

## **Transfer finish machines Optimat KTF 13 - 16**

**Innovative technology  
for efficient edge  
coating**

# Advancement through economy and versatility



## Technology for the future

The Brandt Optimat KTF series provide the edge coating technology of the future. The combination of different trimming, sanding and transfer finish units give efficient, complete edge processing that can save up to 70% of your current production costs. Optimat means high specification at a good price. Benefits gained through series production are passed on to you, our customer.



## Optimat KTF 14

The Optimat KTF 14 offers complete edge processing with trimming, sanding, coating by transfer finish and brushing.

## Wide range of application:

- Edge coating on MDF panels
- Upgrading of solid woods
- Dry priming of MDF or solid wood
- Lacquering of MDF or solid wood with coloured or transparent lacquer.



Application in kitchen, shop fitting, trade fairs, living areas



## Optimat KTF 13

The Optimat KTF 13 offers the standard configuration for using transfer finish technology.

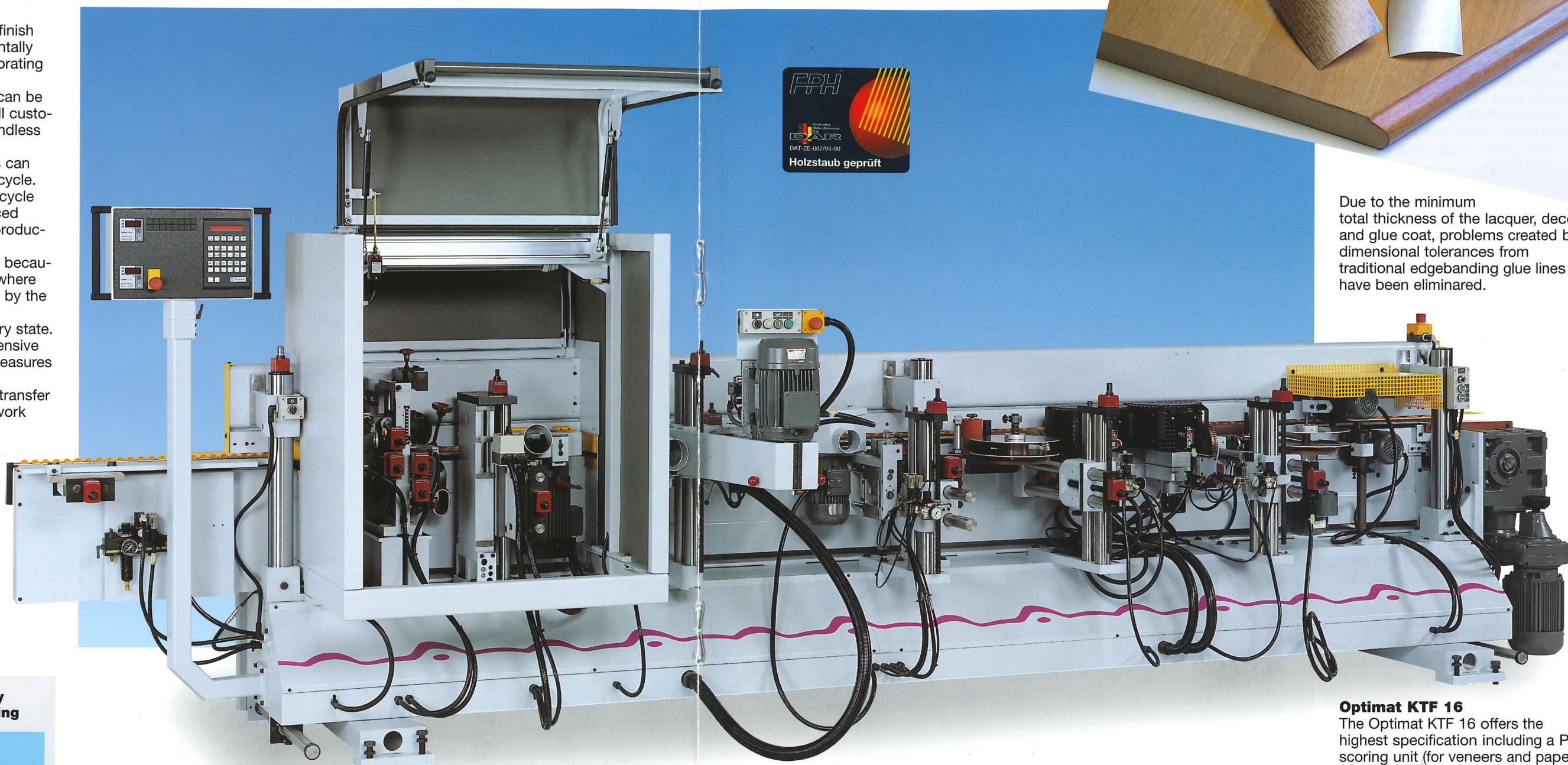


# Professional Edge Coating



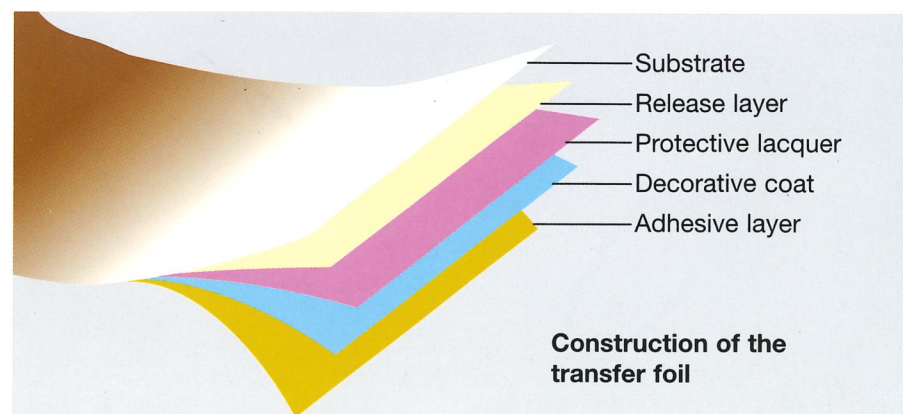
## The Method:

- Edge coating with transfer finish is an advanced, environmentally friendly technology for decorating edges.
- It is extremely flexible and can be easily matched to almost all customer requirements due its endless decorative variations.
- Complicated profile shapes can be completed in one work cycle.
- As coating is the last work cycle the storage costs are reduced (optimum for commission production).
- Touching up is not required because the decor only adheres where counter pressure is exerted by the workpiece
- The process is made in a dry state. No fumes are emitted. Expensive environmental protection measures can be saved.
- Decorating or priming with transfer finish saves many complex work steps in your production.



Due to the minimum total thickness of the lacquer, decor and glue coat, problems created by dimensional tolerances from traditional edgelanding glue lines have been eliminated.

| Lacquer technology to date  | Dry priming                    |
|-----------------------------|--------------------------------|
| Spray substrate             | Dry priming saves 5 work steps |
| Dry                         |                                |
| Sand                        |                                |
| Spray filler                |                                |
| Dry                         |                                |
| Sand                        | Dry priming                    |
| Spray colour paint and dry  | Spray colour paint and dry     |
| Spray clear lacquer and dry | Spray clear lacquer and dry    |



**Optimat KTF 16**  
The Optimat KTF 16 offers the highest specification including a Pre scoring unit (for veneers and paper) and a Sanding belt unit. This ensures the highest quality product even on difficult materials.

| Technical data           | KTF 13  | KTF 14  | KTF 15   | KTF 16   |
|--------------------------|---|---|--|--|
| Processing units         | Profiling sanding (disk) transfer finish  | Profiling sanding (disk) transfer finish brushing | Pre scoring, profiling sanding (disk) transfer finish brushing | Pre scoring, profiling sanding (belt, disk) transfer finish brushing |
| Total length             | 3870 mm   | 4290 mm   | 4870 mm  | 5570 mm  |
| Weight                   | 1800 kg   | 2300 kg   | 2800 kg  | 3300 kg  |
| Electrical connection    | 10 kW   | 10,5 kW   | 12 kW  | 14 kW  |
| Dust extraction diameter | 1x100 mm, 1x80 mm   | 1x100 mm, 1x80 mm                                 | 1x100 mm, 3x80 mm  | 2x100 mm, 3x80 mm  |
| Minimum length of panel  | 120 mm  | 120 mm  | 120 mm   | 120 mm   |
| Minimum width of panel   | 50 mm   | 50 mm   | 50 mm  | 50 mm  |
| Panel height             | 5 - 100 mm (max. height for transfer finish 55 mm)  |   |  |  |
| Feed speed               | Infinitely adjustable 5 - 25 m/min (by use of trimming and sanding only), with transfer finish 5 - 12 m/min |   |  |  |
| Electric                 | 400 V - 3 Ph. - 50 Hz (special voltage possible)  |   |  |  |

All rights for technical changes withheld. Individual machines shown could include options.

# Very efficient processing units for flexible production

Modern processing units will improve your production efficiency, reduce costs and increase the quality of your product. From the combination of units available from our reliable modular assembly system you can get the perfect solution for every surface (laminate, paper, melamine or veneered MDF).

## 1. Pre scoring unit

For pre scoring the surface (for example: paper), 2 motors 0,55 kW, 12.000 rpm, tiltable 0° - 25° degrees.

## 2. Universal trimming unit UF 11

For profiling the workpiece edge, 1 motor 4 kW, 9.000 rpm, adjustable in angle, height and laterally.

## 3. Profile sanding disk unit DS 40

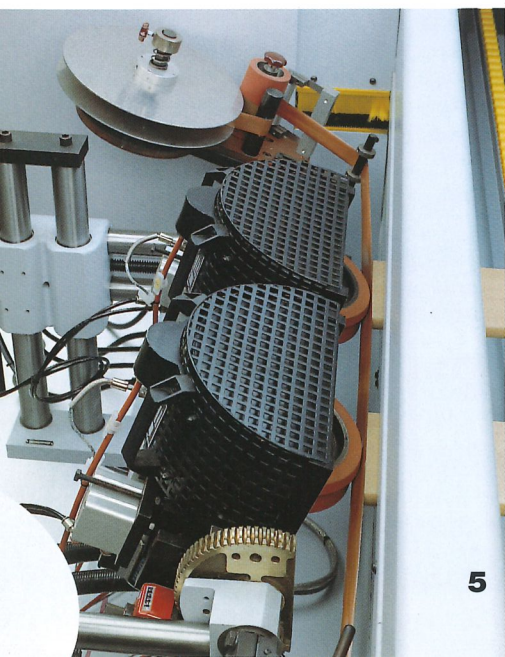
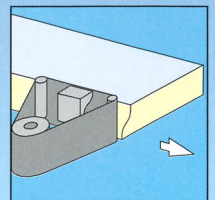
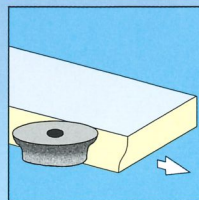
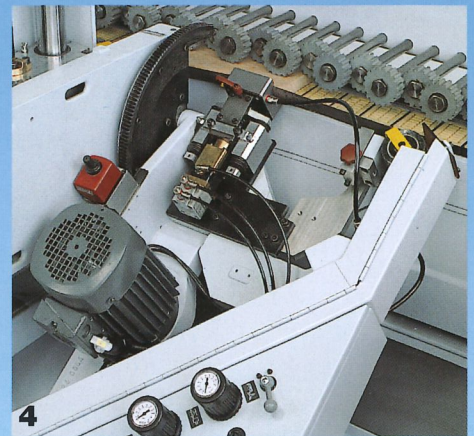
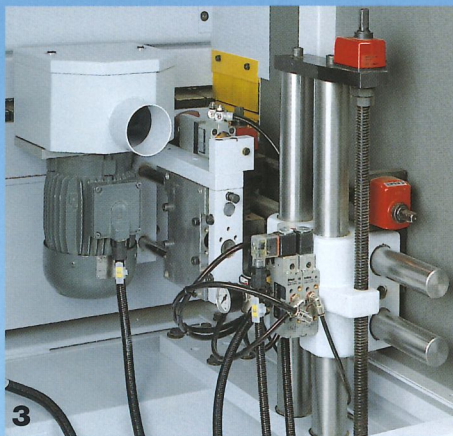
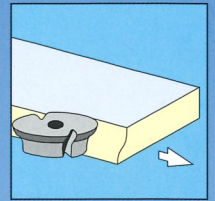
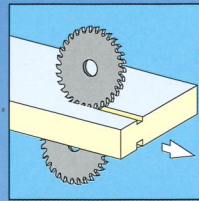
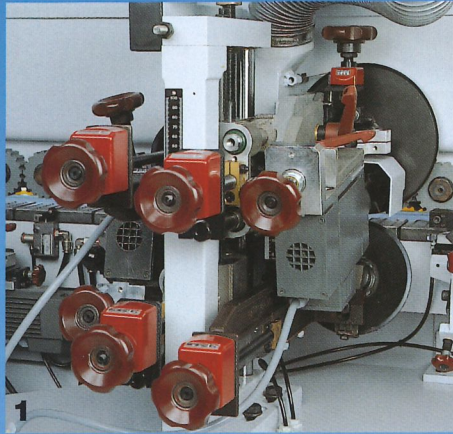
For sanding profiles with using sanding disks. Sanding angle range: 135° degrees.

## 4. Profile sanding belt unit PS 22

For sanding profiles and flat edges with belts. Sanding angle adjustable -45° to +90° degrees.

## 5. Transferfinish unit TF 20

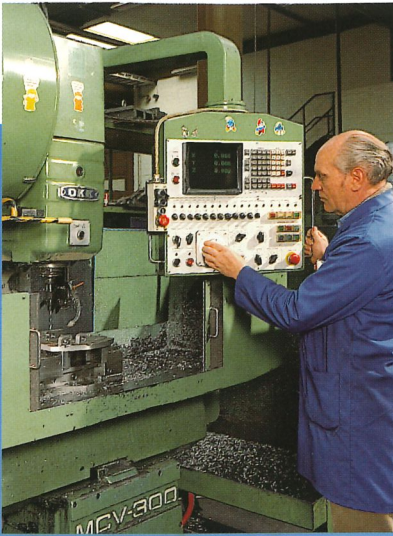
Edge coating with decorative or clear lacquer using two profiled silicon wheels. Separate unwinding and rewinding station.



## Clean and reliable machine control

The use of line control has removed all the switches from the process path, increasing machine reliability.

# It pays to be a Brandt customer



Brandt is the worldwide leader in edge processing in the carpentry sector. Brandt products are manufactured in series using the most modern CNC controlled machining centres. This Brandt standard can only be realised using the most up to date technologies.



## **Brandt is present everywhere**

The well established service, marketing and agencies network means short distances for you and the closest possible vicinity to the customer - worldwide. Our marketing partners and consultants know the market problems. They are from your trade and speak your language.

## **High degree of competence**

Constant training of the sales and service personnel of our marketing partners in the Brandt training centre guarantees optimal service competence.



# DIN EN ISO 9001

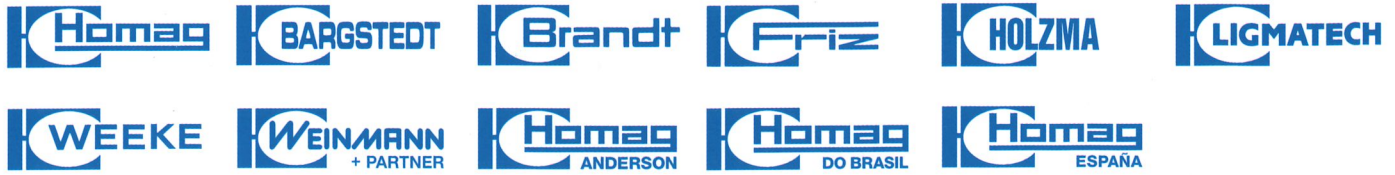
## **Same parts, simple handling**

Many parts, control elements and subassemblies are identical for Homag Group machines and equipment. This makes operating them easier, simplifies the stock-keeping of spare parts and speeds up maintenance and service.

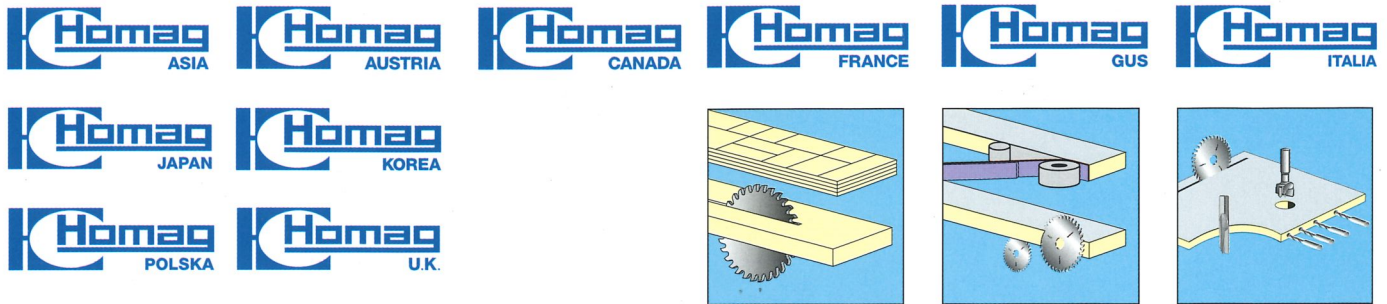
## **Excellent quality**

Production, service and marketing departments of the company are certified according to DIN EN ISO 9001 (TÜV CERT).

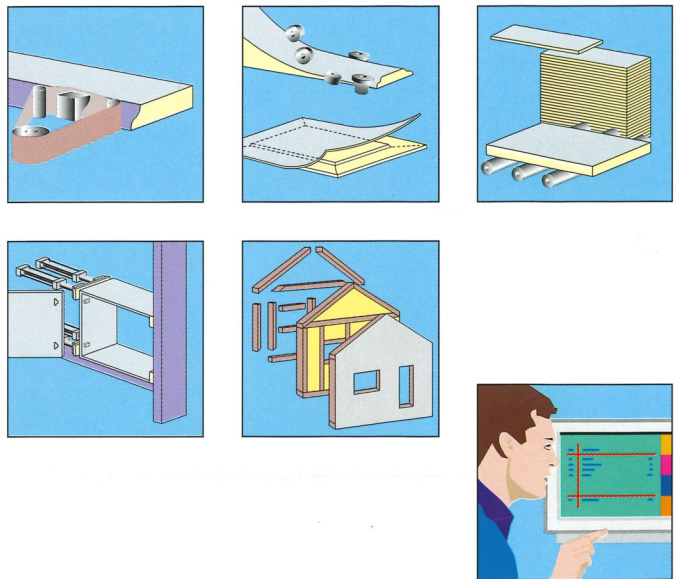
Producing



Marketing



Service



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our marketing partner:



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