

New Yaw Brake Lifting and Installation Tool

CUTS MAINTENANCE IN HALF

Svendborg Brakes, the leading global manufacturer of premium quality caliper brakes, has released its yaw brake lifting and installation tool, which aims to improve safety and reduce the time taken to maintain the yaw brake systems on wind turbines. This latest innovation uses a simple carriage assembly to position, raise and lower brakes to ensure that maintenance engineers minimise any heavy lifting and complete their tasks more efficiently. The LBS 120 yaw brake lifting and installation tool has been designed to work on brake assemblies with a maximum width of 502 mm and with a brake disc thickness of 40 mm. The tool incorporates a winch mechanism that is used to raise and lower the brake to floor level, with a maximum lifting height of 2,000 mm. Created to improve safety and productivity of the engineers, the tool is easy to transport and assemble on site.

Once the lifting tool has been installed, the original brake can be released, allowing it to rest on a sliding carriage which is used to position the brake below the winch mechanism that is used to lower it to the floor. The process is reversed to install the new brake, after which the tool can be repositioned to work on the next brake.

The new service tool significantly reduces the time required to maintain yaw brakes which reduces the downtime of the turbine and minimises running costs.

Svendborg Brakes, which is part of Regal Rexnord Corporation, is the market leader for the supply of yaw brakes to the global wind industry, delivering state-of-the-art yaw systems for all modern medium and large wind turbines. For more information and to see a video of how the tool works, visit <http://www.svendborg-brakes.com/en/products/service-tool.aspx>

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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>.

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HIGHLIGHTS

- Minimize costly downtime and maintenance time while improving safety with Svendborg Brakes yaw brake lifting and installation tool



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