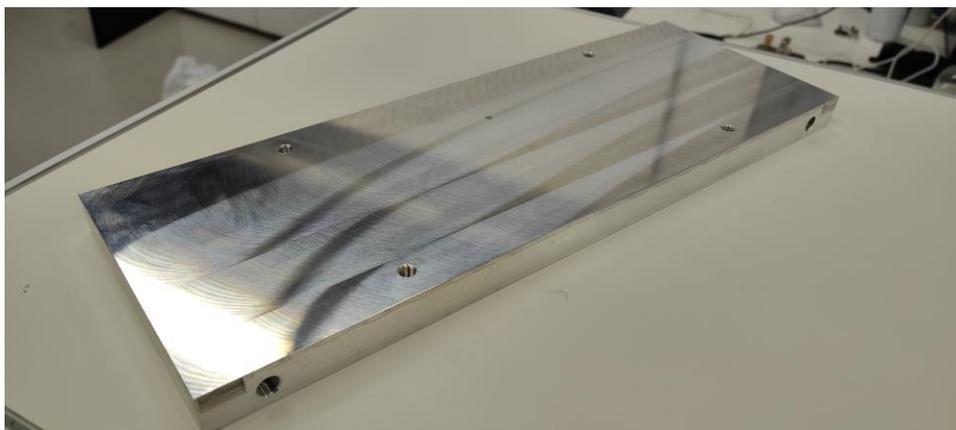


Cold plates

Aluminum cold plate is a well-known technology for the cooling of power electronics. Wieland's unique value proposition is in the welding technology and the surface heat transfer enhancement. While the welding technology allows to produce reliable units up to 50 bars, the heat transfer enhancement increase the cooling rate up to 50 kW with a single cold plate.

The working fluid can exchange heat in single-phase (water and its mixtures) or in two-phase mode (refrigerants).



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