



THROUGHFEED PRESS LINES

Wemhöner
Throughfeed Press Lines
set the standards.
Worldwide



WEMHÖNER SURFACE TECHNOLOGIES

Technology, quality, innovation – these are the three pillars in the success story of Wemhöner for almost 90 years. Traditionally linked with the wood based panel industry, the furniture industry and their suppliers, around 300 employees produce machines and equipment for value adding of wood based panels.

New technologies are developed at the highest level and quality standards are optimised at the headquarters in Germany, always in close cooperation with the customers. Wemhöner sets standards with its short-cycle and throughfeed press lines, 3D VARIOPRESS® systems, lightweight panel equipment, digital- and direct printing and lacquering equipment. Worldwide.

Wemhöner provides complete system solutions which guarantee optimal production processes and reliable production, due to the perfect combination of technology and the company's decades of engineering experience.

Headquartered in Herford, Germany since 1925: Wemhöner Surface Technologies.





The plant in Changzhou, China.

The international focus and the continuous efforts to create new ideas are the reason for the global success of Wemhöner Surface Technologies. Wemhöner (Changzhou) Machinery Manufacturing was founded in 2006 with the intention to be present in the most important future market for the production of furniture.

Since the summer of 2007 the first factory outside Germany has been in operation. Until today, more than 120 3D Eagle press lines have been produced for the Chinese and international market. In 2008 the first throughfeed press line was built. Short-cycle press lines and lightweight panel equipment expand the portfolio of Wemhöner Changzhou since 2009. The production area of approx. 3.000 m² right at the beginning was quickly doubled and has reached more than 8.000 m² in 2014.

Due to the headquarters in Europe and its additional facility in China, Wemhöner is well prepared for the future and is able to react immediately on growing trends in established markets, but first of all to break into emerging markets. That makes the state-of-the-art technologies from Wemhöner available for customer's worldwide.



WEMHÖNER THROUGHFEED PRESSES

For many decades interior design has been dominated by harmonising trends for furniture, doors and flooring. Nowadays interior design is defined by individuality. Modern or nostalgic, fanciful, straight or presentable – all these styles can coexist and their combined use gives the room extra character. These effects are enhanced by the wide variety of materials available for surface finishing which meet the varied aesthetic demands.



This demands production processes which offer the necessary flexibility in the use of both the core and surface laminating materials, but also offer maximum quality and efficiency. Based on decades of experience in surface finishing, Wemhöner Surface Technologies have developed machines and lines which offer an unparalleled level of speed, flexibility and efficiency. Wemhöner Single- and Multi-Daylight Throughfeed Press Lines set the standards in the furniture and door industry. Worldwide.





QUALITY ON ALL LEVELS

Our Multi-Daylight Throughfeed Presses are prime examples of an optimum balance of product, production process and capacity. Depending on local conditions and in close cooperation with our customers, the lines are designed, produced and first fully assembled in advance at the Herford factory to test production functions before being assembled and set up at the customer's location.

TECHNICAL DATA

Application:

Lamination and pressing of wood based panels such as MDF, particle board or lightweight boards with veneers, finish foils, HPL etc.

Products:

Parquet, interior doors, worktops or furniture components.

Dimensions:

Max. pressing area: 6 m length, 2,2 m width
Specific pressure
10–200 N/cm².





Wemhöner Multi-Daylight Throughfeed Presses can be installed on top of or next to one another. Infeed and outfeed is done fully automatically. The transport of workpieces within a press daylight is handled by linear guided foil belts. The press pistons positioned above the pressing plates ensure an even distribution of pressure from less than 10 N/cm² to more than 200 N/cm². Fluids such as thermal oil or hot-water heat-up the heating plates to a temperature of up to 130°C.





COMPLETE, FAST, FLEXIBLE

Wemhöner Surface Technologies offers Multi-Daylight Press Lines as a complete system solution. Fully automatic lay-up systems and stacking devices are matched to the production process and round off the complete line. This ideal combination of automation, material lay-up and transport is second to none with respect to flexibility, speed, reliability and efficiency.







The Wemhöner Throughfeed Press Lines in single-daylight execution are ideal for the value adding process of covering wood based panels with veneer. They are mainly used for the production of materials for the door, panel and flooring industry. Both the entry level models and the fully automated systems can be equipped to provide the utmost flexibility for small to large series production.

ALL ON ONE LEVEL

TECHNICAL DATA

Application:

Lamination and pressing of wood based panels such as MDF, particle board or lightweight boards with veneers, finish foils, HPL etc.

Products:

Parquet, interior doors, worktops or furniture components

Dimensions:

Max. pressing area:
16 m length, 3,2 m width
Specific pressure
10–200 N/cm²



Equipment alternatives: Individually controlled pressure cylinders enable variable and optimum use of the pressing area. The additional separate temperature control system enables simultaneous coating of different surface materials on the two sides. The automatic charge scanning system varies the specific pressure depending on the surface area to be pressed. The integration of an additional glue application device enables a quick change between UF and PVAc glues. Wemhöner offers customised material handling systems for the infeed and outfeed of the press. Infeed and stacking devices are designed in one- or two-sided, manual or automatic execution. Laminating materials such as veneers, decorative foils, laminates or balance/backing paper can be fed manually or automatically.

Wemhöner Surface Technologies

GmbH & Co. KG

Planckstraße 7 | 32052 Herford | Germany

Fon +49 5221 77020 | Fax +49 5221 770239

www.wemhoener.de | sales@wemhoener.de

