



Dolgarrog, UK

**Aluminium Cold Mill
Mill Upgrade**

Project Data Sheet



Client: Dolgarrog
Project: Aluminium Cold Mill Upgrade

Improvements and benefits:

- Modification of existing drives to modern AC motors
- Improved strip quality by addition of flatness control system
- Improved roll change
- Automation of passline height adjustment

Scope of supply:

- Uncoiler and Coiler drive bases, disc brakes and gearbox couplings
- Conversion of existing 7 roll bridle to 6 roll configuration to allow fitting of new coolant spraybars and threading tables
- Millstand main drive spindles (gear type), drive base and modified spindle supports
- Roll load cylinder position transducers complete with housings and mountings
- Automation of existing passline height adjustment including drive and position sensor
- New fabricated exit table with mountings for Shaperoll and thickness gauge etc
- Hydraulic pivoting Outboard Bearing support

Mill Type: 4 High Aluminium Cold Breakdown Mill

- Size $\varnothing 432 / \varnothing 1160 \times 1540$ mm
- Products Soft and aircraft alloys
- Strip width 400 to 1360 mm
- Strip thickness 8 mm max entry to 0.3 mm min exit
- Rolling load 1400 T max
- Mill Power 1500 kW
- Speed 150 mpm

To contact Parkegate Engineering and to download other data sheets :

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