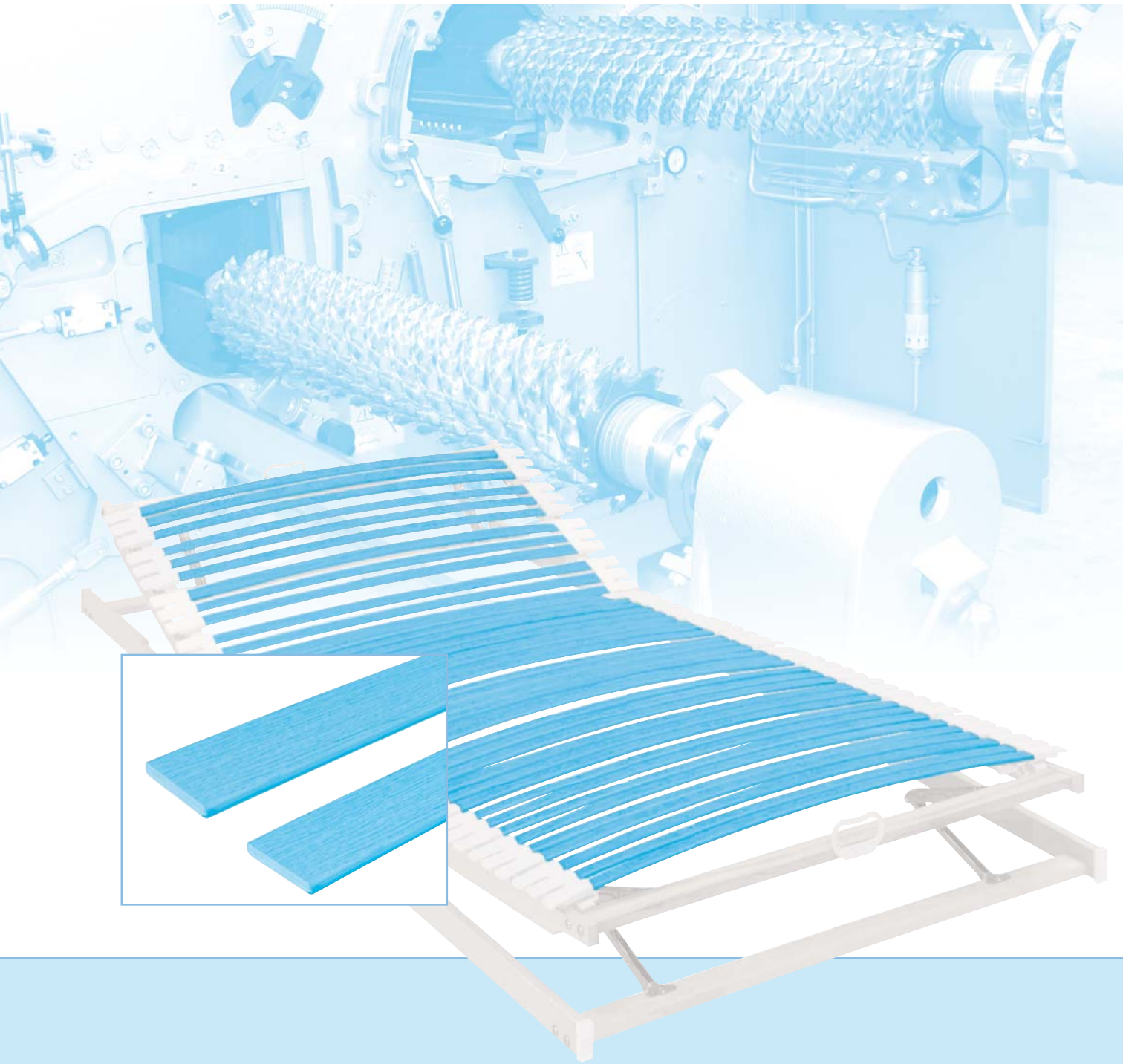
Maschinenfabrik GmbH & Co. KG



Profiling Rip Saw for Bed Slats





THE K34G-OUR – A MODIFIED MULTIRIP SAW FROM

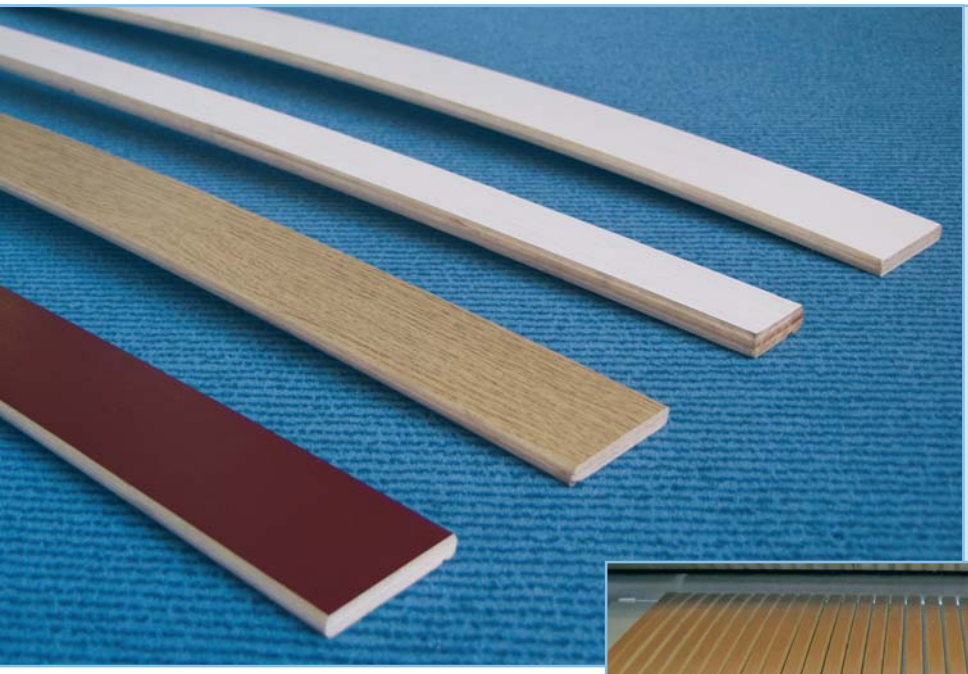


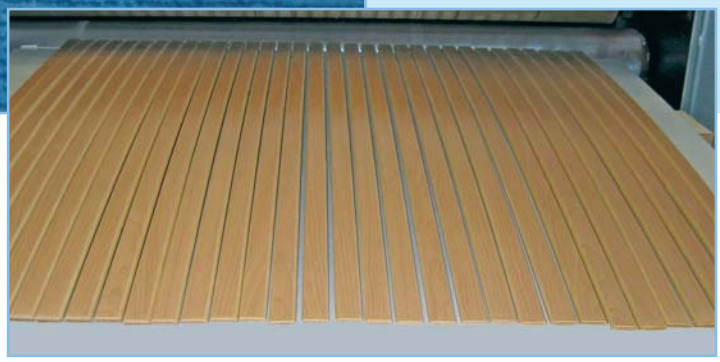
Fig. 1 *Different bed slat designs*

The PAUL K34G-OUR has been specifically developed for ripping and profiling curved bed slats.

The panels are ripped and profiled in a single pass which offers the following benefits:

Maximum profit through

- Saving several processing steps
- Significantly increasing productivity



THE SAWING TECHNIQUE

Thanks to the curved arrangement of the feed rollers the K34G-OUR is suitable for processing curved panels with a bending radius of approx. 3–9 m into bed slats. The machine features a top and a bottom saw shaft rotating against the feed. Both shafts are designed for use with special profiling tools.



Fig. 2 Saw shafts of the K34G-OUR set up with profiling tools

THE K34 SERIES



Fig. 3 Model K34G-OUR

EASY OPERATION AND ADJUSTMENT

Digital cutting height indicators are provided to ensure exact positioning of the saw shafts. Alignment of the tools on the bottom shaft with the upper tools is achieved by an axial displacement of the bottom main bearing rocker. Manual or fully automatic loading is possible.

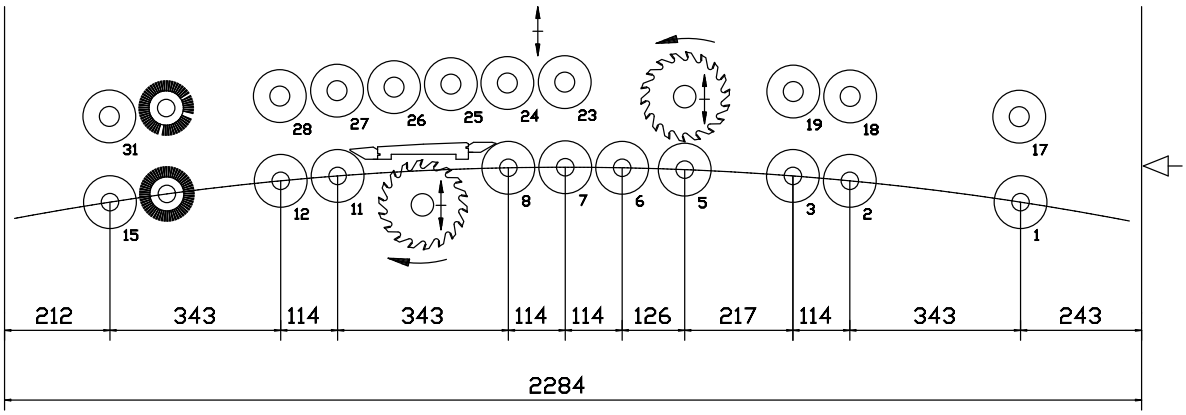


Fig. 4 Schematic view of K34G-OUR

TECHNICAL DATA

	K34G-OUR
Nominal opening width	800 | 1200 mm
Workpiece thickness (standard)	8–12 mm
Saw shaft diameter	75 | 100 mm
Top rollers	10
Bottom rollers	10
Roller drive	Cardan
Feed speed frequency-controlled (standard)	15–50 m/min.
Min. workpiece length	500 mm
Max. driving power	90 kW (4500 rpm)
Dimensions:	
Working height (standard)	800 mm
Length / height approx.	2384 | 1430 mm
Width, approx.	2240 | 2640 mm
Weight, approx.	6600 | 7000 kg

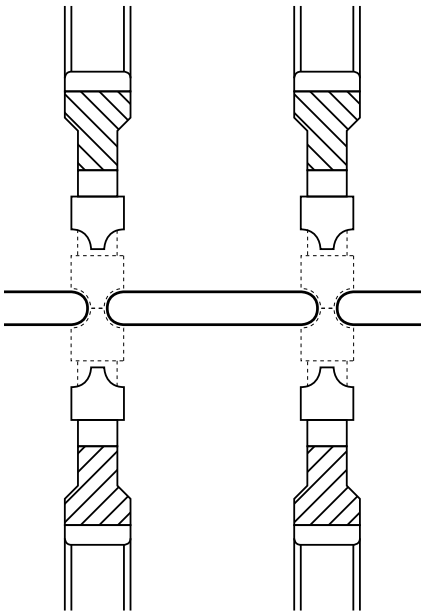


Fig. 5 Profiling of bed slats

LAYOUT

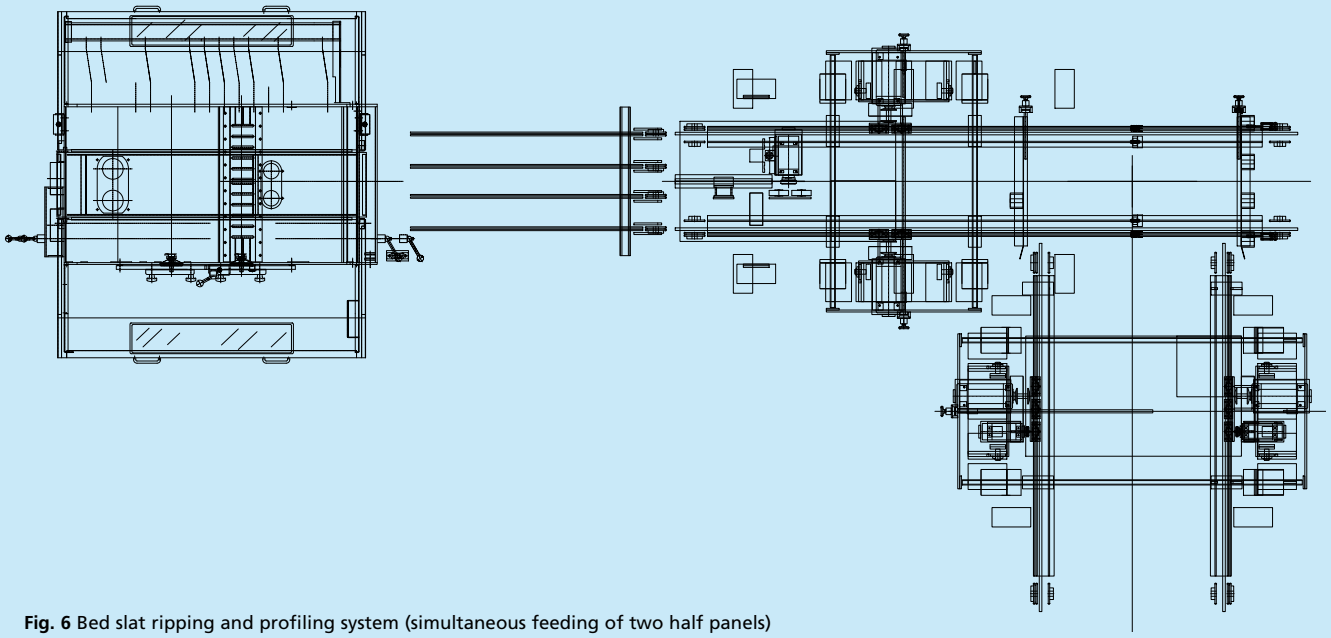


Fig. 6 Bed slat ripping and profiling system (simultaneous feeding of two half panels)

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