

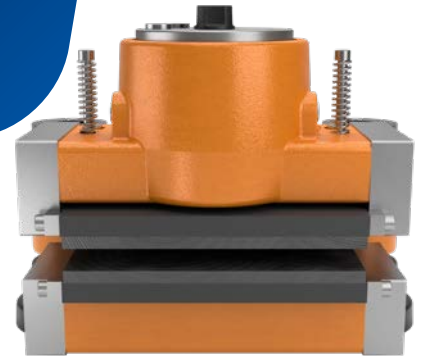
HIGH-FREQUENCY BRAKING FOR STEELWORK CRANES

PROBLEM

Steelwork operations involving Black Smith Hammer cranes demand extremely frequent and precise braking, every second for up to 6 hours daily. Traditional braking systems struggle to keep up with this intensity, risking performance degradation and operational delays.

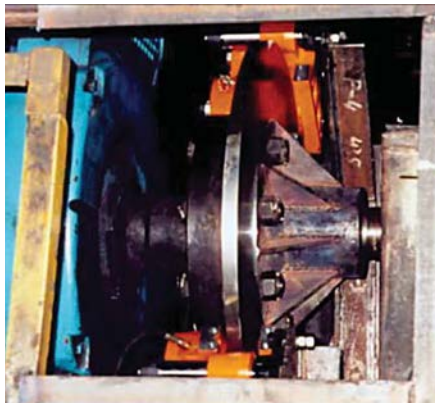
SOLUTION

Svendborg Brakes installed **2 x BSFI 300 MS brakes** on each drive of two 330-ton cranes powered by 250 kW motors. To support the high braking frequency, a special high-speed motor was continuously running the hydraulic power unit, ensuring rapid and reliable brake activation.



HIGHLIGHTS

- **BSFI 300 MS Brakes:** Designed for high-frequency industrial use.
- **Rapid Response:** Brake opening time of just 0.3 seconds.
- **Heavy-Duty Application**
- **Continuous operation** every second for 2 hours, totaling 6 hours daily
- **Custom Power Unit:** High-speed motor ensures consistent hydraulic pressure and responsiveness.



Regal Rexnord

Jernbanevej 9
DK-5882 Vejstrup, Denmark
+45 63 255 255
sb@svendborg-brakes.com
[svendborg-brakes.com](https://www.svendborg-brakes.com) | [regalrexnord.com](https://www.regalrexnord.com)

The proper selection and application of products and components, including assuring that the product is safe for its intended use, are the responsibility of the customer.

To view our Application Considerations, please visit
<https://www.regalrexnord.com/Application-Considerations>.

To view our Standard Terms and Conditions of Sale, please visit
<https://www.regalrexnord.com/Terms-and-Conditions-of-Sale>.

"Regal Rexnord" is not indicative of legal entity. Refer to product purchase documentation for the applicable legal entity. Regal Rexnord and Svendborg Brakes are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
© 2025 Regal Rexnord Corporation, All Rights Reserved.
MCCSS-11409-SV-EN-A4 10/25



SVENDBORG BRAKES™