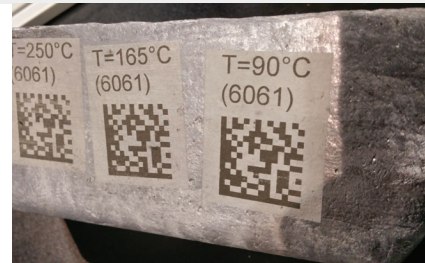


# DYNATRACE

## — Laser Marking System

Advanced laser marking system designed to ensure traceability of sheet ingots and sow products



### BENEFITS

- Marking resistant to foul weather and/or heat treatment
- Increased traceability thanks to a barcode and/or QR marking linked to factory data
- Marking on white background for optimal contrast
- Fastest laser marking in the industry
- Inkless and label-free surface system
- Reduction of operating costs thanks to elimination of labels
- High-quality marking despite rough and uneven surfaces
- Reduction of product mixing errors during processing

### TECHNICAL FEATURES

- Maximum laser security protection with *Class 1 Laser Safety Certification*
- Complete marking system for:
  - Sheet ingots
  - Sows
- Marking directly on aluminium surfaces (no stickers)
- Marking of text, images, logos, 2D matrices, bar and QR codes in desired dimensions
- 50 W, 100 W or 200 W of power depending on required cycle time
- Systems designed to fit existing ingot conveyors and carousels
- Positioning system to mark all dimensions in different positions
- Automatic adjustment of surface distance
- Integrated PLC and HMI control system with factory network communication
- Option: 3D scanner for surface characterisation, self-adjustment and autofocus
- Option: Complementary ink marking systems