

## PierceTec PierceTec

### Technology Package PierceTec – Automated Piercing



PierceTec ensures fast, clean and reproducible piercing. The basis for this is an integrated sensor and a full automatic real-time control of the laser power. Typical annoyances are a thing of the past: With PierceTec, you enjoy short piercing times even in thick materials, consistent hole quality and high process reliability.

In addition, PierceTec protects the usual wear parts – in particular the protective window on the process side and the nozzle. The occurrence of smoke and splashes is minimized. Furthermore, PierceTec monitors the subsequent cutting process and reliably detects interruptions.

In short: PierceTec saves cycle time and operation costs – while increasing the performance and quality.

## Benefits

- Increased operational safety due to reliable piercing process, even in continuous operation
- Increased productivity because of high time savings compared to conventional piercing
- Lower operation costs based on increased service life of wearing parts and machine bed
- Lower waste due to reliable detection of cut interruption
- As fully integrated sensor in the cutting head ProCutter 2.0 and ProCutter Zoom 2.0



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**ProCutter with PierceTec Technology**

