

# Coatema Coating and Laminating - Basecoater



for a moderate price. It is basically equipped with a winding-off unit, an application system, a dryer, a winding-on unit and a central control system.

Thirty-Eight coating and laminating systems that have been developed by Coatema can be integrated into the Basecoater. Of course, combinations of application systems like knife, roller and fouldard are possible, which enables the use of almost any kind of coating chemistry on most substrates. In order to make the use of solvents possible the Basecoater is available in an EEX-version.

#### Typical Application Systems Include:

- ✓ Case or Air Knife
- ✓ Kiss Coater
- ✓ Micro Roller
- ✓ Slot Die
- ✓ Hotmelt
- ✓ Most other Coatema systems

Available dryers include hot air, IR and UV systems, which can be used alone or in combination. Cooling components can also be

integrated. The use of Coatema's heavy-duty modular aluminum profiles provides for easy expansion of the system to add capabilities to increase production speeds in the future.

Web guidance, web tension, and control of all process parameters can be adjusted according to the application. Additional configurations and options can be easily added, like a Corona, cooling rollers, calenders, or a laminating unit.

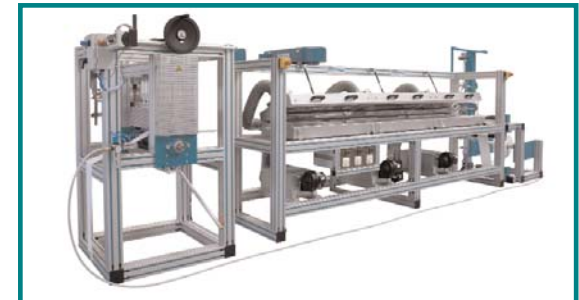
#### Benefits:

- ✓ Custom or standard constructions
- ✓ More than 38 application systems
- ✓ Modular design for expansion
- ✓ Hot air, IR and UV drying systems
- ✓ Continuous sample production up to 500 mm
- ✓ EEX
- ✓ GMP



The Basecoater is Coatema's most basic roll-to-roll coating plant. With working widths from 200 mm (8 inches) up to 500 mm (20 inches), it can be used for continuous processing of a wide variety of substrates like textiles, foils, papers and nonwovens.

This coating machine combines the greatest flexibility possible, with consistent results,



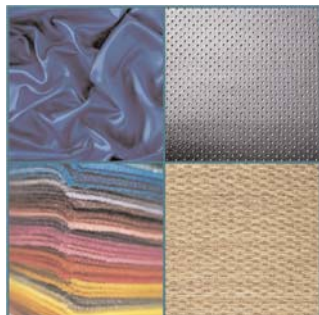
# Coatema Company Information



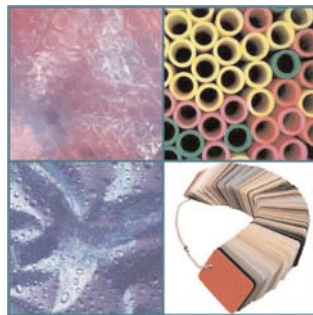
Coatema Coating Machinery GmbH was established in 1974 by the founder Herbert Giessmann. The family owned and operated company has its headquarters in Dormagen, Germany located between the industrial cities of Dusseldorf and Cologne in the federal state of Nordrhein-Westfalen.

Dr. Andreas Giessmann is the Managing Director of Coatema and the son of the founder. Coatema's 75 employees are experts in the manufacture and support of plants and machines for the coating and laminating of high performance materials in working widths ranging from less than an inch up to 200 inches. These plants and machines are designed and manufactured in Dormagen and delivered all over the world contributing to the company's record double-digit growth over the past five years.

To compliment their manufacturing business they offer customers the use of the Coatema Coating Centers for product research. The Dormagen center, possibly the largest of its kind in the world, is a complete production scale laboratory that has been especially popular for R&D in new high-tech areas like fuel cells, batteries and solar technology.



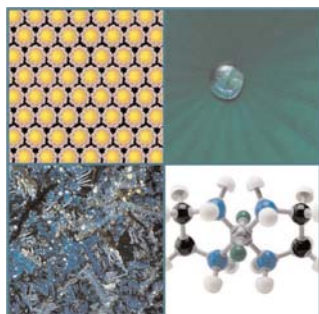
Textile



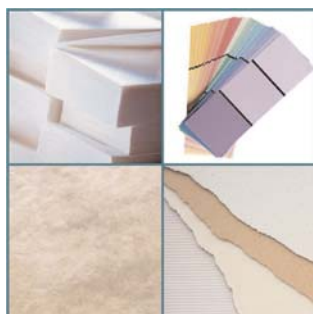
Film



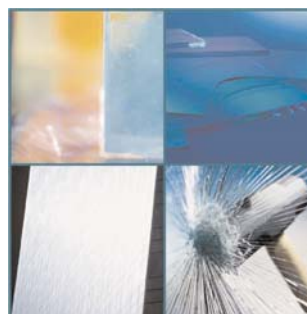
Renewable



Nanotech



Paper



Glass

In addition to offering the opportunity to test machines and application methods the center is staffed with experts in materials selection and formulation preparation. Coatema has established satellite R&D centers in the United States and in Asia.

In addition to their direct marketing staff Coatema has a network of agents and technicians for the sale and support of their products and services world-wide. If you have a need for coating or laminating technology Coatema has the know-how and resources to provide the worlds finest solutions.

**Coatema®**

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