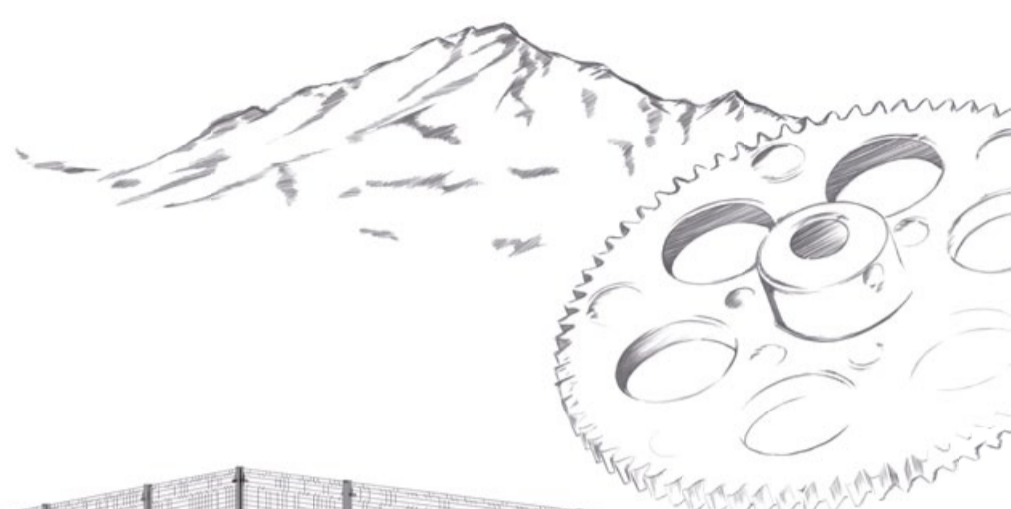


POWERFUL CUTTING, PRECISE AND EFFICIENT



**OUR
NEWLY DESIGNED
BEAM SAWS**

- kappa automatic 80
- kappa automatic 100
- kappa automatic 120
- kappa automatic 140



**EFFICIENCY IN SINGLE
PERSON OPERATION.**

Beam saws are paramount in the production process and make short cutting cycles with perfect cutting results possible. With heavy and massive saws, Format-4 relies on durable quality and first-class engineering.

Right away, the kappa automatic beam saws impress with their elegant design and premium materials. It is also the full concept that convinces: The heavy-duty construction with steel pressure beam and material pusher; the simple operation even when working alone and maximum process reliability with the modularly structured cutting optimisation program. The new software package all guarantee maximum performance and precision in rational panel cutting.

PERFECTION IS IN THE DETAIL.

The modular based cutting optimisation program with barcode labelling guarantees maximum process reliability.

The high-end cutting edges are achieved by the automatic cutting height adjustment for the optimum saw blade entry angle and the smooth running of the saw carriage. The dual measuring system guarantees maxi-

imum repeatability. The pressure bar opens depending on the material height, which reduces the material movement times to a minimum. The "Green Line package" with its controlled extraction gates and direct control of the motors can reduce energy consumption by up to 30%.

Numerous other upgrade options offer customer specific adaptation to individual working processes.



THE MAYER BEAM SAW RECOGNIZED WORLDWIDE FOR QUALITY AND RELIABILITY

1950

Otto Mayer founded the company

1966

The first veneer cutting saws are built

1972

Soon followed by panel sizing saws

1982

Panel sizing saws become our main product

1996

We start with the construction of vacuum feed systems

2000

We develop angular systems for the chipboard industry

2006

We are building one of the largest cutting systems for aluminium panels

2010

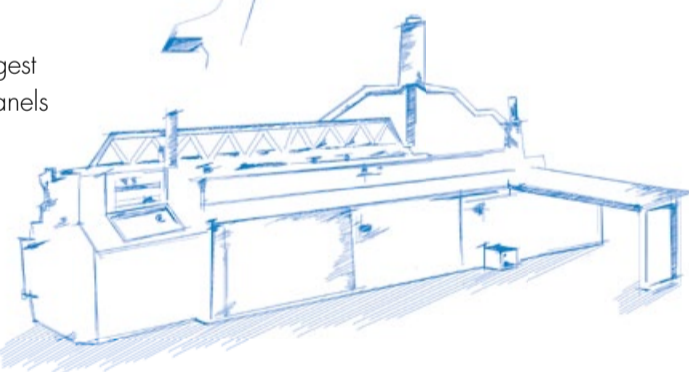
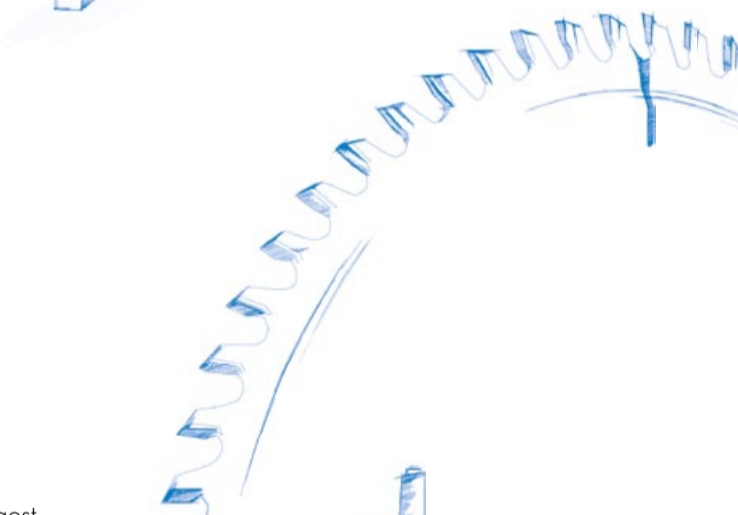
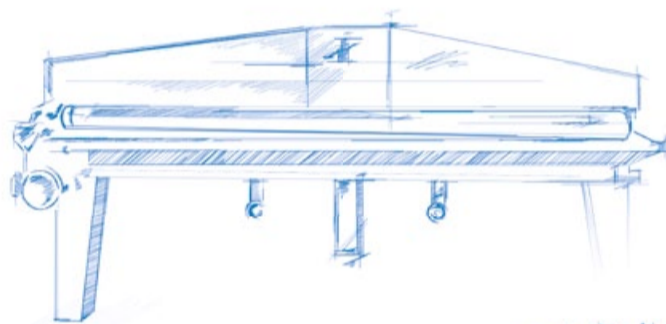
60 years company anniversary

2011

Our product range is extended by a high-performance MDF panel cutting machine

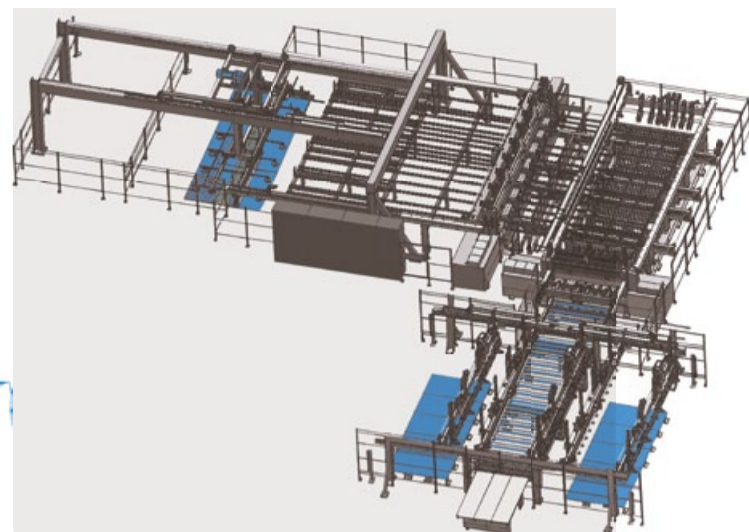
2019

Felder Group and Mayer – two strong companies, one common success story



Kurt Mayer *Hans Mayer*

Kurt Mayer & Hans Mayer
CEOs Otto Mayer Maschinenfabrik



ANGULAR SYSTEMS

An angular system guarantees maximum efficiency and productivity when cutting panels. The combination of two fully automatic beam saws into one single unit ensures an impressive increase in production. The raw boards are placed on one side and come out as finished blanks on the other side. Turning processes and workpiece transfer operations are done automatically and mechanically. The process is controlled by our proven software system, which works uncompromisingly with your ERP software.

With our decades of experience, we guarantee maximum cost-effectiveness with the cutting unit and we lay the foundation to increase of your business profits.

VACUUM FEED WITH LINE GATE

A line gate ensures a steady, high flow of different types of panels from the warehouse directly to the beam saw. While a lifting table always processes only one type of panel. The line gate automatically and flexibly integrates several sets of raw panels into the production process simultaneously.

Depending on your specific requirements, we design your system with the necessary storage places.

The advantages at a glance

- For cutting or nesting machines – or both at once
- Scalable feeding solution with line gate and a flexible number of storage locations for the forklift – depending on the space available and the capacity requirements of your cutting unit
- Maximize the capacity of your cutting machine by integrating a pre-stacking table
- Optional slewing gear in the loading unit
- Variable panel dimensions

