

Machinery in Perfection

Starter-Kit Coating Solutions for Pilot Plant, Testing, or Samples

Coatema Maschinenbau has introduced a new group of products for coating and laminating. This new group supplies complete solutions for pilot production, testing recipes, or producing sample sizes.

Coatema is calling this new line "The Starter-Kit." This Starter-Kit program begins with a small swatch coater and ends with a continuous running lab unit with a working width up to 500 mm.

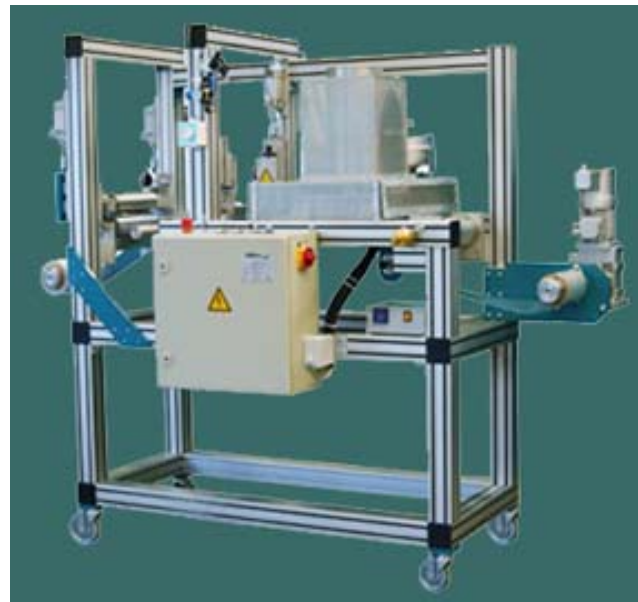


Dipping & Squeezing Units

The user will find everything necessary for a successful coating and lamination start-up. Coatema Maschinenbau GmbH excels in innovation and customer support with the right solution at the right price.

By Thomas Kolbusch
& Bob Sandbank

Coatema is offering two continuous running lab units in the Starter-Kit program along with a simple discontinuous unit.



The Basecoater: A Continuous Running Lab Unit



Squeezing Rollers Are Also A Lamination Station

The Basecoater

To achieve a cost effective scale-up of coating and or laminating processes, Coatema has developed the new *Basecoater* with a working width of up to 220 mm.

The Basecoater can function as a knife-over-roll and an air-knife coating system.

The Basecoater includes a dipping unit with squeezing rollers for impregnation.

The squeezing rollers can also be used as a lamination station.

The Basecoater can be equipped with a small electrical oven or an explosion proofed jet-dryer.

The explosion proofed jet-dryer can dry the material at up to 235°C.

Basecoater dimensions:

Width - 550mm

Height - 1700mm

Weight - 500Kg

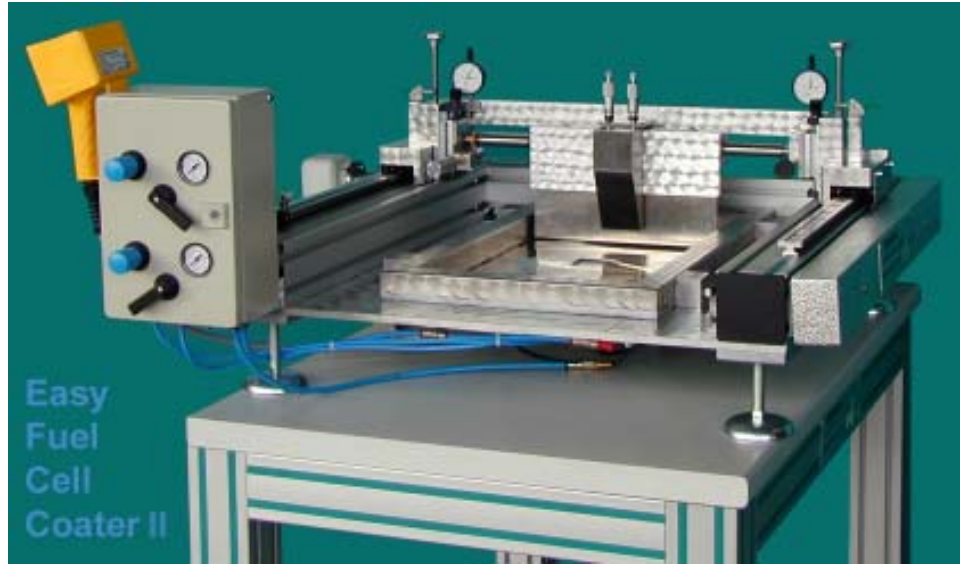
Electrical - 2 kW

The Easycoater

The *Easycoater* is the most basic unit in the program. The *Easycoater* is a stand-alone unit for coating individual coated pieces.

With this unit the user is able to produce samples in an A4 size (220x300mm).

Coatema uses a precision doctor blade which can be used either as a knife-over-roll or air-knife coating system. As the name implies, the *Easycoater* was designed for easy operation. The *Easycoater* dimensions are: W - (645 mm), L - (557 mm), H - (236 mm) Weight - (45 Kg.)



EasyCoater: Converts From Knife-Over-Air Or Knife-Over-Roller

The Tablecoater

Another entry-level coating and lamination unit in the “Starter Kit” series is the *Tablecoater*.

This unit has a working width of up to 500 mm and features the ability to change coating heads in a few seconds.



Tablecoater: Entry-level Coating And Lamination Unit

The user can choose from a pool of 35 different coating heads that are available for this unit. The *Tablecoater* is also available in an explosion-proofed configuration.

The *Tablecoater* is upwardly compatible with larger pilot plants available from Coatema.

The Dimensions are: L (1200mm) x W (1100 mm) x H (1600 mm).

Starter Kit products are installed at coating companies worldwide.

They can be seen and are available for trials at the Coatema Technical Center in Dormagen, Germany.

The Center provides state of the art technology in coating and laminating and offers a great opportunity for R&D and sample production.

EurotecUSA represents Coatema Maschinenbau GmbH, in the United States, Canada and South America.

EurotecUSA is a international manufacturer's representative with 30 years of experience marketing and servicing leading edge technologies to a broad range of industries.

Editor's Note: Thomas Kolbusch is a Managing Director of Coatema Maschinenbau GmbH and is responsible for worldwide sales and marketing of coating and drying systems for advanced technologies.

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