



**ADVANCED TECHNOLOGY
FOR THE WALLPAPER INDUSTRY**



ABOUT US

OLBRICH is the major supplier of production lines for the wallpaper industry – for good reason – because OLBRICH lines set standards both in regard to efficiency and to the flexibility of applications.

From the single winding machines up to the complex combined printing lines: We supply a custom-fit high-quality line to you which is easy to maintain. This is advanced technology for the wallpaper industry.

We constantly strive for new developments – to our customer's advantage. One example is the digital printing technology for wallpapers: We reached new heights in our technical centre lately and we will continue to customize solutions.

That is what we call “create intelligent solutions”.



OLBRICH Headquarters Bocholt, Germany. Founded 1949



*An insight of the OLBRICH technical centre:
combined printing and coating lines
are available for customer trials*

Highest Quality for an Optimum Efficiency.

PROCESS ENGINEERING TECHNICAL CENTRE R&D

DESIGN PROJECT MANAGEMENT FABRICATION

TURN-KEY INSTALLATION SERVICE PROCESS

ENGINEERING TECHNICAL CENTRE R&D

DESIGN PROJECT MANAGEMENT FABRICATION

TURN-KEY INSTALLATION SERVICE PROCESS

ENGINEERING TECHNICAL CENTRE R&D DESIGN

PROJECT MANAGEMENT FABRICATION TURN-

KEY INSTALLATION PROCESS ENGINEERING

SERVICE TECHNICAL CENTRE R&D DESIGN

PROJECT MANAGEMENT FABRICATION TURN-KEY

INSTALLATION TECHNICAL CENTRE R&D DESIGN

PROJECT MANAGEMENT PROCESS ENGINEERING

FABRICATION TURN-KEY INSTALLATION SERVICE

PROCESS ENGINEERING TECHNICAL CENTRE | R&D

DESIGN PROJECT MANAGEMENT FABRICATION



OUR WALLCOVERING CUSTOMERS' PRODUCTS:

All kinds of wallpaper, particularly:

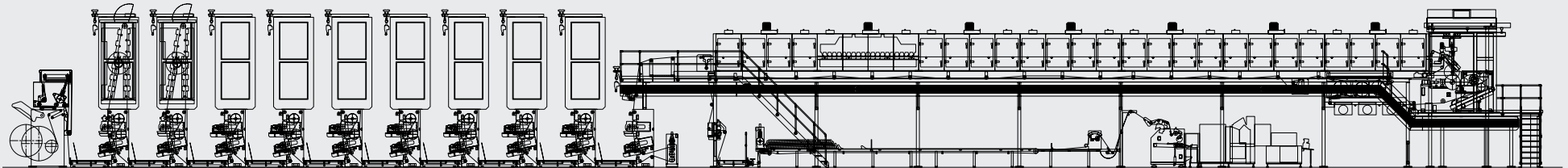
- Expanded vinyl wallpaper (on the basis of paper or fleece)
 - Compact vinyl wallpaper (on the basis of paper or fleece)
 - Duplex wallpaper
- Commercial Wallcoverings for object applications

OUR PRODUCTS:

- Combined printing lines with gravure printing, screen printing and flexo printing units
- Digital printing technology
- PVC coating lines
- Hot vinyl embossing lines
- Duplex lines
- Laminating and embossing lines
- Winding machines
- Line modification and modernization

RESIDENTIAL WALLCOVERINGS

Continuous innovation has made us the largest supplier of machines for residential wallcoverings today. In the last twelve years alone, our engineers and process specialists have implemented hundreds of projects – including more than 60 combined printing lines for the pan-European wallpaper industry. With our systems, you can effortlessly create a variety of different decors using a wide variety of materials. Highest reliability and quick change-overs for minimum downtimes are a matter of course for your OLBRICH systems.



Example: Combined Printing Line; Working widths: 600 mm to 1.200 mm; Speed (mech.): 5 to 150 m/min.

Screen printing module:

- Screen printing stencil easily changeable
- Gap between stencil and back-up roller adjustable by motor
- Side register and screwing adjustable
- Doctor adjustment by motor
- Automatic regulation of the ink flow

Gravure printing module:

- Design roller easily changeable
- Gap between design roller and back-up roller adjustable by motor
- Side register and cross dimension adjustable
- Ink supply into a traverse-motion filling doctor or a chamber doctor with continuous pump circulation system.



Courtesy of OOO Arteks

Advantages of the Combined Printing Line:

- Flexibility by combination (screen/gravure/flexo printing modules)
- Each printing unit with individual drive
- Integrated cooling water distribution
- Web tension detection and indication for each printing unit
- Graphic display of the operating function via touch screen
- Digital pre-registering of printing press and embosser possible
- Quick register finding (<< 100 m)
- Easy screen/print cylinder handling and cleaning

Drier:

- Frequency-controlled fans for the recirculated air
- Air speeds selectable between 15 m/s and 35 m/s
- Upper and lower air nozzles
- Gas- or oil-heated driers
- Filter cartridges easily accessible

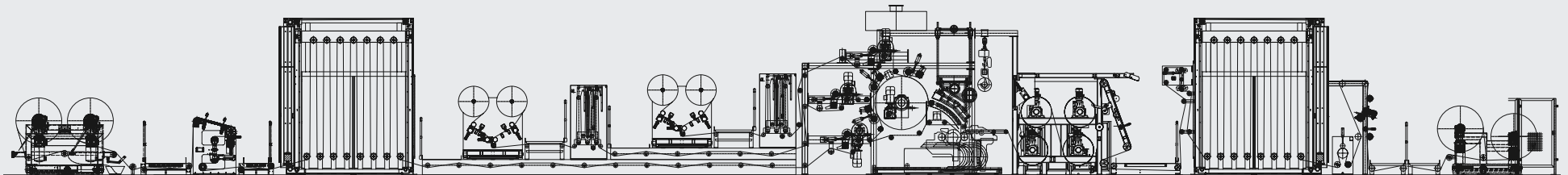
Embossing in register:

- Variable wrap angle around the embossing roller
- Suitable for foam and compact vinyl products
- Quick pre-registering of the embossing roller
- Engagement of the embossing roller at full line speed

COMMERCIAL WALLCOVERINGS

OLBRICH comes with a broad experience in laminating and embossing lines for decorative film products. Our lines are regarded worldwide as a reference for quality – among others by automotive groups and suppliers, artificial leather manufacturers for luxury shoes or bags as well as the major manufacturers of home decoration for furniture, windows or wallcoverings. We can provide you with our full services from conception to extensive tests in our technical center with conditions close to real production up to the start-up support for your new line.

Our line concepts include laminating lines, embossing lines, printing lines and also inspection & winding lines.



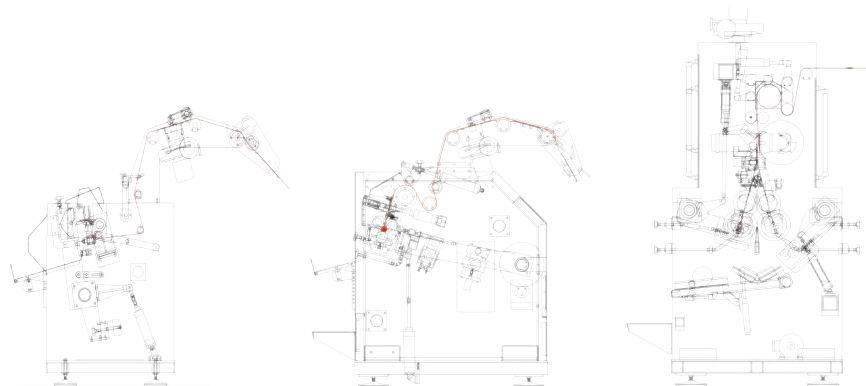
Example: Laminating and embossing line

Our Customers' Products:

- Coated fabrics
- Laminated fabrics
- Solid sheet vinyl with or w/o textile backings
- Paper backed vinyl/
solid sheet vinyl



WINDING MACHINES



Type	RM-VA	RM-SW**	RM-DK
Working width in mm	570, 700	600, 750, 1060, 1200, 1600	600, 715, 750
Speed in m/min	300	300	300
Cycles per minute (L=10,05 m) max.	11	8	24
Inside diameter in mm	25 - 35	35 - 45	25 - 35
Outside diameter in mm	50 - 130	60 - 180	50 - 130
Operation mode continuous	no	no	yes
Material infeed, pattern side	top	top	bottom
Transfer of roll to packaging unit	rewinding*	rewinding*	unwinding*

Field of Application			
Paper, wallpaper underlay (Simplex/Duplex)	•	•	•
Acrylic wallpaper	•	•	•
Compact PVC wallpaper	•	•	•
Non woven wallpaper	•	•	•
Wood-chip wallpaper	•	•	•
Glass fibre		•	
Foamed wallpaper		•	
Textile wallpaper		•	
Foamed film		•	
Cork		•	
Polystyrene		•	
Self-adhesive tape (with release liner)		•	
Artificial leather		•	

* Accumulator required e. g. flat belt accumulator or roller accumulator

** For RM-SW: Special design for rolls with core on request



