

Combining what belongs together.

HE HOMAG

Our Laminating Systems

LAMTEQ F-200

LAMTEQ F-300

YOUR SOLUTION







Laminating with HOMAG

Laminating is currently experiencing something of a renaissance in the field of decorative finishing of wood-based panels. Major trends such as high-gloss, supermatt, or tactile structured surfaces are raising the bar for surfaces in the furniture industry. Today, technical innovations and continuous developments are making laminating a powerful, flexible, and reliable finishing procedure. Progress made in using hot-melt glues — and in particular, reactive PUR — is replacing entire generations of glues such as PVAc. Improved quality in resistance to moisture and temperature qualify PUR in particular for use as a binding agent between panels and surface films.

The different requirements for surfaces in furniture manufacturing demand clever production solutions that can be achieved by utilizing the experience and solid process expertise of HOMAG. HOMAG has aligned and expanded its portfolio on this basis. Customized laminating technology for customer-specific solutions. Give us a try!

YOUR SOLUTION

MORE ON:



LAMTEQ F-200

CONTENT

- 04 Quality from a single source
- 06 The LAMTEQ series – a product guide
- 08 LAMTEQ F-200 – laminating with PUR adhesives
- 10 The concept of a PUR laminating line
- 12 The system that grows with you
- 14 Pioneering lamination
- 16 The lay-up stations / Cell concepts of the LAMTEQ F-200
- 28 High-performance laminating lines: the LAMTEQ F-300
- 32 The concept of the LAMTEQ F-300 / The laminating process
- 38 Nozzle technology
- 40 The reacTec offline method
- 40 LAMTEQ F-300 completeLine
- 42 HOMAG LifeCycleServices

Quality from a single source: HOMAG. **YOUR SOLUTION.**

We are the world's leading manufacturer of machines and systems for the wood-processing industry and trades. As a global player, we operate international production plants as well as sales and service companies. With around 6000 employees, we have a presence in more than 100 countries and an estimated global market share of just under 30%. Our customers use high-tech HOMAG Group machines and systems to produce home and office furniture, kitchens, parquet and laminate flooring, windows, doors, staircases, and even complete prefabricated timber-frame buildings. The range of machines and systems available extends from individual machines for trade businesses to complete, networked production lines for highly industrialized, individual furniture production. Our wide range of services related to the machines and systems together with the corresponding control software makes our offering unique.



FROM INDIVIDUAL MACHINES, THROUGH AUTOMATED CELLS, EXTENDING TO COMPLETE PRODUCTION LINES:





Active worldwide: With around 6000 employees, we have a presence in more than 100 countries and a market share of just under 30%.

Discover what we have to offer

Regardless of whether you are in trade or are an industrial manufacturer, whether you manufacture furniture parts or flooring panels, whether you use coating materials that come in rolls or sheets: HOMAG laminating systems offer a

wide range of possibilities and therefore the right solution to meet your requirements. The product guide outlines which laminating line is the right one for you.

LAMTEQ SERIES PRODUCT GUIDE

Laminating solutions	Parts range					Production parameters						
	Furniture and kitchen furniture	Parts with high-gloss/supermatt surfaces	Parts with veneer surfaces	Honeycomb panels and composite materials	Flooring panels	Feed speed up to 25 m/min.	Feed speed up to 40 m/min.	Feed speed up to 60 m/min.	Single-sided lamination	Double-sided lamination	Surface lamination	Surface and edge lamination
LAMTEQ F-200 PUR surface laminating line	X	X	X	X	X	X			X		X	
LAMTEQ F-300 PVAc surface laminating line	X				X		X		X	X	X	
LAMTEQ F-300 Hot-melt surface laminating line	X	X			X			X	X	X	X	X



Adhesives					Adhesive application method				Coating material				
PUR hot-melt	PVAc dispersion	reactTec Inline (application on film)	reactTec Offline (preglued film)	PO, EVA hot-melt	Application on the workpiece with a roller	Application on the coating material with a roller	Application on the coating material with a slot nozzle	Application on the coating material with a roller bar	Thermoplastic films (PVC, PP, PET) on rolls	High-gloss and supermatt films on rolls	Decorative papers on rolls	Sheet laminates (HPL, CPL, PMMA, PET)	Sheet veneers
X					X				X	X	X	X	X
	X				X	X			X		X		
X		X	X	X			X	X	X	X	X		



LAMTEQ F-200 — laminating with PUR adhesives

Polyurethane-based adhesives offer a wide range of applications and a broad spectrum of properties. They are distinguished by maximum adhesion, are suitable for both indoor and outdoor components, and are highly resistant to solvents, water, steam, heat, and cold. Since PUR adhesives do not contain any moisture, substrates do not swell and

stresses during the drying process are prevented. PUR adhesives are suitable for bonding a vast array of materials. Due to the low processing temperature, they are ideal for thin thermoplastic films and are used wherever high-quality standards are a must.



High-quality furniture parts: Materials laminated with gloss film in a throughfeed process and glued with PUR.

„Our wealth of experience and expertise in laminating technology allows us to offer you customized and clever solutions. Using a modular system, we can meet your requirements right through to the final installation.“

Philipp Henry, Product Manager Lamination, HOMAG

Basic focus of the LAMTEQ F-200:

- Focused on PUR adhesive
- Single-sided lamination of the surfaces from the top
- Modular machine concept allows different configurations of line layouts
- HOMAG offers manual or fully automated solutions for any capacity or application

The concept of a PUR laminating line

The core elements of every LAMTEQ F-200 are a glue application machine, a lay-up station, and a laminating calendar. The glue application machine applies the PUR adhesive to the base panel using a rubberized application roller. The base panel is merged with the coating material

in the lay-up station. A pair of rollers presses the base panel and the coating material together in a throughfeed process in the laminating calendar. These core elements can be configured to meet the individual requirements of our customers by the use of optional equipment.



- 1** Infeed roller conveyor can be equipped with workpiece guides, rotational and transverse brushes, workpiece preheating
- 2** Brush machine for double-sided cleaning of the base panel

- 3** Glue application machine with heated application rollers for applying PUR adhesive
- 4** Lay-up station with shelf for sheets of coating material

- 5** Laminating calendar for pressing base panel and coating material together

„The heart of a laminating system is the glue application. Only an even application across the entire surface with equal grammage achieves the same properties and visual appearance throughout.“

Stephan Kleinlanghorst, Application Engineering, HOMAG



6 Unwinding station mounted on the laminating calender for paper, CPL, and thermoplastic films on rolls. Available with a rotative knife for cutting the rolled coating material

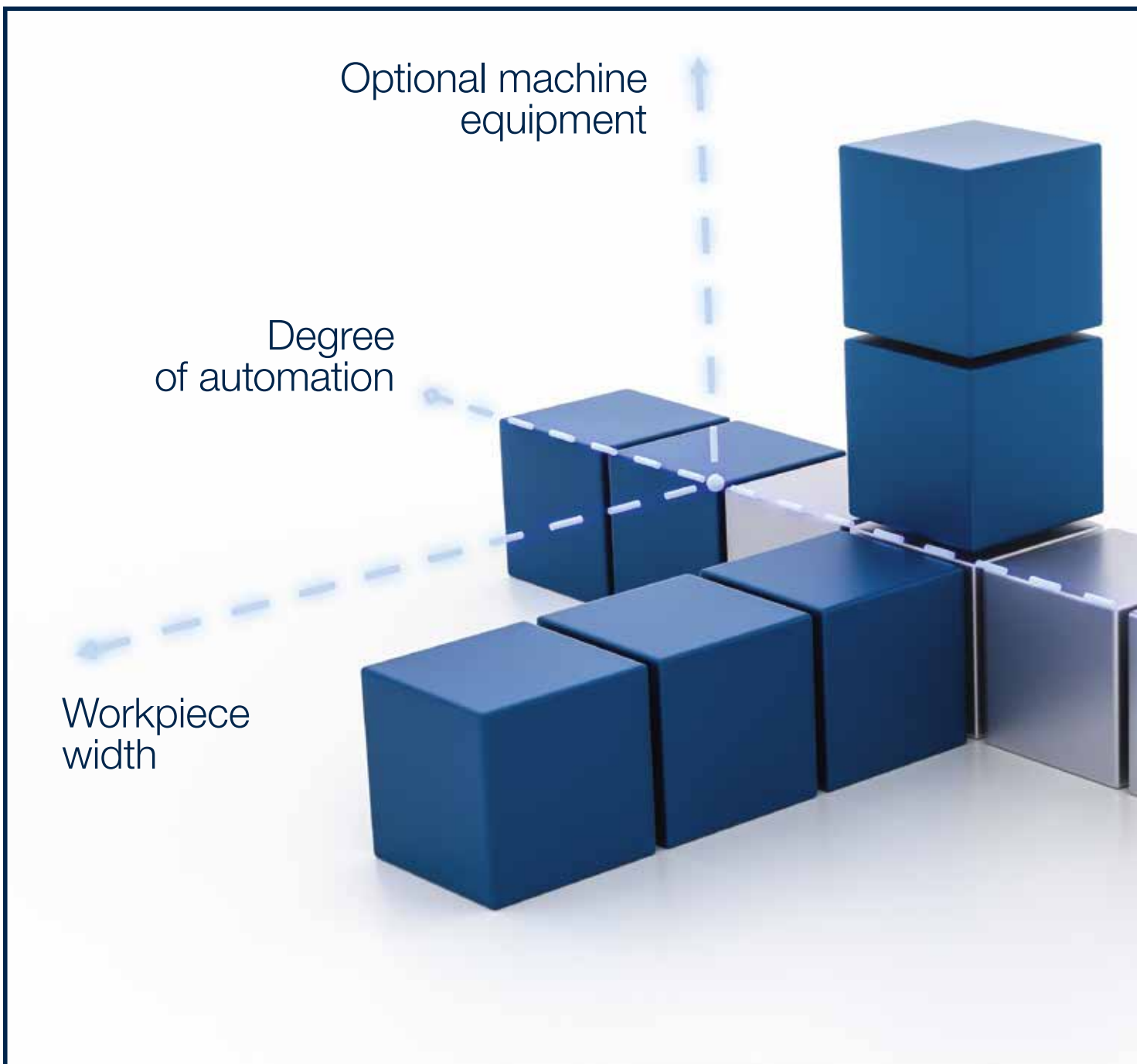
7 Outfeed conveyor, can be extended with automatic destacking

8 External heating device for melting PUR adhesive, available for 20 – 200 kg barrels

Flexible and modular: the LAMTEQ F-200 grows with you

Flexibility and modularity are the distinguishing features of our LAMTEQ F-200 series. And it is precisely these features that make the laminating system the perfect tool for our customers. The specific configuration of a system can always be converted to meet customer requirements — and when

they change, the LAMTEQ F-200 does too. Thanks to our concept, the laminating system has sufficient freedom to always be able to meet future needs. Come and talk to us — we will be happy to advise you!





Perfect gloss. Materials laminated with gloss film in a throughfeed process.



PUR flat laminating machine
LAMTEQ F-200

You can choose:

- Workpiece width of 1300 mm, 1500 mm, or 1700 mm
- Process steps: e.g. cleaning, preheating, cutting
- Machine equipment: e.g. cleaning modules, tilt tables, automatic lay-up stations, foil cutting devices etc.
- Degree of automation: e.g. roller conveyors at the infeed and outfeed, feeding and stacking for automated supply/removal of workpieces, material handling systems such as turners, angular transfers, or return stations



Process
steps

Temperature up to
degrees (optional: up to 200°C)

165

Feed

5 – 25

meters per minute

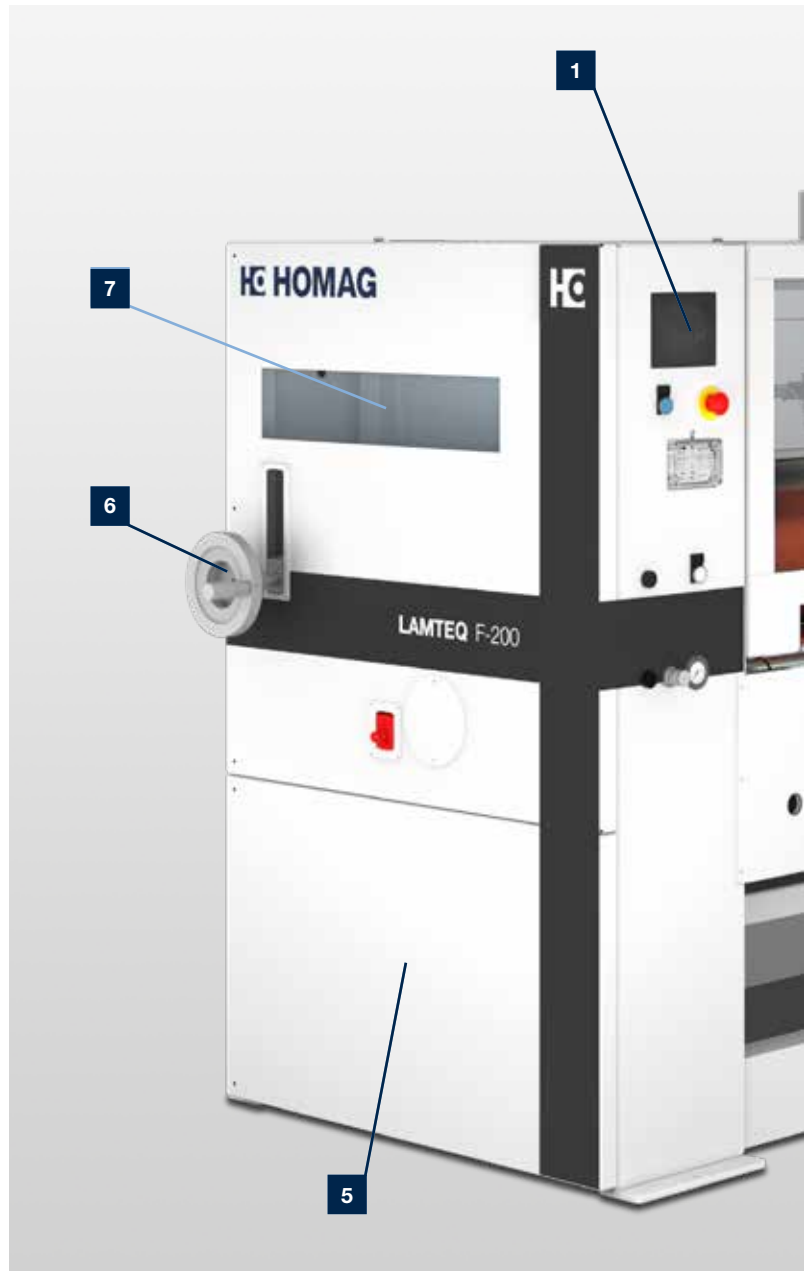
Workpiece widths up to

1700

millimeters in the standard version

Pioneering lamination...

It is not only the quality of the base panel material and the coating material that is vital to the result of the laminated end product: The quality of the glue application has a decisive impact on the quality of the laminating. Our glue application machine enables you to achieve the best results. To ensure



a uniform application of PUR glue, the LAMTEQ F-200 glue application machine is extraordinarily solid. Furthermore, our gluing concept offers innovative technical functions that underline the solution-oriented focus of the LAMTEQ F-200 series.



1 Control panel for entering parameters, checking the machine status as well as for starting and executing cleaning programs

2 Extraction socket

3 Outfeed transport

4 Application roller

5 Integrated switch cabinet

6 Fine adjustment of the dosing roller

7 Monitoring window

Highlights

Automatic adhesive grammage regulation:

- Applied adhesive quantity is determined by retrieving several process parameters and is automatically adjusted.

Automatic cleaning programs:

- Cleaning cycles and durations are monitored.
- Operator is guided in detail through the cleaning programs.

Quality and production monitoring via WiFi:

- Relevant machine parameters can be read online via tablet and partly be adjusted.

Customer benefits

Functionality:

- Good accessibility
- Easy roller change
- Intuitive operation

Uniformity and continuity:

- Uniform and consistent adhesive application over the entire workpiece
- Repeatability of the settings
- Recording of the current production data

Efficiency:

- Avoidance of gluing errors
- Prevention of mishandling
- Accurate application of the specified adhesive quantity



The different lay-up stations of the LAMTEQ F-200

To underline the modularity and flexibility of the LAMTEQ F-200, we offer different configurations of lay-up stations, in lengths of 3000–5000 mm, adapted to the coating material to be processed. You can also select

different degrees of automation, for pure manual placement up to automatic separation and supply of the sheets of material.

Lay-up station Power

- Optional extension of the lay-up station Performance for automatic separation and supply of laminates.
- Three powered belts combined with a vacuum system and a drive roller separate a laminate from the magazine and automatically supply this to the pair of pinch rollers of the lay-up station, aligned along a lateral guide.
- The vacuum system is stopped automatically as soon as the laminate is positioned.



Lay-up station Classic for manual placement of laminates

- Consisting of a placement table for the laminate and a conveyor belt beneath that for conveying the workpiece.
- The placement table and conveyor belt can be moved crosswise to the throughfeed direction independently of one another. Regardless of the workpiece width, the operator can always work directly close to the workpiece.
- Manual feeding of the laminate via a ramp to a glued workpiece.
- Crosswise supply of rigid materials.



Lay-up station Performance for semi-automated placement of laminates

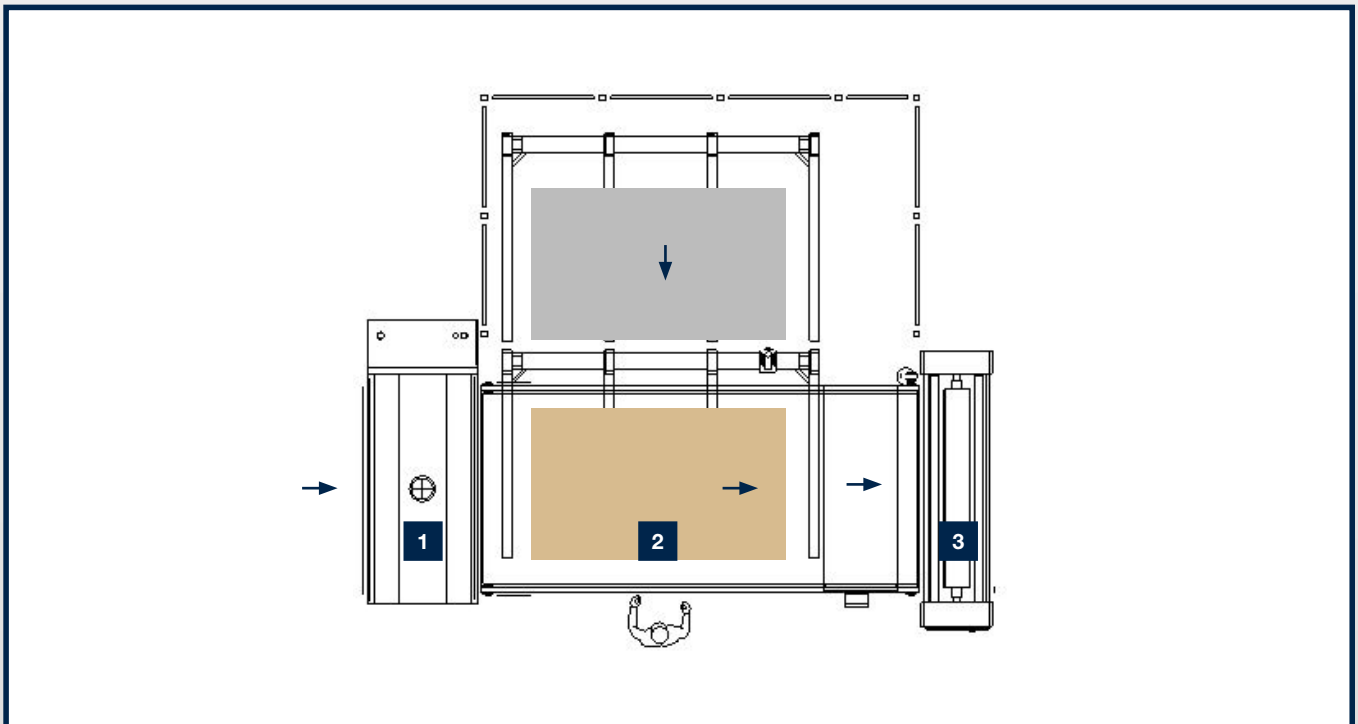
- Consisting of a laminate magazine, a supply ramp with an attached pinch roller, and a workpiece conveyor beneath that
- The operator supplies the laminates manually from the magazine via a ramp, aligns them to a fixed edge, and releases the process by pushing a button. The laminate is automatically placed on the workpiece at synchronized speed without stopping the feed.

Suitable for a wide variety of products: the LAMTEQ F-200

The modularity and flexibility of our LAMTEQ F-200 and the diverse possibilities for use of PUR adhesives mean that the HOMAG laminating system can be used to manufacture a

wealth of different products. One of the following concepts will certainly meet your requirements and thus enable you to start planning your system easily.

Entry-level concept: glue application + lay-up + calender



1 PUR glue application machine

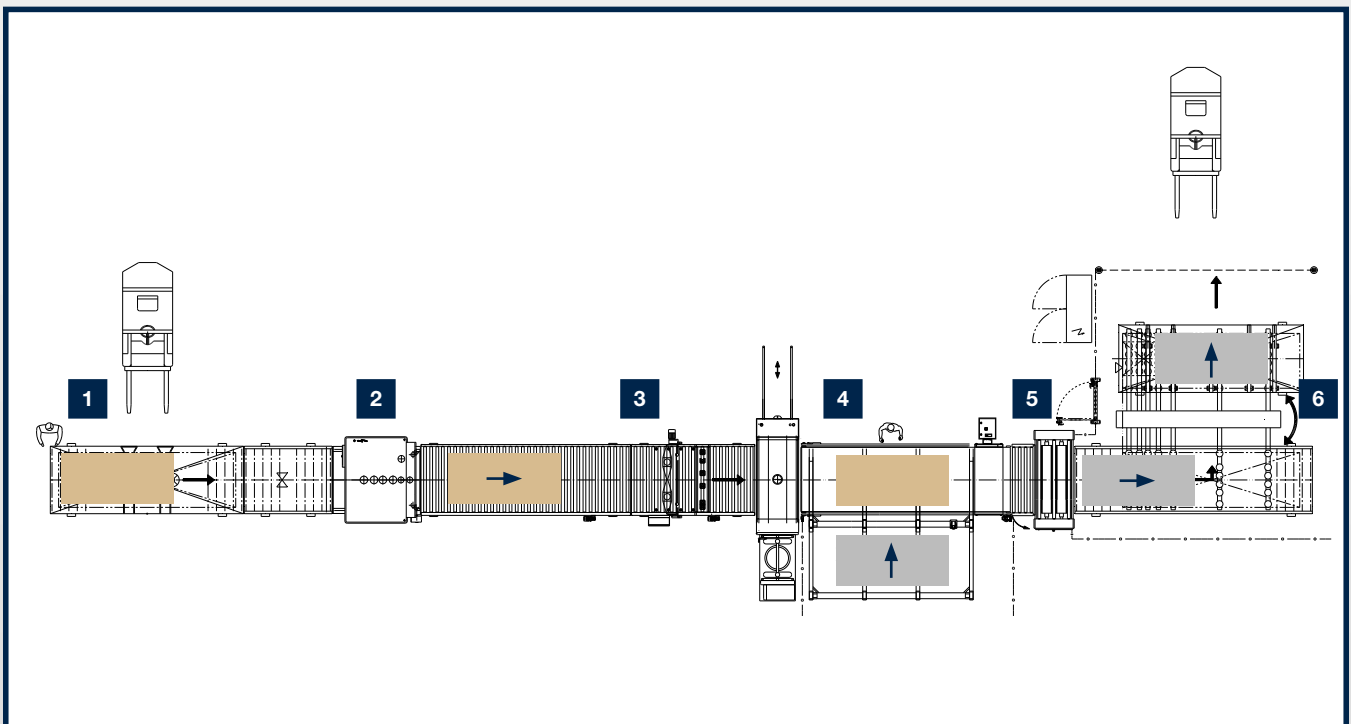
2 Lay-up station for laminates

3 Calender for pressing

Suitable for:

- Trade businesses that want to replace their veneer press with manual glue application by using an efficient throughfeed process.
- Industrial users as an entry-level model. The option to extend the machine to become a fully automated system is only intended for future use.
- Businesses that want to process the highest quality of material combinations in small batches.

Concept for worktops and panels



- 1** Supply by means of a push-in device
- 2** Sanding machine for calibrating raw panels
- 3** Cleaning station
- 4** Glue application, lay-up of different laminates
- 5** Double calender for pressing
- 6** Destacking by means of a turning device for gentle workpiece transport

Suitable for:

- Contract manufacturers that need a partially automated system with a high degree of flexibility.
- Panel finishers that want to make the most of the benefits from the combined process of handling, sanding, and laminating.
- Industrial manufacturers that need greater performance.

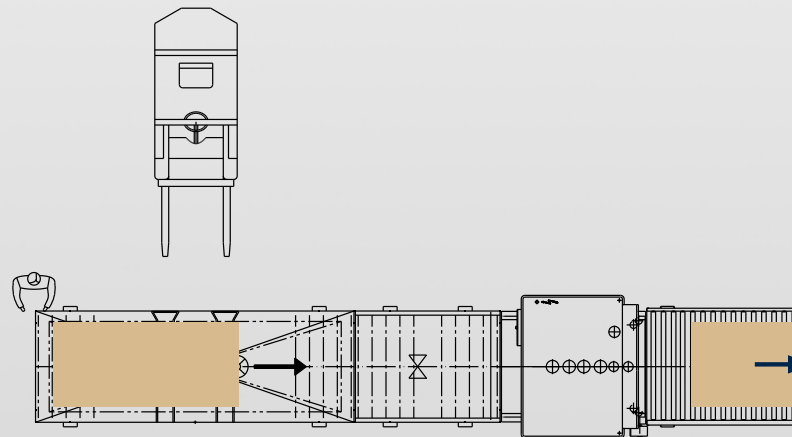
A cell concept specially designed for panel enhancement

The laminating cell is equipped with an automatic feeding system that supplies raw panels of up to 1600 x 4200 mm and a panel weight of up to 200 kg to the production line. The integrated calibrating machine enables a consistent

surface quantity to be constantly achieved before lamination. In this cell, the raw panels are cleaned again and preheated to achieve optimal gluing quality. The lay-up area is manual. Further automation levels are available as options.

Enhanced customer benefit:

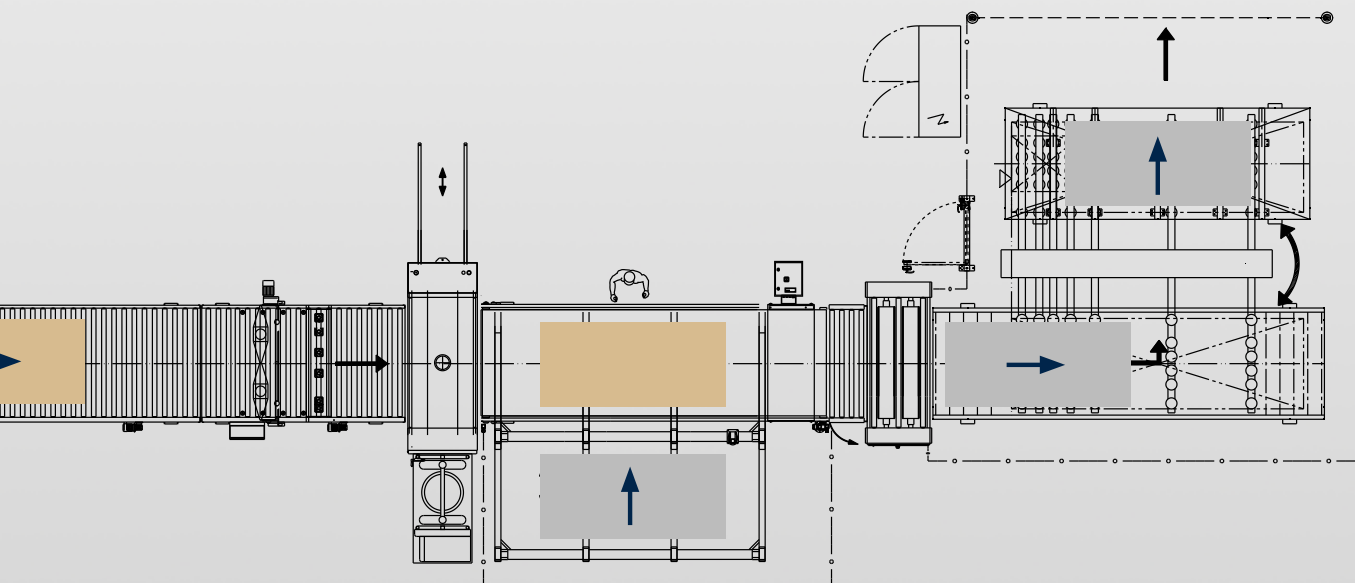
- Preparation of the base panel material integrated: The integrated sanding machine enables the use of base panel material with lower surface quality, but still ensures that the end product has excellent surface quality.
- Process control by the operator: An automatic feeding system and destacking enable continuous operation. The interlinking of all cell components means that the production cycle and the workpiece supply follow the operator's demands. The operator retains the control over the quality and system utilization.
- Integrated turner with destacking: The combination of a turner with a destacking system ensures correct alignment of the workpieces for coating of the second side. Because the workpieces are gripped from below, the freshly laminated workpiece side is not contaminated or damaged.





Key Facts

- Large range of parts
- Panel thicknesses from 3–100 mm
- Panel weights of up to 200 kg
- Automatic feeding and destacking
- Monitoring of production



Cell concept for panel finishing in the LAMTEQ F-200 series

Designed for up to 800 coatings per shift

The fully automated cell concept of the LAMTEQ F-200

A PUR laminating system that leaves nothing to be desired. Thanks to this cell concept, the extensive mechanization allows a large production quantity to be realized while

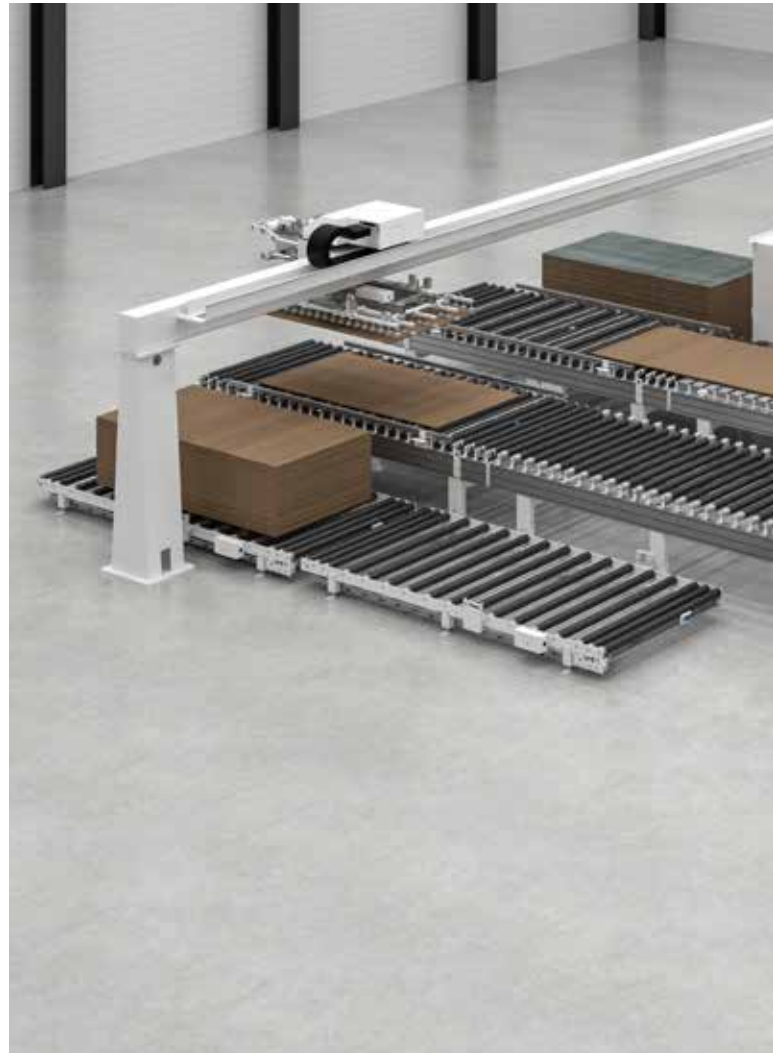
requiring few staff. All process steps are automated, which means operating personnel only monitor continuous production and ensure a high level of quality.



Automation with integrated destacking



Laminating calender with a pair of rollers for pressing glued workpieces with applied coating materials.



Key Facts

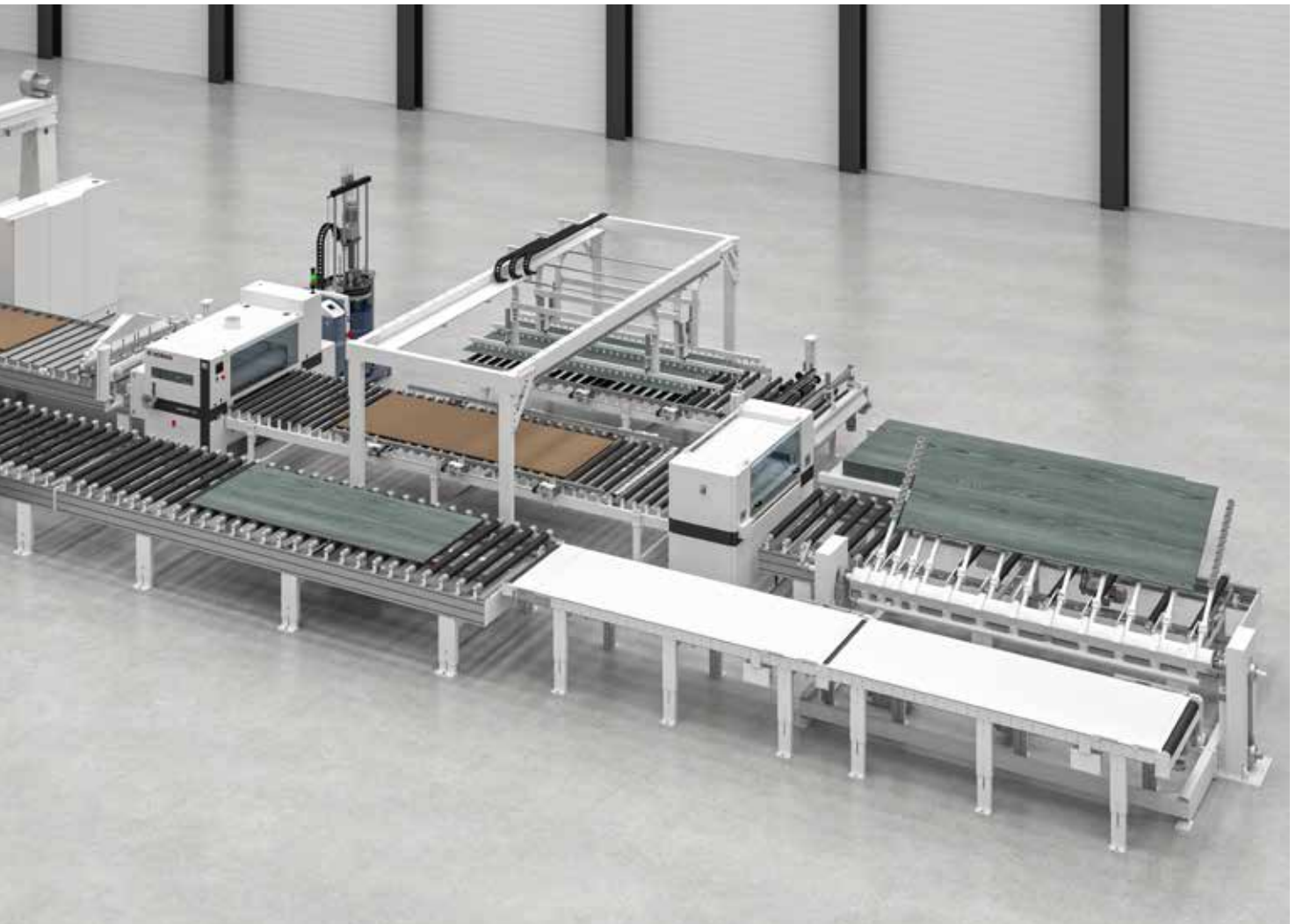
- The setup for all machines is controlled by barcode
- Operation of all cell parameters via a centralized control system with an option to connect to higher level ERP systems
- Integrated cleaning for carrier material and coating material
- Measurement and control of the dimensions of carrier material and laminate
- Wide range of parts from 400 x 400 mm to 1600 x 3600 mm
- Double-sided laminating is possible with a single-sided system with no additional handling
- Machine-controlled placement of the coating material

1 operator required

Up to

1000

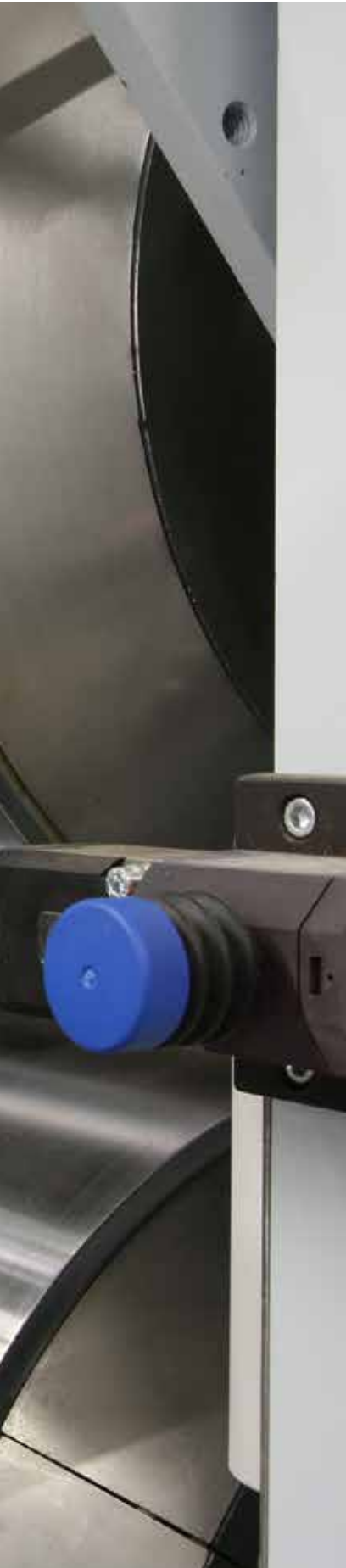
coatings per shift



Fully automated cell concept of the LAMTEQ F-200 series
with return and circulation for production of table tops



Laminating calender



Laminating calender

When performance is wanted:
the LAMTEQ F-300 laminating line



Preheating station



High-performance laminating lines: the LAMTEQ F-300

The offer: economic solutions for industrial mass manufacturers.

The challenge: application of hot-melt and reactec glue using nozzles in the thinnest layers possible, without any stripes, evenly on the rear of a wide variety of finishing papers and films.

HOMAG has successfully mastered this challenge.

Basic orientation of the LAMTEQ F-300 series:

- Processing of the common adhesives PVAc dispersion and EVA and PO hot-melt, as well as the innovative reactec hot sealing adhesive.
- Single-sided or double-sided laminating
- The lamination of the surface or alternatively the surface and edge lamination
- System configuration tailored to customer requirements

„HOMAG is the trusted partner for discerning customers in the industrial lamination sector. We offer economic solutions at feed speeds of up to 60 m/min.“

Josef Zerle, Executive Director Surface Processing, HOMAG



The concept of the LAMTEQ F-300

The LAMTEQ F-300 is the answer to all requirements of industrial manufacturers for a high-performance laminating system. The series is economical, has a feed of 60 m/min and can be equipped with the latest glue application methods; it thus redefines quality and efficiency in the production of building components and furniture.

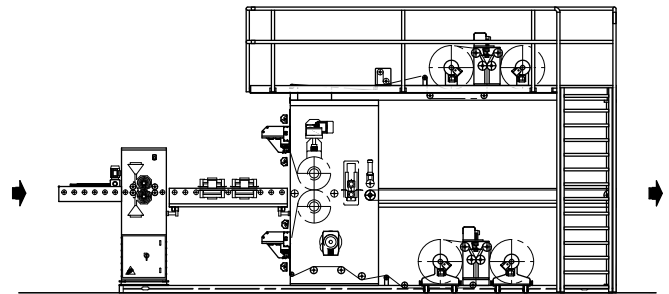
The reactTec process is unique to the LAMTEQ F-300. This innovative laminating technology impresses not only commercially but also ecologically; not only does it offer savings thanks to low manufacturing costs, it also allows you to operate in an environmentally responsible manner.



LAMTEQ F-300 laminating line for double-sided coating with the reactTec process.

Feed of **60** meters per minute

Up to **11 Mio.** square meters per year



Features of the LAMTEQ F-300

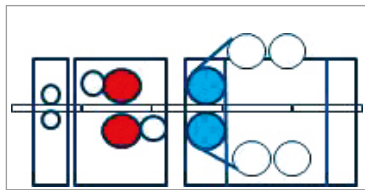
- Single-sided or double-sided lamination
- Workpiece width up to 1300 mm
- Glue application via slot nozzle or roller bar nozzle
- Processing of thermoplastic films, high-gloss and supermatt films, as well as decorative papers all on rolls
- completeLine: possible combination of surface lamination with wrapping of the workpiece longitudinal edges
- Laminating system with automatic change of film without interrupting the feed



Furniture parts with the surface and edges coated in a completeLine.

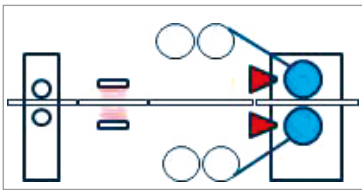
Comparing laminating processes

Familiar laminating processes using urea resin glue, dispersion glue, hot-melt glue, and reactTec all offer different advantages and disadvantages. A comparison of the relevant process steps, the gluing method, and the production costs makes this clear.



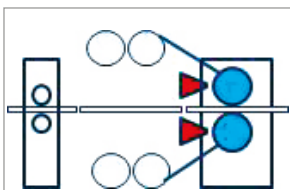
LAMTEQ F-300 – PVAc concept

- Conventional process
- Application of white glue on the workpiece with a roller
- Universal system for CPL and finishing films



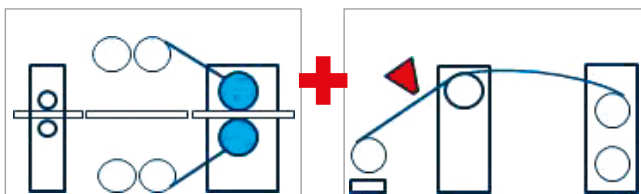
LAMTEQ F-300 – hot-melt concept

- Hot-melt glue application on the coating material with a slot nozzle
- User-friendly for series production processes
- For surface laminating and wrapping
- High feed speeds
- Excellent surface quality



LAMTEQ F-300 – reactTec inline

- Moisture-resistant like urea
- Temperature-resistant, similar to urea
- Bond joint hardness, similar to urea
- User-friendly like hot-melt
- For the thinnest of coating materials
- With the inline process, direct application of the glue onto the coating material



LAMTEQ F-300 - reactTec-offline + LAMTEQ C-300

- With the offline process, the application of the glue onto the coating material and the laminating process are separate, both in time and location

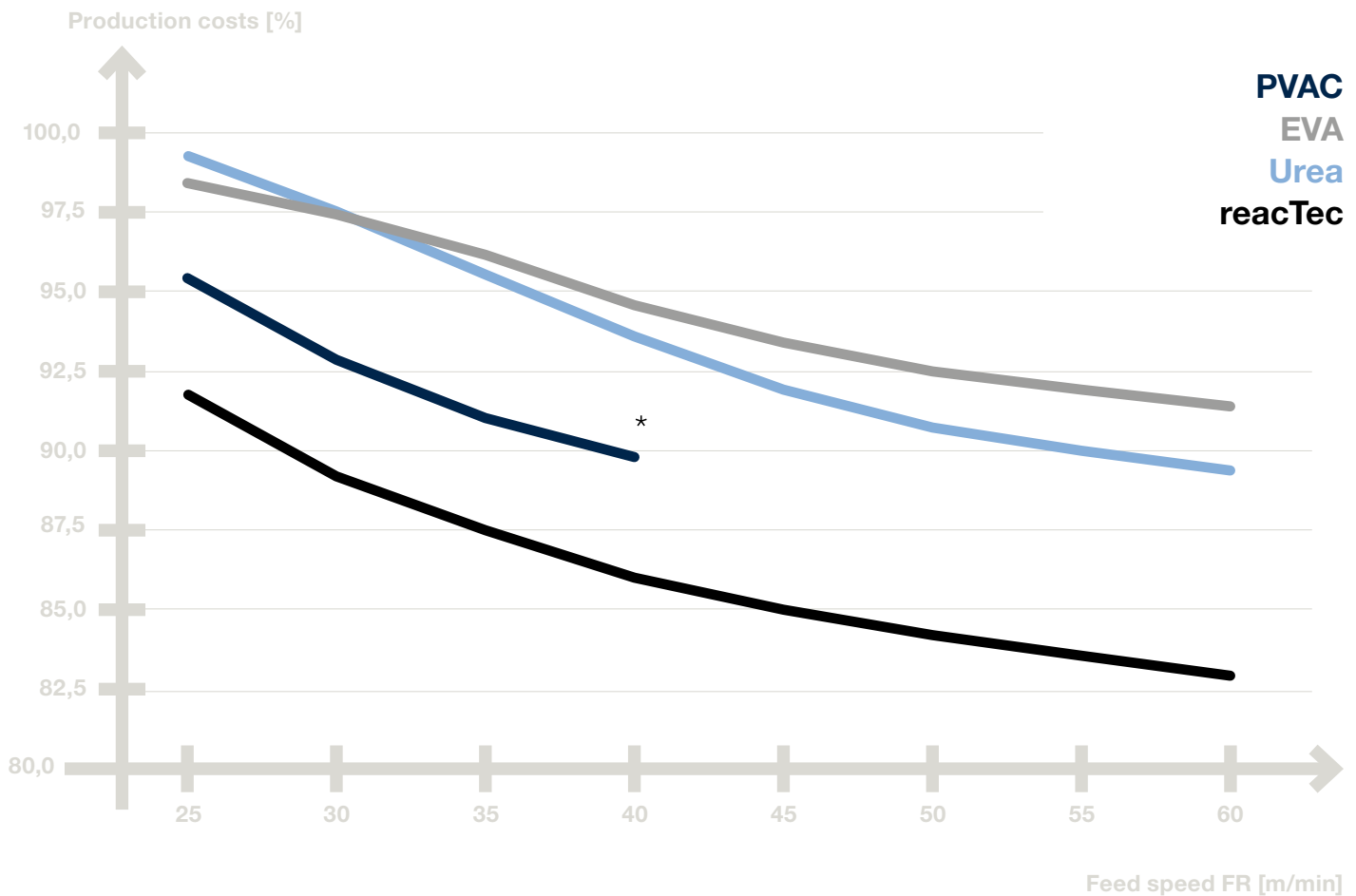


Gluing process/ selection criteria	UF	PVAC	EVA	reactTec	reactTec
	Urea-formaldehyde	Polyvinyl acetate	Ethylene-vinyl acetate	Inline	Offline
	Urea resin glue	Dispersion glue	Hot-melt glue	Hot-melt glue	Hot-melt glue
Investment costs	-	+	+	+	+
Required space/ system length	-	0	+	+	+
Energy input	-	-	+	+	++
Production speed	+	-	++	++	++
Production safety	-	-	+	+	++
Not sensitive to different production speeds	-	-	+	+	+
Surface lamination possible	+	+	+	+	+
Edge lamination possible	-	-	+	+	+

- ++ Very good
- + Good
- 0 Satisfactory
- Sufficient

Comparing laminating processes

Familiar laminating processes using urea resin glue, dispersion glue, hot-melt glue, and reacTec all offer different advantages and disadvantages: HOMAG offers every customer the right solution for their requirements and needs, and always with an eye on economy and ecology.



Example calculation

- Reducing the application quantity from 50 g to 20 g means 2.8 tonnes less glue per day.
- This means: 1 truck less on the roads per week and €800,000 reduction in glue costs per year.

*Process-dependent, for PVAC a maximum feed of 40 m/min.



reactTec inline process

The glue is applied to the coating material and the decorative film to the workpiece in a single line. This process is ideal for cost-effective production of large batch sizes.



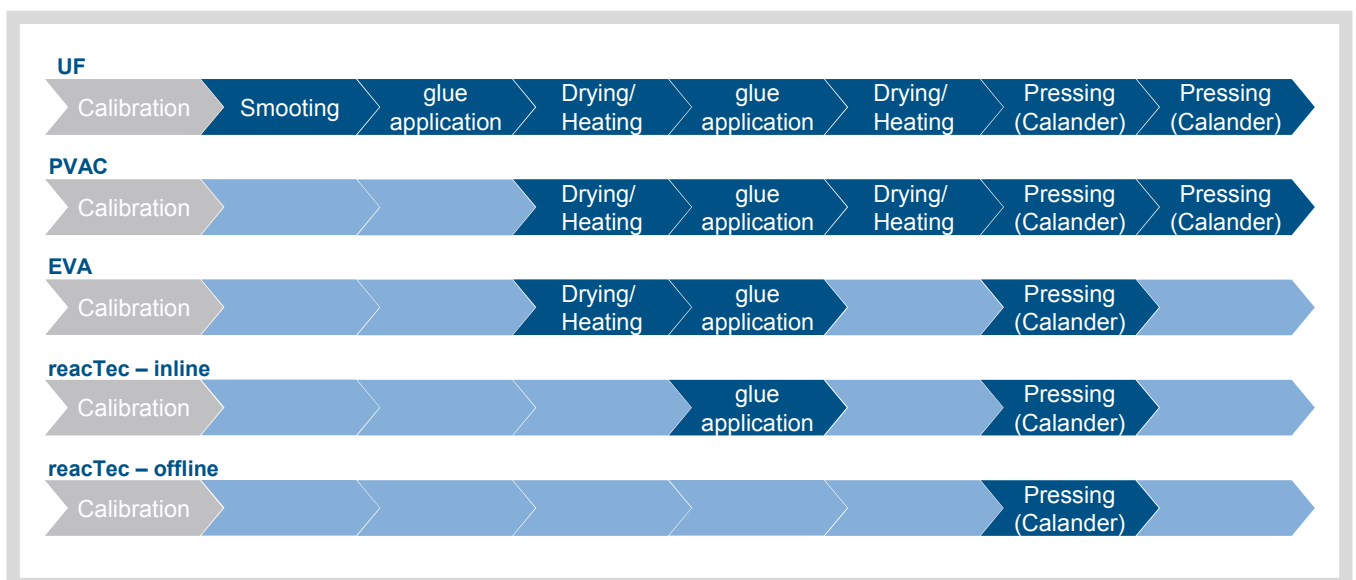
Surface lamination with reactTec

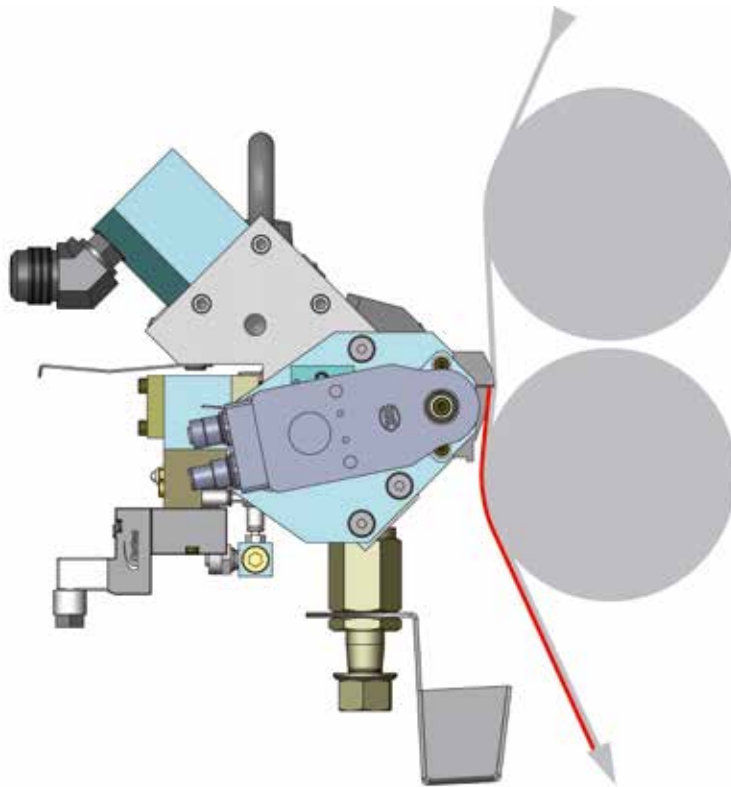
In the reactTec process, the surface is continuously laminated with film or paper.



completeLine with reactTec

completeLine systems size the raw panels, coat the surface and simultaneously seal the longitudinal edges. The material to be laminated is wrapped with film or paper on two sides in a continuous process. The result is a workpiece with no joint on the longitudinal edge - the surfaces and the edges look identical.



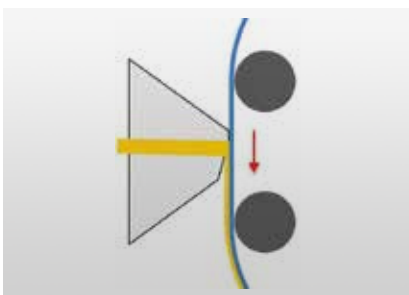


SLOT NOZZLE WITH REACTEC:

- Application weights from 20 g/m²
- Excellent surface
- Hard glue joint that is not sensitive to pressure
- High degree of heat resistance
- Non-formaldehyde glue joint
- No chip swelling due to water-free recipe
- Energy and resource efficiency
- Very low application weight
- Easy to use
- Laminating options for surfaces and edges (2D)

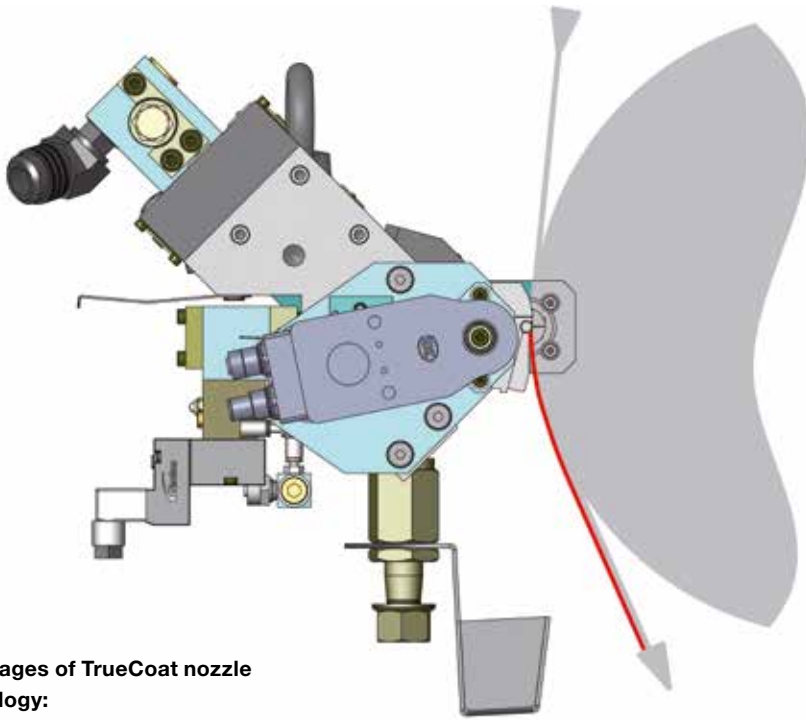
Nozzle technology

The glue application nozzles in the LAMTEQ series are fitted with special TrueCoat nozzles. Due to the combination of consistent, reliable performance and high application flexibility, these nozzles help to improve product quality and production efficiency. The modular design as well as the possible variations mean that a number of glues can be applied to different substrates.



reactec TC-FS1400 applicator

- Min. application width: 200 mm
- Max. application width: 1400 mm
- Application weights from 20 g/m² at max. 60 m/min
- Application weight tolerances +/-10%

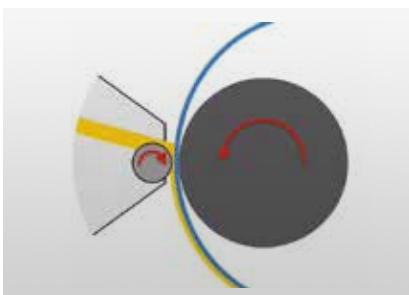


Advantages of TrueCoat nozzle technology:

- The optimized, even glue application guarantees excellent product quality and reduces the glue consumption
- The automatic, motorized adjustment of the application width allows fast and easy setup of the application heads and makes product changeover simple
- Low application quantities starting from 40 g/m² possible
- Integrated in the HOMAG control system with a motorized width adjustment device and speed-dependent application quantity regulation

ROLLER BAR NOZZLE WITH PUR:

- Smear-free glue application
- Ideal for high-gloss lamination
- Reduction in overall production costs thanks to lower glue consumption
- Optimized glue application with even glue distribution time and again
- Motorized adjustment of the application width



PUR high-gloss with TCEFS 1400 roller bar applicator

- Min. application width: 200 mm
- Max. application width: 1400 mm
- Application: High-gloss films
- Roller bar powered separately for smear-free application
- Application weights from 40 g/m² at max. 60 m/min
- Application weight tolerances +/-10%

LAMTEQ C-300 reacTec Offline – the innovative process solution

reacTec is available with two process types in accordance with your requirements. If you want to apply the glue and laminate and wrap in one system, the inline process is the right one for you. In the offline process, the glue application and the laminating are separate, in both time and location.

In the reacTec offline process, the glue is applied to the rear of the coating material. Since the glue does not have an „open time“, immediate winding with or without separation into different track widths is possible. On laminating systems or wrapping machines, the glue is reactivated using pressure and heat by means of heated rollers. The recoating system and the reacTec laminating/wrapping machine can therefore be in different locations. For example, a paper manufacturer can coat his paper rolls and a furniture manufacturer then laminates his workpieces offline with reacTec. This process offers a high degree of flexibility with low maintenance costs.

„Coating and laminating can take place in two different locations – it doesn't get more flexible than that.“

Philipp Henry, Product Manager Lamination HOMAG

Innovative and efficient with reacTec lamination:

- Same product quality achieved as when using urea (heat resistance, moisture resistance, hardness)
- No formaldehyde emissions
- Simple process guide (user-friendly, like hot-melt glue)
- Suitable for the thinnest of coating materials
- Energy requirement reduced by 50% compared to urea
- Glue requirement reduced by 60% compared to EVA thanks to minimized application (20 g/m²)
- Lowest production costs compared with alternative technologies (cost advantage of up to EUR 400,000 per year compared to urea)



Unwinding station (master coil)

The shaftless roll holder makes it easier to handle the master coil when clamping



Heating plate (material preheating)

Conditioning of the temperature of the coating material before the glue application



Winding device

The friction winding shaft ensures constant track tension for longitudinal division of the film



LAMTEQ C-300 precoating machine
for the reacTec offline process



Cooling plate with drying air supply
Extraction of the heat from the applied glue film



Glue application unit
Optimum glue application film thanks to the latest application technology



Cutting unit
Circular and counterblades ensure clean, sharp, cutting edges on the different tracks



LAMTEQ F-300 completeLine - a quantum leap in technology and efficiency

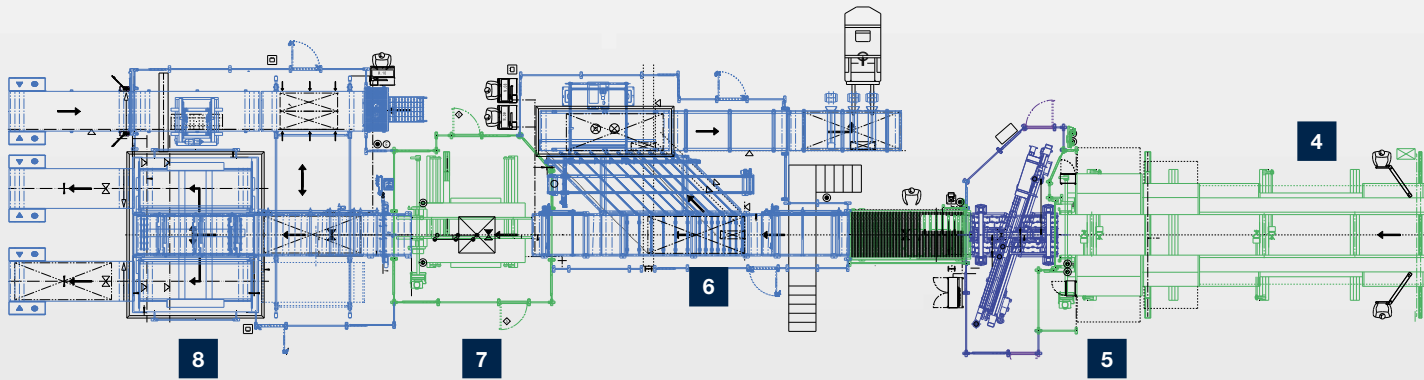
The LAMTEQ F-300 completeLine combines the process and material benefits of surface lamination in one throughfeed with edge coating and post- and softforming. This pays off in terms of the workpiece quality and efficiency.

This process is therefore ideal for cost-effective production of furniture and semi-finished products for construction elements in medium to large batches.



HOMAG

A close-up photograph of a white industrial robot arm, likely a HOMAG model, featuring blue-painted joints. The arm is positioned above a worktable. In the foreground, a black hydraulic cylinder assembly is mounted on a metal base, with a silver valve block and various hoses connected. The background shows the interior of a machine with various cables and components.



1 TBE 899 double-sided feeding with a pit

- Endless supply of unprocessed panels
- Multi-track supply
- Up to 36 parts/minute
- Protection board management

2 TENONTEQ D-800 double-end profiler

- Edge profiling
- Quick-change system for tools
- Motorized axes for quick profile change
- Edge sealing in one process step

3 LAMTEQ F-300 double-sided laminating machine

- Workpiece cleaning
- Dual unwinding at the top and bottom for continuous operation
- TrueCoat FS slot nozzle for minimum glue application quantity
- Heated calender with a diameter of 500 mm

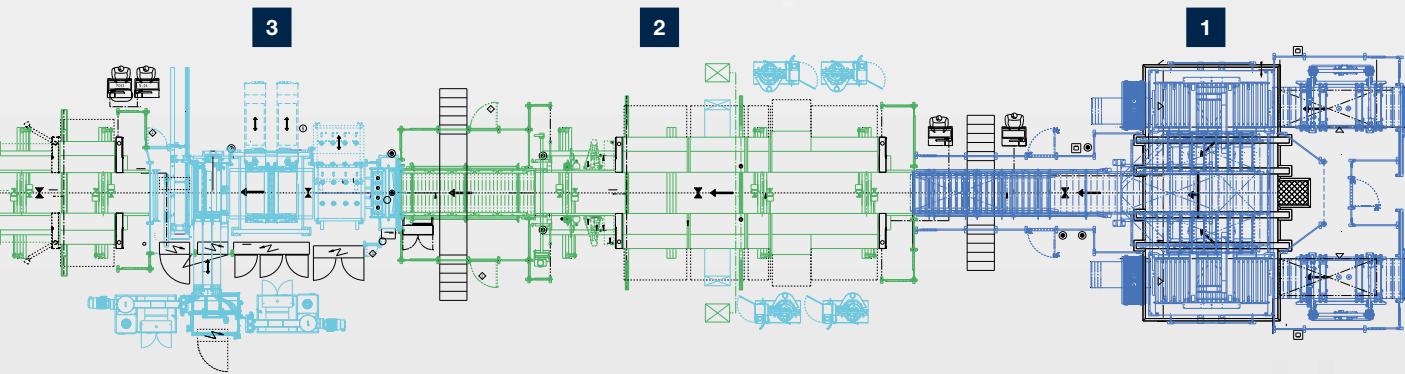
4 EDGETEQ S-810 wrapping machine

- Formatting of the paper overhang at flat laminating
- For L, inlay (U), and roof profiles
- Finish processing of the edges
- Units for grooving trimming etc.

LAMTEQ F-300 completeLine

Unbeatable: With our LAMTEQ F-300 completeLine, the unprocessed chipboard is formatted, the longitudinal edges profiled and finished, the surface is laminated and the edges are wrapped in a single throughfeed. The chipboard is then cut with a diagonal saw and, where required, the panels divided in the middle. The surface is bonded with hot-melt

glues. All common edge profiles can be executed, from a simple L profile to a U profile, with butt joint for coating from below. Thanks to the high system availability, our LAMTEQ F-300 completeLine can be easily integrated into highly automated total production systems.



5 Diagonal saw

- Separating device for separating the workpieces in a laminated strand
- Deviding of the panel in the center

7 SAWTEQ C-700 separating double-end profiler

- For central division of the workpieces when laminated in double-width (e.g. side panels of a cabinet)
- Further processing via a groove trimmer

6 TFR 560 ejection station

- For ejecting scrap parts and workpieces with faults
- Ejection at production speed
- Can be extended with a check point

8 STACKTEQ C-500 destacking

- Multi-track destacking of workpieces
- Up to 36 parts/minute

Excellent workpiece quality

- No glue joints
- Decorative film on the surface and edges with no joint
- Closed, secure filling of the edge cavities
- Integrated edge sealing with no post-processing
- Flawless edge finish
- Greater impact resistance on the edges

Excellent efficiency

- 25 – 30% cost saving due to cheaper raw materials and more economic process
- Shortened production times thanks to a minimum performance increase of 35% compared to known wrapping processes
- Short amortization time
- Change of decorative films without interruption
- High system availability
- Low space requirement
- Low storage



HOMAG LifeCycleServices

The sale of our machines comes with all-in optimum service backup and individual advice. We support you with service innovations and products which are especially tailored to your requirements. With short response times and fast customer

solutions we guarantee consistently high availability and economical production – over the entire life cycle of your machine.



Remote Service

- Hotline support via remote diagnosis regarding control, mechanics and process technology. Thus the on-site service can be reduced by 85.2 %!
- Mobile applications such as ServiceBoard reduce the costs through fast help in case of troubles by mobile live video diagnosis, online service message and the online spare parts shop eParts



Spare Parts Service

- Identify, request and order spare parts around the clock via www.eParts.de
- Local availability of parts offered by our sales and service companies as well as sales and service partners all over the world
- Reduction of downtimes through defined spare parts and wear parts kits



Modernization

- Keep your machinery up-to-date and increase your productivity as well as your product quality. This is how you can meet tomorrow's requirements today!
- We support you with upgrades, modernization as well as individual consultancy and developments



HOMAG Finance
– precisely the right financing

- We offer you tailored financing proposals for your machinery or plants. Our financial advice goes hand in hand with our expertise relating to technical questions. Your personal contact person will take care of the whole process.
- The benefit for you: The ability to invest without delay in new technologies and remain financially flexible.

1.200
Service employees around the world

5.000
Customers in training courses / year

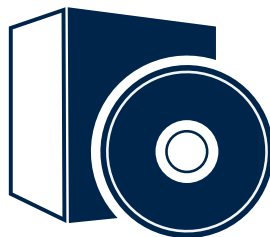
> 90%
less on-site-services through successful remote diagnosis

> 150.000
machines, all electronically documented in 28 different languages – in eParts



Training courses

- The trainings perfectly suit to your requirements. Through this your machine operators can operate and maintain the HOMAG Group machines optimally.
- The training courses also include customer-specific training documents with practice-proven exercises



Software

- Telephone support and consultancy through software support
- Digitalization of your sample parts via 3D scanning saves time and money compared to new programming
- Subsequent networking of your machinery with intelligent software solutions ranging from construction to production



Field Service

- Increased machine availability and product quality by certified service staff
- Regular checks through maintenance / inspection guarantee the highest quality of your products
- We offer you the highest availability of technicians in order to reduce downtimes in case of unpredictable troubles

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