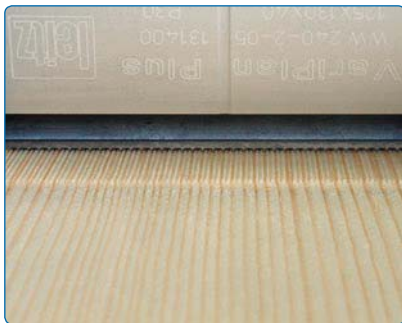


Sustainability that pays off.



The RipTec technology: Creating a higher product quality that maximises valuable resources

A sustainable machining technology for a sustainable working material



Squared timber
Pre-planing



Wooden window frames
Slot- and tenon joints, counter profiles



Furniture parts and floor panels
Pre-cutting of profile

The challenge:

Wooden products are one of the more sustainable solutions compared to products in other materials. Wood regrows, has excellent insulation properties, and helps the planet in CO₂ storage. Many industry sectors have recently discovered this working material. However contrary to these benefits there is a disadvantage – processing wood is a challenge.

The initial situation:

Conventional cutting procedures often cause tear-outs and chips to the wood surfaces. The consequence can be a high reject ratio and expensive rework with a detrimental quality effect.

The solution:

RipTec opens new dimensions in protecting valuable resources when processing wood. The new RipTec procedure starts with machining a small ripple profile into the face of the workpiece. The quality benefit is evident after the next processing step, for example finish planing. The impact – higher product quality plus maximum resource protection.

The sustainable strengths:

RipTec prevents tear-outs and chips in the wood surface, creates stronger wood joints and minimises rejects and rework. B-quality timber can now be processed with RipTec to become a precious resource. And at the same time as improving product quality RipTec increases tool performance times and can save users up to 25% energy consumption.

Facts:

- Minimised rejects and rework with resource protecting RipTec machining
- Surfaces without tear-out and with stronger joints creating a higher product quality
- Up to 25% energy saving plus reduced running costs from increased and multiple performance times

Contact:

Leitz GmbH & Co. KG
Leitzstr. 2
73447 Oberkochen
Germany
Phone +49 (0) 7364 / 950-0
E-Mail leitz@leitz.org
www.leitz.org



BLUECOMPETENCE

Alliance Member