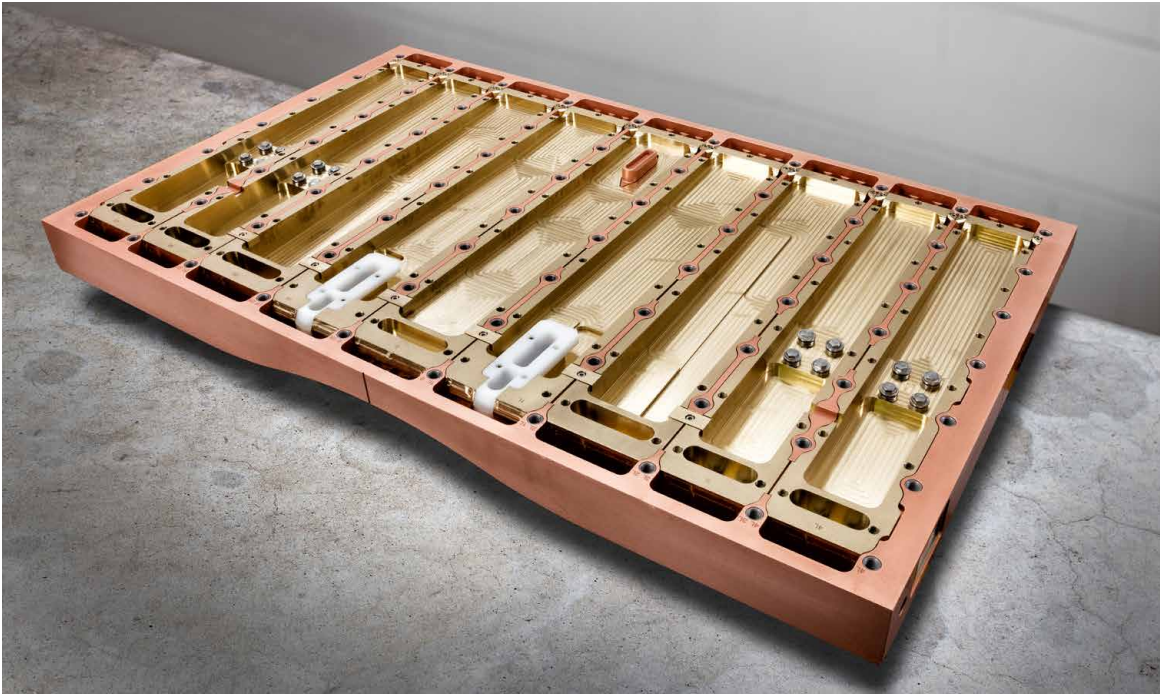


ATSM - Advanced Thin Slab Mould



- Design Challenge**
- Improved thin-slab quality
 - Lower operating costs
 - Ease of maintenance
 - Access to water-cooled copper surfaces for periodic inspection and cleaning
 - Maintain operating practices

- Solution**
- Improved copper plate design (Patent Applied)
 - Reduced copper mold internal stress (Patent Applied)
 - New anti-bulging system (Patent Applied)

- Advantages**
- Homogeneous copper plate temperature resulting in improved thin-slab quality
 - Reduced meniscus bulging
 - Easy installation
 - No filler bars
 - Complete access to water-cooled copper surfaces
 - Compatible with existing water boxes and operating practices