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CONTINENTAL INDUSTRIE
Gebläse- und Exhaustorentechnik

We turn air into a tool

Case Study: Blower model 451.07-450kW with frequency converter Approx. 18,000 kg/h CO2 at 1.4 bar g outlet pressure, Installation in Sweden, CO2 pre-compressor for CO2 Compressor

“At one of our plants in Sweden, there was the opportunity to increase the amount of CO2 being handled. During the engineering phase of the plant expansion, we determined that a larger booster blower with a higher outlet pressure would allow the existing compressor to handle the higher amount of CO2.

Since we already had a Continental Industrie blower installed at our facility, it was natural to see if we could achieve more mass flow and a higher outlet pressure with a different blower model.

After a detailed discussion about the technical aspects of the plant expansion and short negotiations with Continental Industrie we agreed on a blower model 451. The delivery was on time and the installation could be done easily by our team. The commissioning of the blower was also carried out by our team with the support of Continental Industrie.

The blower operates smoothly and the performance increase of the plant was successful. This was not the first Continental Blower installed in a Linde CO2 plant and from my personal view, it won't be the last one.” (Martin Welin-Berger -Regional Project Manager - Linde Gas - Read more about Linde here: www.linde-gas.se)

Technical Data:

- Blower model 451.07-450kW
- frequency converter
- Approx. 18,000 kg/h CO2 at 1.4 bar g outlet pressure
- Installation in Sweden
- CO2 pre-compressor for CO2 Compressor

