



Versatile solutions

We support our customers from A to Z, primarily in the industrial sectors:

Consumer Goods and Electronics

e.g. Home Appliances, User Interfaces

Graphics

e.g. Flexoprinting, Cards and Passports, Special Labels

Transportation

e.g. Design and Function, Interior and Exterior, Applications, Automotive Electronics

Building & Construction

e.g. Building & Construction, Energy efficient Building, Architecture

Medical

e.g. Diagnostics, Wound Care, Surgical

Hygiene

e.g. closure solutions for hygiene products

Your contacts

The High Performance Coating Line team will always be pleased to answer your questions and can be contacted under:

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The High Performance Coating Line in Lohmann's new Technology Center



A history full of future

With the background of its 168 year old history, Lohmann is a pioneer in the bonding technology sector. Although invisible, today Lohmann adhesive solutions are used everywhere. With more than 1,800 employees at 29 locations and 50 sales partners throughout the world, Lohmann is a highly modern, global enterprise.

The Technology Center at its headquarters in Neuwied, where the High Performance Coating Line is located, has greatly contributed to this development. With this major investment, Lohmann clearly displays its orientation towards a global, high-tech company for innovative bonding solutions.



Innovation: for our customers

The High Performance Coating Line (HPCL) is one of the most versatile pilot coating systems world wide with a clear focus on the highest possible precision. It is Lohmann's platform for innovative process technology and coating technology.

In this modern environment, products for emerging markets such as medical, electronics, and automotive can be produced on a pilot scale. For this purpose, the system is completely clean room compatible. This enables the processing of the most sensitive materials and the generation of the most modern product designs. Together with our customers, we shall always find the right coating solution.

Technical Specifications

Basic data

Coating width [mm]: max. 500
Web speed [m/min]: from 0.1
Coating amount [g/m²]: 1–300 (dry)
Substrate thickness: 4–3000 μ

Modular coating capabilities

3-roll coater (direct/indirect)
open structure coating (direct)
Gravure coating (direct/reverse)
Kommabar coating (direct/indirect)
Slot die/curtain coating
Mayer-bar coating

Drying technology

High capacity idler roller dryer

Additional techniques

Lamination: temperature-controllable and variable inlet angle
Cleanroom: Room ISO class 7 (10,000)
Coating ISO Class 6 (1,000)
Web Cleaning: 2 pieces on either side
Surface discharge: 16 active systems
Pretreatment: 2-sided corona and plasma
Order measurement: high-resolution, non-contact, in-line, traversing