

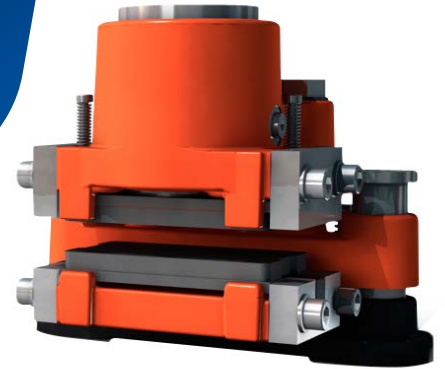
STEEL-READY BRAKING: UPGRADE FOR SLAB HANDLING CRANE

PROBLEM

In steelworks environments, electromagnetic brakes often struggle to perform reliably due to exposure to heat, dust, and vibration. On an 80Tonne semi portal slab handling crane, the existing DC magnet-controlled electromagnetic brake – managed by a small electronic rectifier/economiser – proved ineffective and unsuitable for the rugged conditions of the dogging hoist.

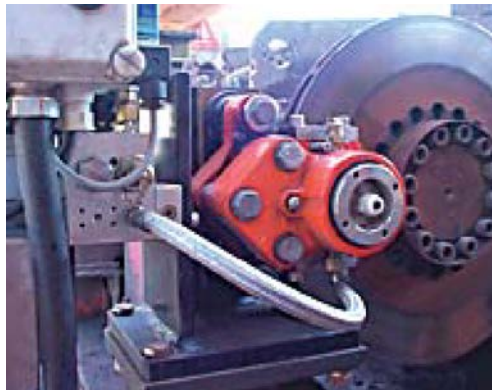
SOLUTION

To improve reliability and performance, the customer replaced the electromagnetic brake with a **BSFI 200 Monospring brake** and a compatible hydraulic unit. The new system was mounted using a custom adapter bracket, allowing it to fit seamlessly into the existing setup using the same mounting holes. This retrofit provided a robust, steelworks-ready braking solution without requiring major structural changes.



HIGHLIGHTS

- Direct Replacement Retrofit
- Spring-Applied, Hydraulically Released Design
- Ideal for Harsh Conditions
- Compact while offering long-term durability
- Improved Operational Safety



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