



MAGNET DIVISION

## CRYSTAL GROWING MAGNETS

Tesla Engineering Ltd has developed and is supplying a portfolio of superconducting magnets for silicon crystal growth using the Czochralski method (MCZ). Magnets for crystal growing diameters of 200mm to 450mm are available.



### The Next Generation in Crystal Grower Magnets;

- CUSP or TRANSVERSE fields with strengths up to 4000 Gauss
- Cryogen free
- Less than 1 day downtime for cold head service
- All magnets supplied with control unit to interface with customer pullers
- Installation, commissioning and servicing available
- Highly efficient cryogenic design for operation with only 2 cryocoolers



ENGINEERING LTD

#### Magnet Division

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