

## ► LIQUID COATING LINE

*For the continuous application of primary coatings, base coats or protective lacquers on digitally printed media*

*Using solvent-free UV lacquers with direct UV curing.*

*1300, 1600 & 2100mm widths*

*Rigid media model*

*Rigid & flexible media model*

*Rigid, flexible and roll to roll media model*



LACQUERING SYSTEMS

# ATECH

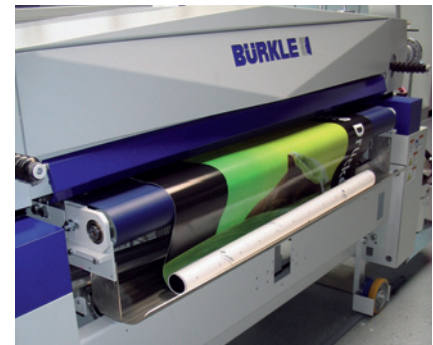
15 Little Mundells  
Welwyn Garden City  
AL7 1EW

01707 373738  
[www.atech.co.uk](http://www.atech.co.uk)

[enquiries@atech.co.uk](mailto:enquiries@atech.co.uk)

# BURKLE

PROCESS TECHNOLOGIES



Perfect for protecting FSDUs

## ROLLER COATING MACHINE *e.a.sy-Coater RCLM*

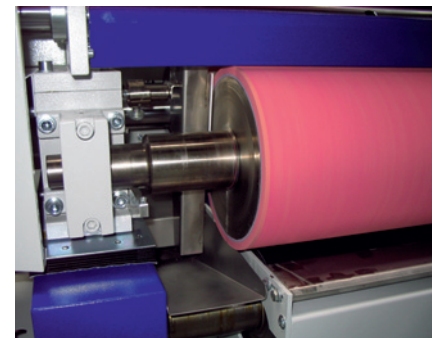
The Bürkle roller coating machine RCLM is the result of long practical experience and provides the best possible technical solution to meet your application requirements of today and tomorrow.

### FIELDS OF APPLICATION

- Application of UV-based lacquers for the protection and the enhancement of large format digital prints.
- Liquid coating of flexible and rigid materials with a thickness between 0,1 and 80 mm.
- Processing of digitally printed products made from materials such as composite panels, cardboard, corrugated cardboard, foils, wood based panels etc.

### DESIGN OF THE MACHINE

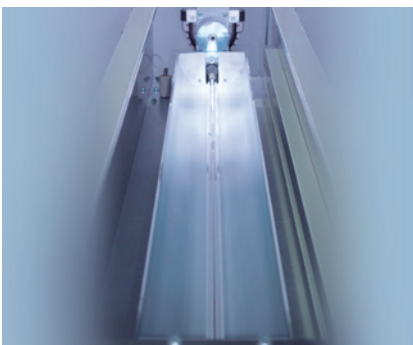
- Stable machine frame built with vibration-absorbing cast-iron.
- Independent transport system mounted into the machine frame. For maintenance the transport system can be removed easily.
- Scraper blades, quickly exchangeable for cleaning.
- Separate, frequency-controlled direct drives for applying, doctor and transport roller.
- Chromium-plated doctor roller with a sensitive roller adjustment.



Please contact Atech for information on the TAV super automated loader /cutter/ stacker. Perfect for cardboard engineering

Elitron Kombo TAV





## UV UNIT *e.d.sy*-Cure UV

### FIELDS OF APPLICATION

- Single-sided curing (partial or full polymerisation) from the top of UV lacquer on flat workpieces.

#### *Pantone Flood Coatings available*

### DESIGN OF THE MACHINE

- Belt conveyor with integrated vacuum table for the secure transport especially of light workpieces.
- Steplessly adjustable, frequency-controlled direct drive.
- Driven transition rollers at the infeed for short workpieces.
- Switch cabinet for the complete LFC machine conveniently placed underneath the UV-Unit.

### UV MODULE

- UV lamp and reflector removable from the top.
- Automatic swivelling reflector in case of transport stop.
- Light protection curtain at the outfeed.

### DECISIVE ADVANTAGES

- UV power adjustable to the specific requirements of each coating process.
- Electronic ballast optionally available for a maximum fuse protection of 63 A on site. The power connection in this case happens with a Cekon-Plug & Socket connection.
- Central connection point for electrical power and compressed air for the entire coating line.

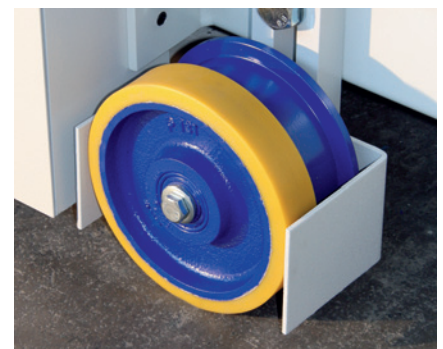
### DECISIVE ADVANTAGES

- Stable machine design ensures a high quality lacquer application on pieces with a width of up to 2.100 mm.
- Steady and reproducible coating results are the basis to offer guarantees on the durability to the end-user.
- Processing of gloss and matt coatings with application amounts between 5 and 30 micron.
- Efficient and economic technology to coat pieces with coloured lacquers, also for small batch sizes.

### SUMMARY

Fast, economical application of

- Liquid Laminates
- Flood coating
- Ink adhesion promoters
- 1300, 1600 & 2100mm
- Rigid media coater
- Rigid & Flexible media Coater
- Rigid, Flexible and roll to roll media coater



**Technical Data Liquid Coating Line e.a.sy-Line LFC**

Working width	1300	1600	2100	mm
Working height	1040 ± 20	1040 ± 20	1040 ± 20	mm
Feed speed	5 – 25			m/min.
Passing height	0,1* – 80	0,1* – 80	0,1* – 80	mm
Length of line approx.	2930			mm
Width of line approx.	3350	3650	4150	mm
Operating side right side left side on request				

\* Requires optional equipment

**Technical Data Roller Coating Machine e.a.sy-Coater RCLM**

Rubber covered applying roller Ø	240	mm
Chromium plated doctor roller Ø	172	mm
Speed of doctor roller	2 – 10	m/min.
Driving power approx.	3	kW
Length of machine approx.	800	mm

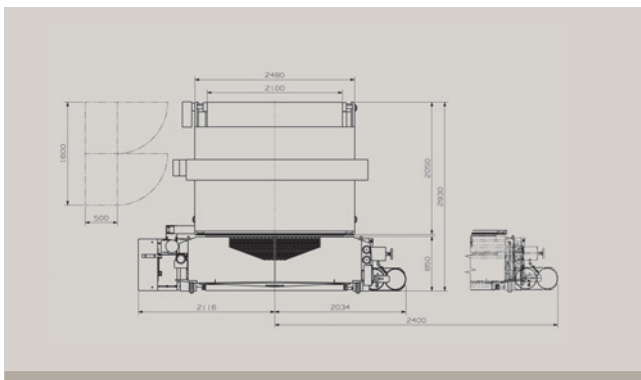
**Technical Data UV Unit e.a.sy-Cure UV****Belt Conveyor**

Length approx.	2000	mm
Driving power approx.	0,55	kW

**UV Module**

Number of lamps	1			
Specific lamp power maximum	120			W/cm
Lamp medium	Quecksilber o. Gallium   mercury or gallium			
Arc length approx.	1420	1755	2280	mm
Connected load	17,8	21,8	30,6	KW
Exhaust air volume per lamp approx.	1200	1600	2200	cbm/h
Safety devices as per CE				

Subject to technical modifications without notice



Liquid Coating Line e.a.sy-Line LFC 2100

Switch cabinet is not applied when using an electronic ballast instead of a transformer.

Atech Limited  
15 Little Mundells  
Welwyn Garden City  
AL7 1EW

01707 373738  
www.atech.co.uk

enquiries@atech.co.uk