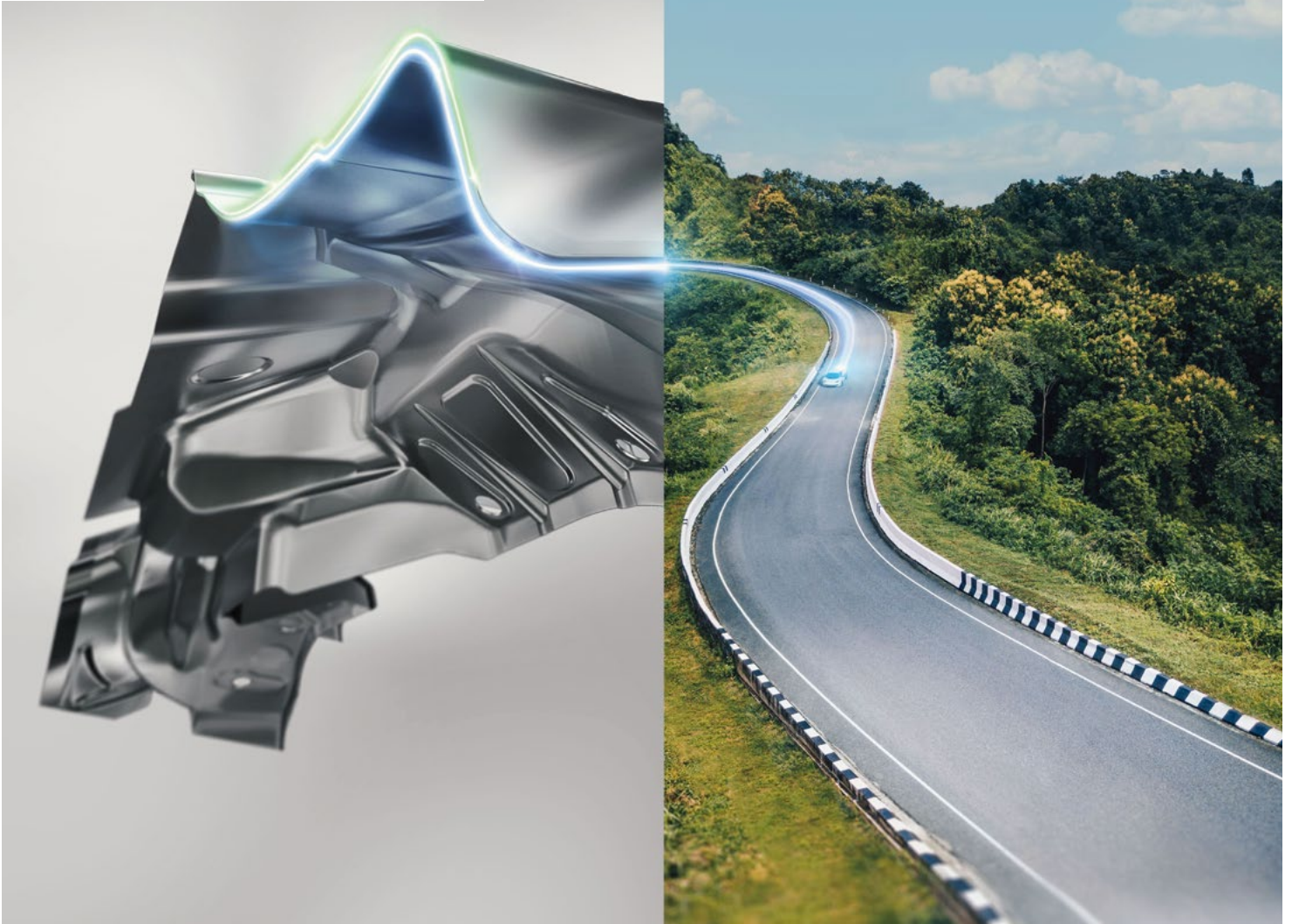


Fast-lane laser cutting

BrightLine Speed



60% higher cutting speed

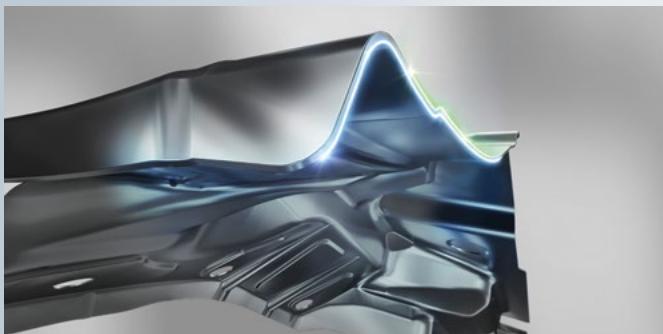
BrightLine Speed* raises the cutting speed by up to 60% for a sheet thickness of 1 mm and can be used for sheet thicknesses of up to 4 mm. Savings potential thanks to the greater productivity is up to € 40,000 annually depending on component geometry and sheet thickness.

50% less cutting gas consumption

The optimized beam profile makes it possible to use X blast nozzles with a smaller bore hole diameter. The benefits are obvious: less gas consumption per component compared to conventional cutting. The annual savings potential can be up to € 20,000 depending on component geometry and sheet thickness.

20% better process robustness

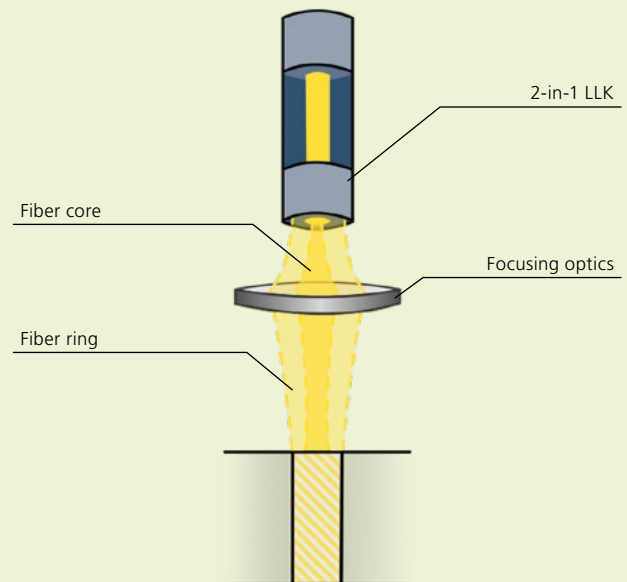
Greater overall productivity not only requires fast processing times but also robust processes. BrightLine Speed* facilitates up to 20% greater processing angles to the component surface. The advantage is evident thanks to improved cutting edge quality, for example when cutting inside corners or moving over beading.



* Available for TruLaser Cell 8030.

Faster, more robust and more economical thanks to BrightLine Speed*

Maximum productivity with minimum space – that is the challenge. With BrightLine Speed*, you increase productivity and process robustness in laser cutting, while significantly lowering gas consumption at the same time. This boosts your competitiveness considerably – and all that with an improved CO₂ footprint.



A laser with a greater than standard beam quality is used for BrightLine Speed*. In addition, the laser is equipped with a wedge beam switch to generate special power distribution between the core and the ring in the patented 2-in-1 optical laser cable. Influencing factors which before had seemed conflicting are now combined thanks to the completely altered power distribution. This elevates the process to a new, application-specific level.