

SOLAR PVGlassCoat

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Absorber activation by adjustable roller coating for glass substrates

Production equipment for highest quality inline absorber activation of CdTe-layers. Total safety solution with double housing, waste water treatment and exhaust cleaning.

Areas of application

- CdCl₂ activating of CdTe absorbers

Features and benefits

- Inline single side deposition
- Modular design
- High throughput
- Temperature control
- Adjustable roller pressure
- Measurement of the amount of deposited liquid
- Total safety solution
- Double housed system
- Waste water treatment solution of concentrated CdCl₂
- Automatic dosage system
- Up to 1.5 m/min line speed
- Working width up to 1200 mm available





Roller coater lift unit



Pre-heating

Technical Data PVGlassCoat

Process	• Activation of CdTe absorber
Dimensions	approx. 6150 x 2800 x 2200 mm (length x width x height)
Throughput	up to 3 m/min
Substrate size	up to 1200 mm width, adjustable thickness
Media consumption	<ul style="list-style-type: none">• DI water < 0.5 m³/h (depending on activation chemistry)• Exhaust 280 m³/h• Compressed air for drying 2.5 m³/h @ 6 bar• Electricity 3 x 400 V, 82 kW• Noise level Operation side: max. 75 db (A) Backside: max. 80 db (A)