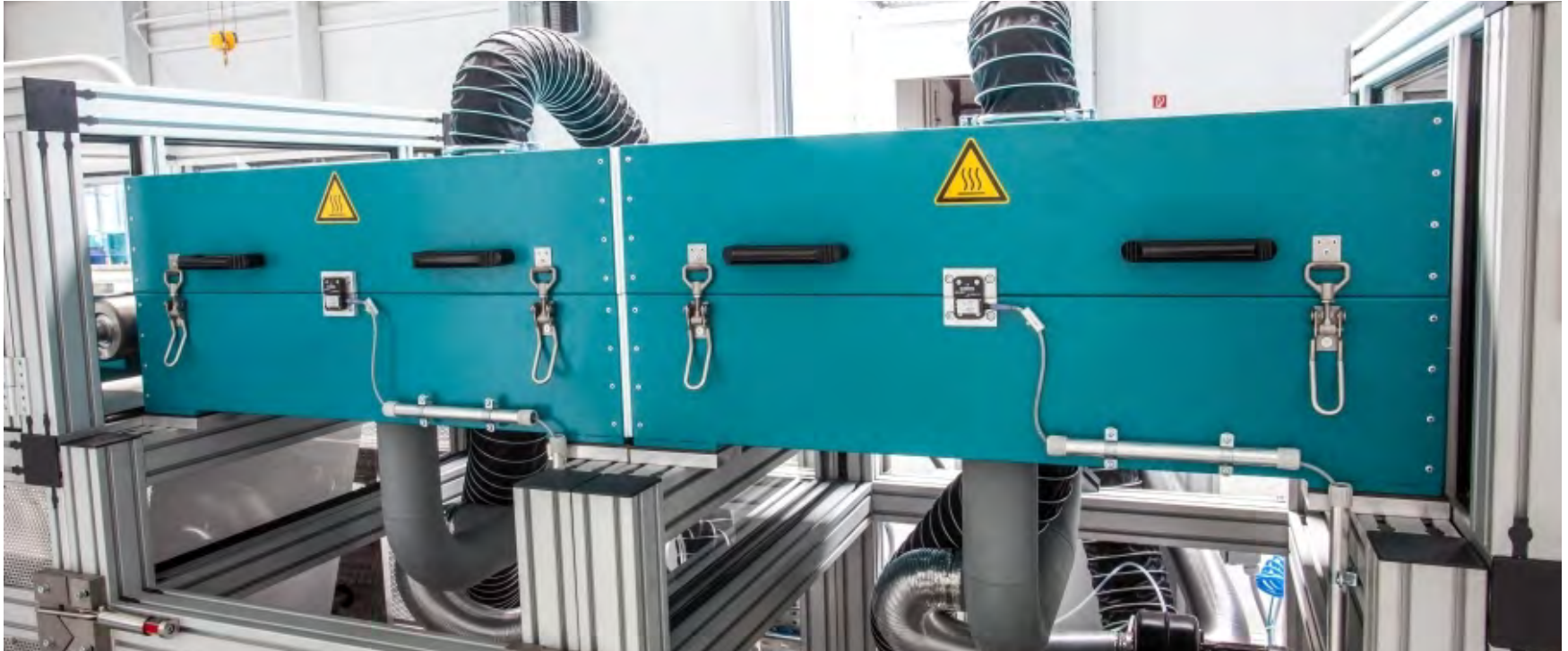
Coating module



Vacuum conveyor



Dryer



Lamination



Rewinder



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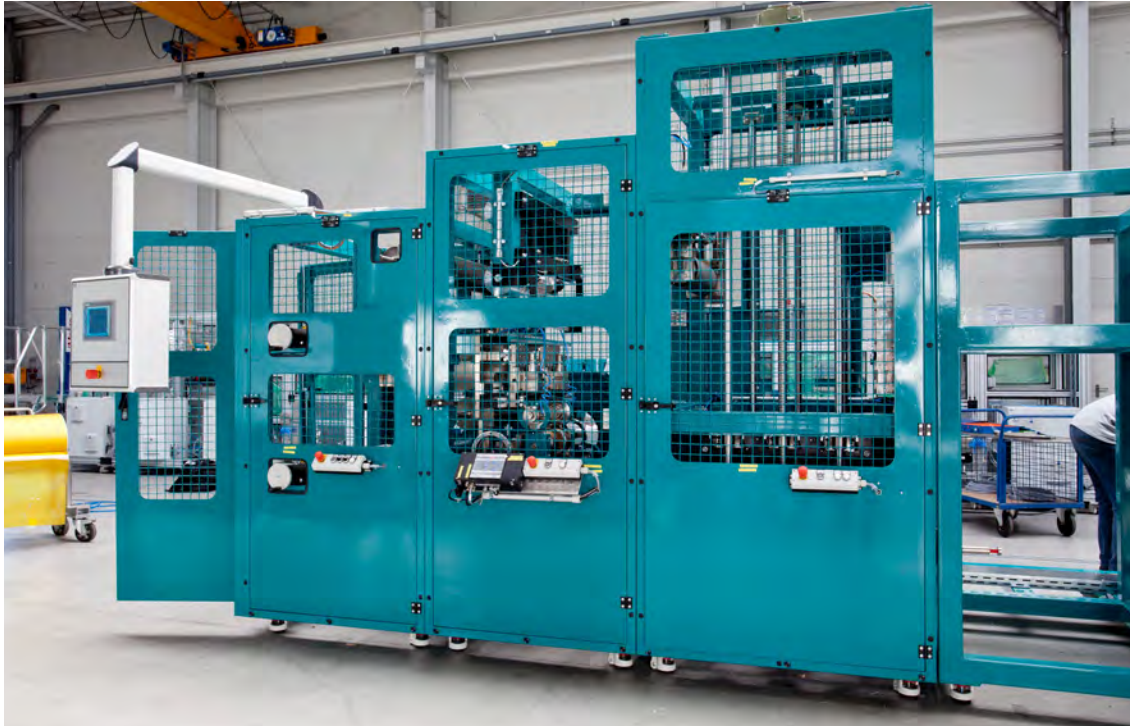
Options &
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steel layout
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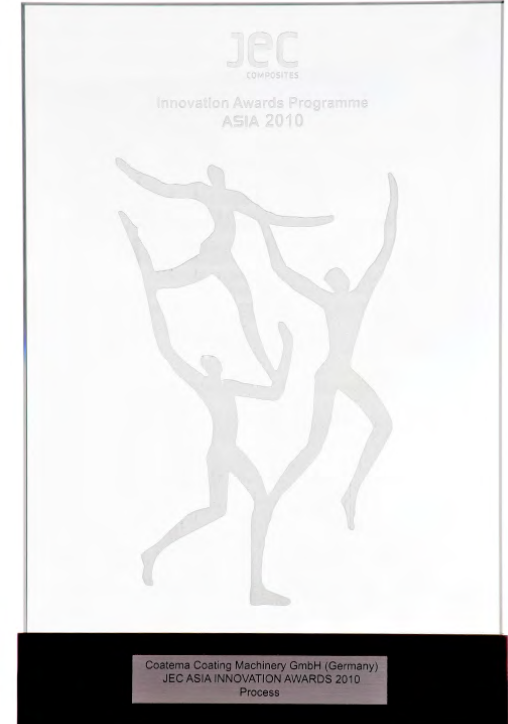
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production
for prepreg
Click&Coat™

Coatema Click&Coat™ for Prepreg production







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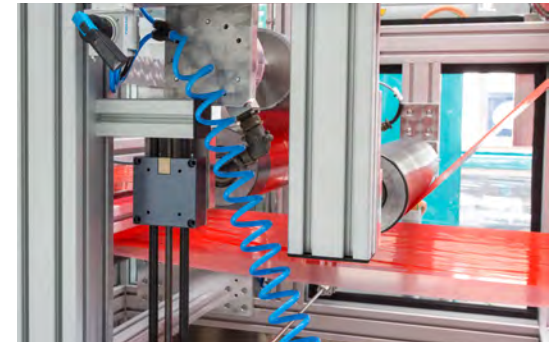
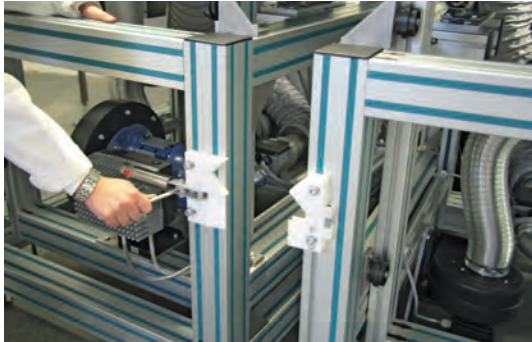
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Summary

Specifications



Working
pedestal

Edge
control

Corona
unit

Coating
module

Lamina-
tion

Vacuum
conveyor

Dryer
(with fan air
supply heater)

Technical specifications in detail

Awards & Patent

- ✓ Award winning Click&Coat™ design for connecting and aligning modules
- ✓ Patented Click&Coat™ design for connecting the modules

Operating options

- ✓ Siemens S7 software solution

Dimensions size

- ✓ Depending on configuration (LxBxH)

Dryer

- ✓ Hot air, IR, NIR, UV and photonic curing

Coating options

- ✓ Over 40 coating and printing systems easy to change

Machine Base

- ✓ Easy to use three-wire electrical connection
- ✓ Fast set up time for new processes or increased through-put

Additional equipment

- ✓ Washing module
- ✓ Lamination module
- ✓ Corona module
- ✓ Web cleaner
- ✓ Turret winder
- ✓ Inert coating modul
- ✓ Relaxation modul
- ✓ UV dryer (mobil)
- ✓ Double side lamination
- ✓ Inkjet printing
- ✓ Laser scribing
- ✓ Quality control systems

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The customer benefits

- ✓ Over 40 coating, printing and ancillary modules available
- ✓ Award winning Click&Coat™ design for connecting and aligning modules
- ✓ Easy three-wire electrical connectors
- ✓ Siemens S7 software solution
- ✓ Fast set up time for new processes or increased through-put
- ✓ Over 40 coating and printing systems for plug in and out
- ✓ Patented Click&Coat™ design for connecting the modules

Do not hesitate to contact us!



The Click&Coat™ 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.

Sales department:
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Thank you



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