The hydraulic brakes fix the laser beam exactly at the desired location. This ensures mobility within the company or at the customer’s request. The ALM is air cooled and requires no additional cooling system. Just move the laser to the workpiece, secure the laser area, aim the slim laser arm at the weld, and start welding.

Additional flexibility is possible with the unique turn and tilt objective, which allows the laser beam to be moved continuously up to 40° from vertical to any direction.

With an arm length almost 2.80 m long, the ALFlak Max offers an especially large movement radius – as a service provider or mold maker, this gives you even more flexibility for your applications. When working on pressing tools, large molds or machine components, just move the ALFlak Max on its self-propelled caterpillar track to the workpiece, aim the laser arm at the weld, and start welding. Welding seams up to 340 mm are possible without relocation.