

Winter sleep? Not at HA-BE!

A spring novelty featuring the new AMADA CO₂ laser cutting machine LCG 3015

As defined, the term winter sleep or hibernation describes the sleep-like state of certain animals, when their metabolic "operational temperature" decreases during the cold season.

Not in the least can we talk about going into hibernation at HA-BE and consequently not about reducing our operational temperature. We virtually strive at all times and continuously to change and further develop ourselves. And therefore, we started the New Year the way we ended the old year: integrating innovations into HA-BE's selection of machinery.

The latest addition to our machinery equipment is the AMADA CO₂ laser cutting machine LCG 3015 AF 35 that offers our customers an even more exact and precise production of parts. The LCG, with new torque motors, helical track drives and lower centres of gravity delivers high-speed cutting technology as well as faster acceleration for all kinds of materials.

The new 3.5kW resonator, specifically tuned by Amada, is suitable for all material thicknesses due to its excellent beam quality and provides an improved energy density of 30% compared to conventional CO₂ lasers and at the same time an extremely low surface roughness as a result. With this, the LCG fits seamlessly into the HA-BE eco-strategy and helps us to achieve the goals of our Energy Efficiency Program (EEP).

In line with the global innovation strategy of HA-BE, the LCG was also installed at our location in Taicang (China) immediately after it was commissioned in Altheim. In this way, we once again emphasise the consistent implementation of our worldwide production philosophy which includes the use of the same technologies at all locations and thus the "reproducibility" of all processes and quality strategies.

