

CoatWizard has a touch display
utilizing the most advanced technology.



CoatWizard

MEASUREMENTS

Length.....3,750 mm
Width.....2,800 mm
Height.....1,880 mm
Weight approx.....2,000 kg

Loading table, exterior measurements

length.....2,500 mm
width.....1,300 mm

Working area

length.....2,300 mm
width.....1,100 mm

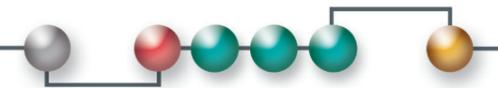
Required working space100–200 m²

Electric supply26 / 18 kW
Electrical connection.....3 x 63 A

The manufacturer reserves the right to make
changes without prior notice.

COATWIZARD

Production meets precision



DUCOR LTD

Ducor Ltd is the worldwide marketing company for CoatWizard. In addition to global sales operations, Ducor Ltd actively develops the films and adhesives used in the process with leading film and adhesive manufacturers. We also offer our customers full aftersales support and consultation.

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Growth opportunity

Versatility with an edge

CoatWizard is a first-rate coating machine, based on vacuum shot technology, for film coating, sophisticated 3D coating and vacuum forming.

In terms of production flexibility, cost-efficiency, and end-product quality, CoatWizard is a frontrunner in its field. It works with several types of materials,

adapts to customized production with ease and produces large batches efficiently.

Customer feedback has proven that CoatWizard offers a significant boost to businesses, in addition to fast payback. Several years of practical experience have shown that the machine is also well suited to extremely thin films such as polyester.

Optimized performance

The low maintenance CoatWizard is the result of years of continuous R&D. Thanks to the operator-friendly touch display, the process parameters are easy to set.

Our swift and thorough CoatWizard installation consists of machine set up and training at the customer's site. We also offer full aftersales support.

"CoatWizard gave my business a real boost."

Kitchen furniture manufacturer Ismo Puurunen was able to double his production capacity with CoatWizard.

Focus on flexibility

CoatWizard offers endless possibilities for film coating, 3D coating and vacuum forming of rigid film.



Production with CoatWizard comprises six simple phases.

Phases 1 and 6 are performed manually. Phases 2, 3, 4 and 5 are automatic and operate according to preset process control parameters. The total cycle time of phases 2-5 is 2-3 minutes, depending on the application.



1

FILM COATING

Interior design of kitchens and bathrooms, cabinet manufacturing, wall and ceiling panels, millwork and moldings

Applicable materials

Fiberboard
Chipboard
Hardboard
Solid wood
Plaster

2

INNOCOATING™*

3D coating for decorative elements

Applicable materials

Fiberboard
Chipboard
Hardboard
Solid wood
Plaster

3

VACUUM FORMING

Door and wall panels, ceiling elements and advertising products

Applicable materials

Polystyrene
ABS
Acryl
Other

1

PREPARATION

In addition to any measured cutting or milling of the workpiece, this phase includes adhesive application, loading the table and drawing the film over the table.

2

PREHEATING

The film is raised to a predetermined distance below the specially designed Infra Red heating unit, which heats the film to the required temperature.

3

VACUUM SHOT

The heated film is lowered onto the table and a powerful vacuum then forcefully 'rips' the film down, and pulls it tightly onto and around the edges and contours of the product.

4

POSTHEATING

The film-coated components are heated to ensure the proper activation of the thermoactive adhesive and tight adhesion of the film on the product surface.

5

COOLING

The table returns to the start position where the film-coated products are cooled with a fan.

6

FINISHING

The products are cut and trimmed of excess film.

*Innocoating™ is Ducor Ltd's registered trademark for sophisticated 3D coating of decorative elements. This innovative technology offers a completely new way to create decorative patterns on various surfaces, with flawless precision detailing. The end results are lighter and more appealing structures such as walls, ceilings and doors.