

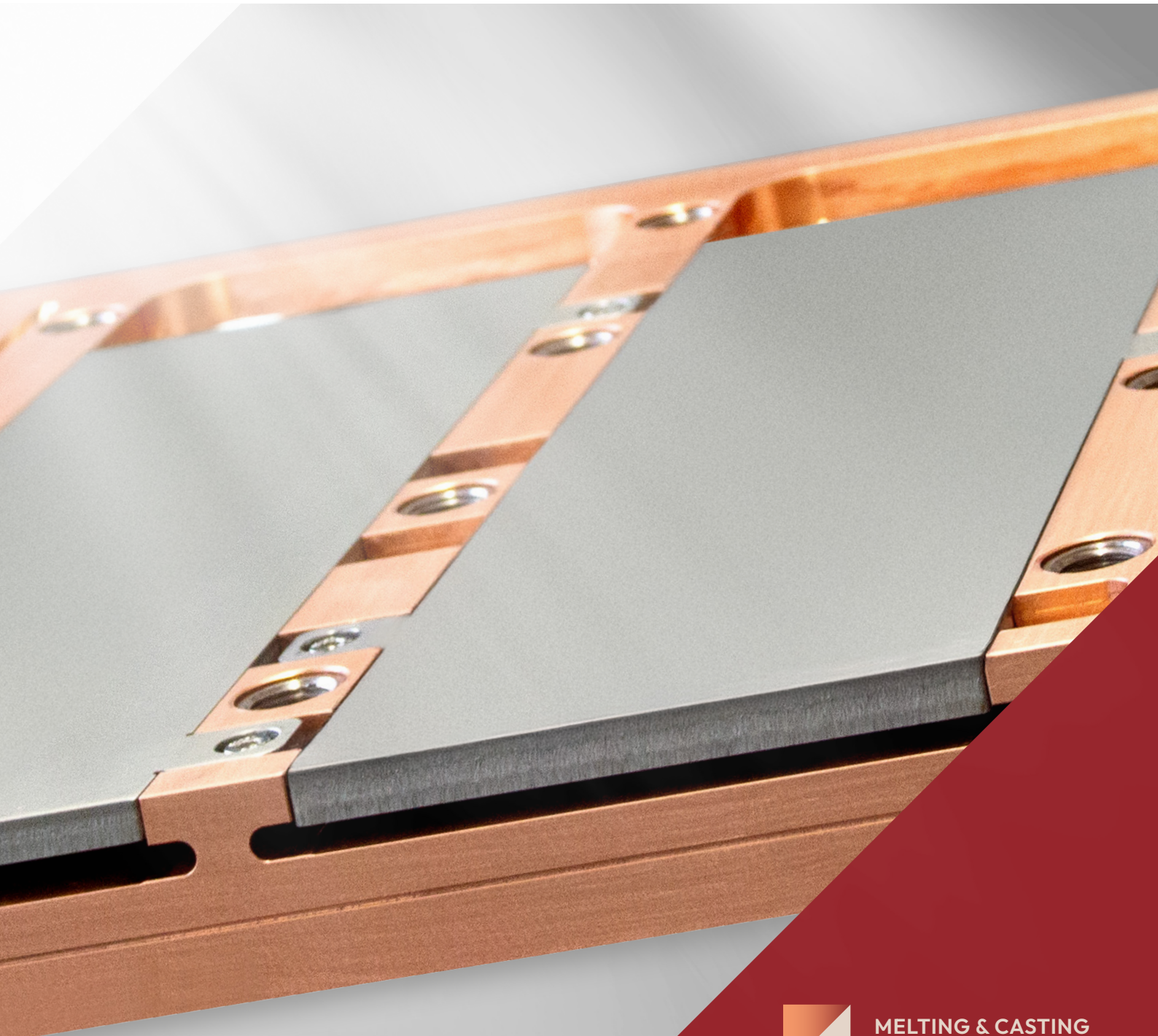


CUNOVA

Cu+ Plate

Smart Technology for
maximum Performance

PATENT PENDING



MELTING & CASTING
TECHNOLOGIES

YOUR CHALLENGE

Continuous Improvement in Quality and Efficiency

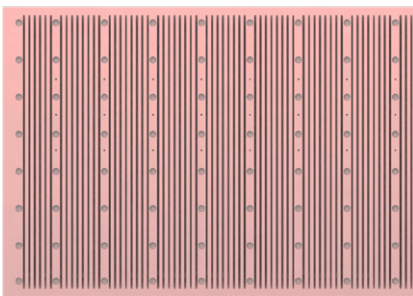
Steels manufacturers are under increasing pressure to maximise product quality while reducing operating costs to remain competitive. That's where conventional mould plates are reaching their limits – their limited rework thickness leads to frequent changes and rising maintenance costs. The Cu+ plate offers the optimal solution: under constant cooling conditions, it extends the lifetime of the mould plates by up to 50%, therefore making the production process more economical.

OUR SOLUTION

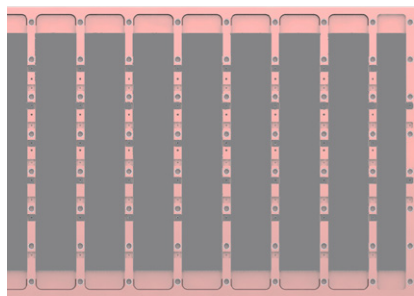
Cost Optimisation through innovative Plate Technology

Our innovative, variable cooling technology ensures that the plate remains at an optimum temperature throughout its entire lifecycle. The intelligent adaptation of the cooling* enables an increased reworking thickness, which is reflected in the lifetime. The result: a sustainable reduction in costs per tonne of steel, while maintaining the same high casting quality.

* patent pending



Standard plate



Cu+ plate

YOUR ADVANTAGES

Innovative Design for efficient Performance

Increased rework Thickness for longer Lifetime

The Cu+ plate sets new standards in steel production by enabling up to 50% higher rework thickness. This allows more copper to be reclaimed, significantly extending the plate's lifetime and reducing changeover intervals.

Surface Cooling for maximum Efficiency

Instead of conventional slotted plates, full-surface cooling is used. Specially adapted filling piece configurations achieve cooling conditions that are precisely matched to the requirements of the respective plate state.

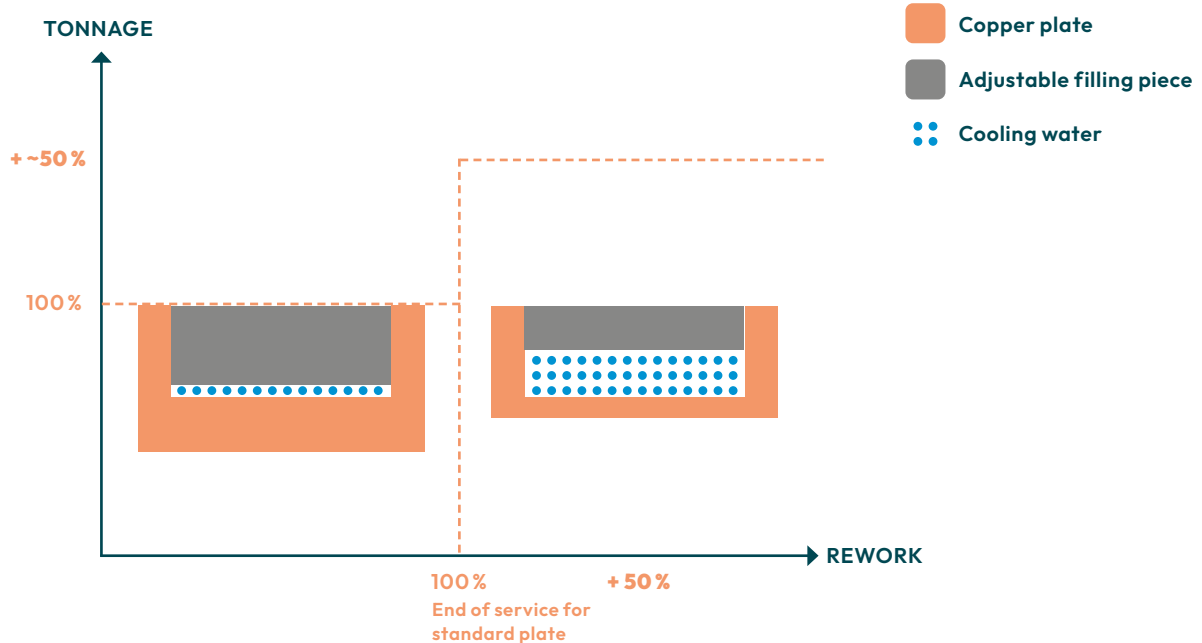
Dynamic Cooling for every Operating Phase

In the first phase of the rework thickness (new plate +50% copper), the optimal coordination of filling piece and plate results in stronger cooling that is perfectly designed for this rework area. During the second, thinner rework phase of the plate, the optimal coordination of filling piece and plate results in slightly weaker cooling.

Easy Adjustment during Maintenance

The cooling conditions of the filling piece and the plate are adjusted during routine rework. This ensures that the cooling is perfectly adapted to the changed conditions and maximises the lifetime of the plate.

The PLUS of Copper with the same Cooling Conditions means You benefit from an increased Lifetime.





**For more Information on Cu+,
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