



## **Hussey Copper, USA**

**Copper Hot Mill**

**New Entry & Exit Side Guides**

# Project Data Sheet

**Client:** Hussey Copper, USA  
**Project:** Entry & Exit Side Guides for Copper Hot Mill

**Benefits:**

- Replacement of existing worn and damaged side guides
- Internal position transducers provide accurate guide head synchronisation
- Guide arms with rack & pinion synchronisation ensures parallel movement
- Overload protection provided through added pressure sensors
- Improved automation with slab detection by hot metal sensors

**Scope of supply:**

- New hydraulically operated entry and exit side guides
- New hot metal detectors
- New auxiliary hydraulic power unit
- New hydraulic valve stand
- New electrical controls

**Mill Type:** 4 High Reversing Hot Mill

- Products Copper and Copper Alloys
- Strip width 660.4 - 1067 mm (26" – 42")
- Strip thickness 190.5 mm (7.5") max. entry  
9.5 mm (0.375") min. exit
- Speed 175 mpm
- Slab length 3.5m (140") approx. max initial
- Slab temp 955°C max initial  
540°C approx. final
- Slab weight 7,250 kg (16,000 lbs)

To contact SMS group Technical Services (UK) Ltd and to download other data sheets :

Tel: +44 (0) 1202 547400  
Email: [enquiries@parkegate.co.uk](mailto:enquiries@parkegate.co.uk)  
Web: [www.parkegate.co.uk](http://www.parkegate.co.uk)