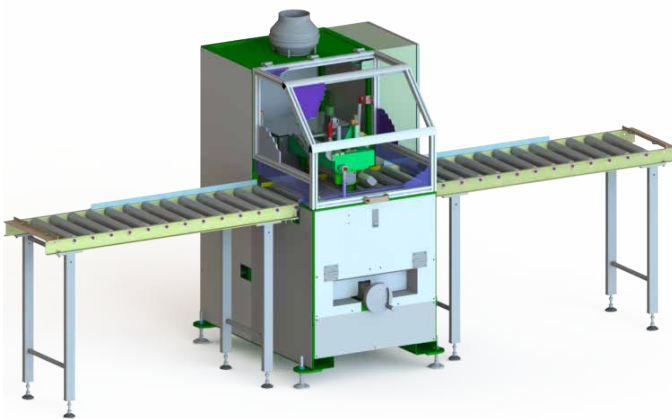


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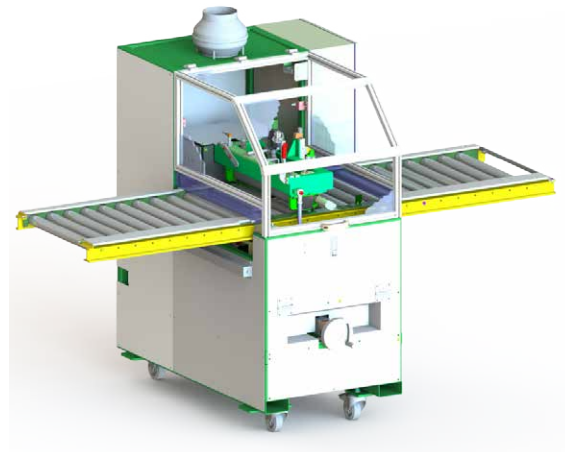
Roller Application Systems RollCoat

Accurate coating | user-friendly
PUR coating without overcost

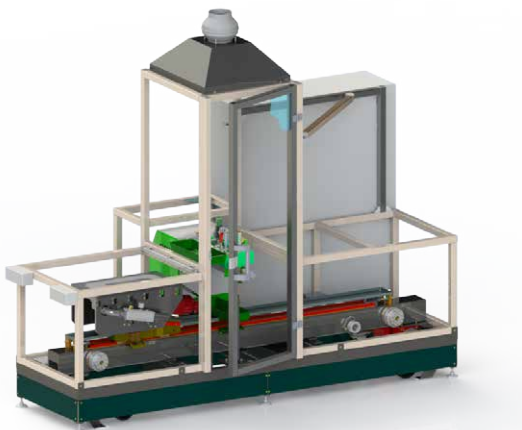
RollCoat Standard



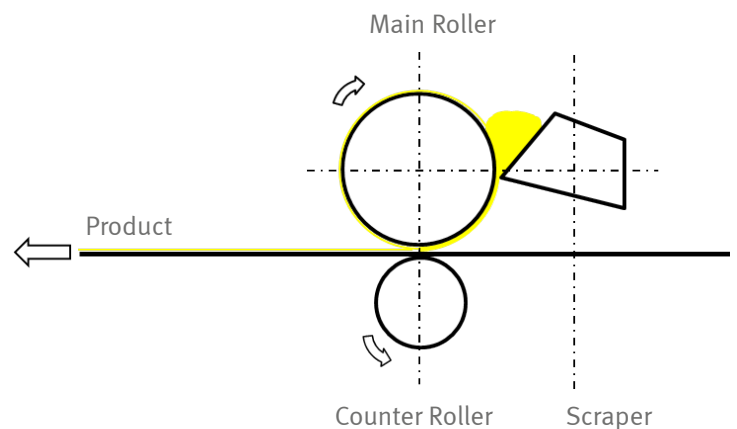
RollCoat Compact



RollCoat Automatic



Principle



Robatech
Gluing Technology

RollCoat

Roller Application top down

Product Description

The RollCoat units can coat products on the entire surface even if they contain holes or have irregular forms, without loss of adhesive. RollCoat units use the principle of top down application to coat onto products. A small amount of adhesive is contained between the roller and the scraper. A precise adjustable gap between the heated roller and scraper defines the adhesive quantity. When the product is pressed by the counter roller against the main roller, the adhesive is transferred evenly onto the product.

Adhesives

The RollCoat units are hot melt roller applicators with a modular structure. They are designed to apply thermoplastic hot melts on the basis of EVA (ethylene vinyl acetate), PSA (Pressure Sensitive Adhesives) and PUR (Polyurethane Reactive) adhesives.

RollCoat units do not have an adhesive tank, only a small adhesive reserve. A premelt device of your needs feeds the adhesive to the roller. The benefit of a small reserve is the ease of cleaning, less adhesive loss during cleaning time, less production interruption and no need of an air dryer system.

Application width

The 3 maximum application widths of the RollCoat Systems are 350mm, 520mm and 820mm.

Advantages

- quantity of adhesive is easy to adjust
- easy to clean
- little adhesive loss
- no air dryer system needed
- good accessibility to main components
- compatible with all Robatech and other melting units
- easy to operate
- low TCO (total cost of ownership)

Technical data

	350 mm	520 mm	820 mm		
Operating temperature	20...210°C or 68...410° F				
Temperature control accuracy	± 3° C				
Coating speed application roller*	3 to 25m/min. Best application at 12m/min				
Speed pressing counter roller	9 to 25m/min. Best application at 12m/min				
Operating voltage	400 Volt AC, 3LNPE, 32A				
Power consumption (kW)	~ 4kWatt	~ 4.7kWatt	~ 6kWatt		
Compressed air supply	5...6 bar conditioned and not oiled according to ISO 8573-1 (class 4)				
Ambient temperature	0...45 °C / 32...113 °F				
Weight	~ 490 kg	530 kg	605 kg		
Safety standards	CE				
	Standard / Compact		Automatic		
Product thickness	> 3 to 100 mm		>1 to 20 mm		
	Foam	Wood	Textile	Steel	Paper
Coating weight*	50-200g/m ² Average of 100g/m ²	80-150g/m ²	60-80g/m ²	50-150g/m ²	40-100g/m ²

* has to be approved for each project

