



Resch & 3 recently delivered what may be the largest mobile bandsaw – a special version of the mobile bandsaw DM 1200 PROFI into France. Logs up to 1.5 m diameter and 11 m length can be effortlessly cut, while a special chassis with a transport speed of up to 80 km/h means working over longer distances isn't a problem.

"The biggest challenge was the entirety of mechanisation, as log infeed chains and plank outfeed chains can be hydraulically folded quickly," Resch & 3 stated. "Eighty different cylinders are controlled from the cab."

"Together with the band saw, we also supplied the double edger DB 90. This new manufacturing process is unique to the market and guarantees an exact, parallel and straight cut."

Resch & 3 DM 1200 PROFI - Technical specifications	
Weight	16 t
Road approval	up to 80 km/h
Transport length	10.5 m
Transport height	4 m
Transport width	2.55 m
Maximum log diameter	1.5 m
Maximum cutting length	11 m
Diesel engine	DEUTZ 90KW



Resch & 3 is celebrating its 60th anniversary this year

Air-conditioned cabin: working safely and comfortably. The travelling cab lets the operator work in a pleasant, low-noise, dust-free environment. The entire system can be operated from the cab using two proportional-control joysticks and a display screen. A direct view of the sawn timber also ensures constant quality control. The cutting height setting can be adjusted easily for the desired sort of sawn timber by using the display screen with several predefined cutting programs. This facilitates optimum log utilisation.

Hydraulic sawblade pressure guide system: precise guidance. Hydraulic pressure guides give the saw blade extra support and reliable guidance. They are retracted during reverse travel to avoid heating the saw blade. As a result, precise cutting is possible even at elevated feed rates. Each guide can be positioned

individually to be as close as possible to the log.

Double precutter: longer cutting life. Two precutters guarantee a clean entrance and exit faces for the saw blade. This dramatically increases the maintenance interval for the saw teeth. The two precutters can be controlled individually.

Automatic crosscutter: Everything in a single step. During cutting, each plank can be trimmed automatically to the desired length. Finished lengths of longer timber can thus be taken directly from the mill. The hydraulically actuated crosscut saw can optionally be rotated by 90° so it can be used as a ripping saw. Particularly with hardwood, this can be used to part the heartwood or edge one side. The maximum cutting depth of the crosscut saw is 80 mm.

Automatic plank remover: a

major work aid. In order to cut high-quality sawn products, it is important that the quality of the wood is visible after each cut, which means that each individual plank must be removed immediately after being sawn. The

automatic plank remover makes this possible – depending on the specific cutting operation, each individual plank, squared timber or flitch is removed automatically during the return travel phase and placed alongside the machine.

EXTRA STRONG



Intelligent Sorting solutions



Market innovation Double edger



Band resaws for glulam timber



Stationary and mobile horizontal bandsaws custom designed, produced and assembled. **The machine company since 1955.**
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- Resch & 3

SAWLINES: Mobile Sawmilling



biggest mobile band saw DM 1200 PROFI by Resch & 3

Monitoring system blade deviation: permanent control of the cutting precision

If a desired tolerance is exceeded, a tone sounds or reduces the feed rate.

Adjustable minimum height

positioning of the tongs: so you don't cut into the clamps, it is important that all tongs are positioned at the same minimum height. An additional function positions the clamping tongs at the minimum height. This

minimum height can be adjusted hydraulically.

Driven transport rollers: sorting during cutting. Additional rollers sort the finished product in the longitudinal direction.

Mechanizations: log infeed

chains and plank outfeed conveyors even with mobile machine. These are during transport, folded hydraulically upwards.



Optimal overview from the driving cab of the saw blade guide, double precutter, cross cutter, plank remover and ensures a constant quality control of the sawn timber