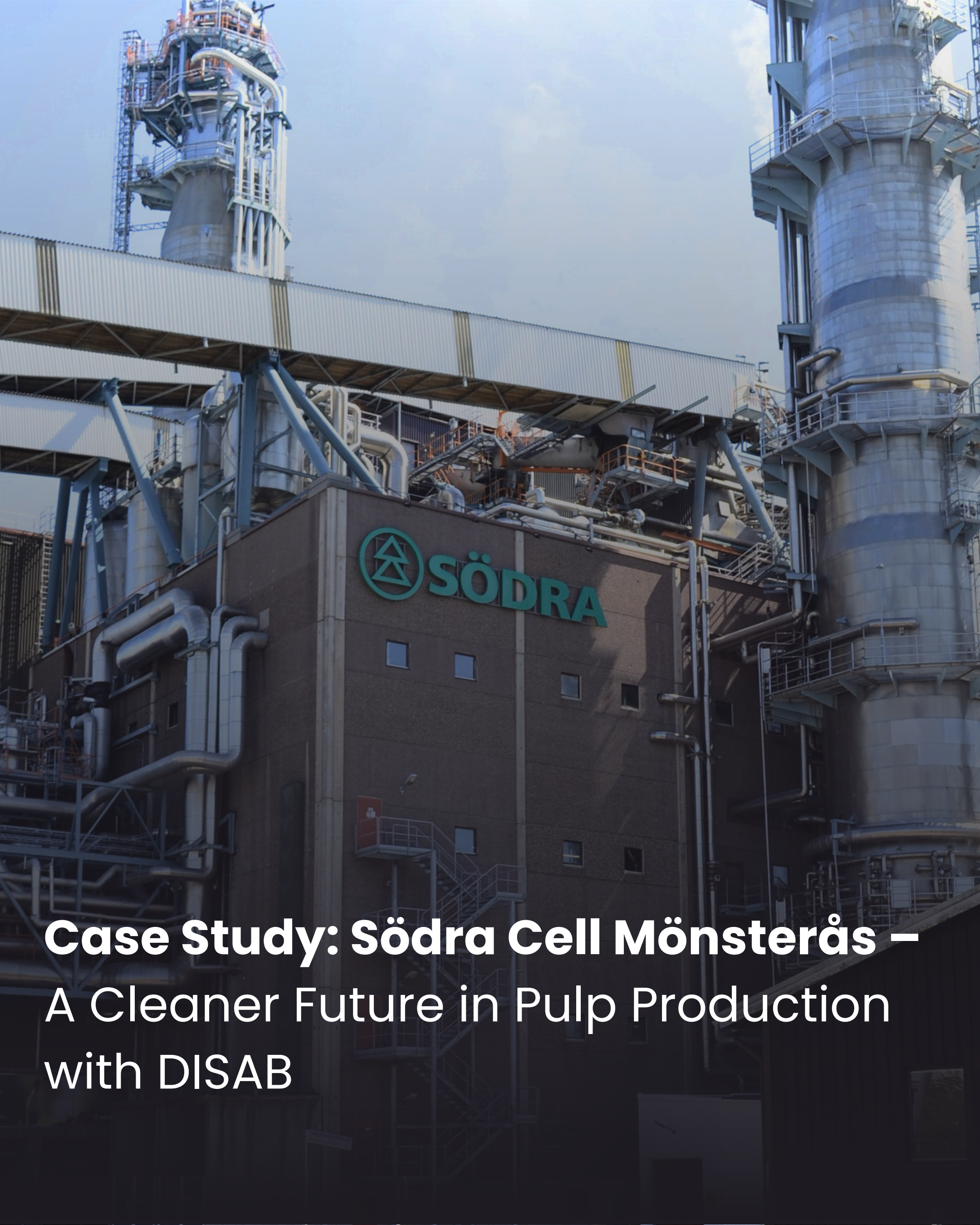


Case Study: Södra Cell Mönsterås – A Cleaner Future in Pulp Production with DISAB

INTRODUCTION

In high-volume, high-precision environments like pulp production, efficient cleaning and dust control are critical for smooth operations.

At **Södra Cell Mönsterås**—one of the most modern pulp mills—these needs became especially clear as older vacuum systems struggled to keep up.

With sustainability and uptime top of mind, the team turned to **DISAB** to upgrade their vacuum solution.

This case study explores how a tailored **DISAB PulpVac™** system helped streamline maintenance, improve vacuum performance, and future-proof operations at Sweden's largest pulp production site.

Swipe to get the full breakdown!

About the Company

Can you give us a brief overview of your company and its core operations?

Södra Cell Mönsterås is the first pulp mill within the Södra group. In operation since 1958, the mill is now one of the most modern in the world, producing approximately 750,000 tonnes of pulp per year. The raw material is sourced from a mix of softwood (two-thirds) and hardwood (one-third), and the process is highly efficient—half of the wood becomes pulp, while the other half is converted into energy.

The mill also produces green electricity, district heating, bio-methanol, and tall oil (used for biodiesel). With its own port, Mönsterås handles more than 600 ship calls annually, making it Sweden's most frequently used port by berth length.



The Challenge

What challenges were you facing before using DISAB equipment?
We already had DISAB equipment on-site, but much of it was outdated—dating back to 1979. That system only moved air and did not provide the vacuum strength needed to handle the growing dust issues. Over time, this caused frequent blockages and reduced cleaning efficiency.

How did these challenges affect your operations and goals?
While the old system technically worked, it was becoming difficult to source spare parts. Inconsistent suction and dust clogs led to more downtime during cabinet vacuuming and compromised our maintenance routines.


DISAB
THE POWER OF VACUUM






Vi arbetar säkert eller inte alls
SÖDRA

The Solution

Why did you choose DISAB over other suppliers?
DISAB offered a product that was readily available, and their service technicians are located relatively nearby, which was a big plus for us.

Can you describe the implementation process?
We purchased a ready-made unit and handled the installation ourselves. However, we did face some issues—our unit was ordered as a 690V PulpVac but delivered for 400V, which required a follow-up order for modifications.

Did any specific features of the product stand out to you?
While no single feature stood out, the unit performs solidly and adds real value to our daily operations.


KASK
Vi arbetar säkert
eller inte alls
SÖDRA
VVK




SÖDRA

The Experience & Results

What was your experience like during implementation?
Although the installation was done in-house, we appreciated DISAB's support—especially the technical expertise, which helped address the voltage issue quickly.

How did your team adapt to the new system?
Our team was already familiar with similar equipment which made for an easy transition!

Would you recommend DISAB to other companies?
Yes!

DISAB equipment is well-integrated across our site, and the consistent quality and service make it a dependable choice. If you're facing similar dust-handling issues, it's worth investing in a more robust vacuum solution.

Choose a partner that understands your needs and supports you through implementation and beyond.