



## SUCCESS STORY

### COST-EFFECTIVE SOLUTION: OVERHAUL OF 2<sup>ND</sup> HAND LABY® SETTING ITS CLOCK BACK TO ZERO HOURS

Arxada, a global specialty chemicals business with leading positions in Microbial Control Solutions (MCS) and Specialty Products Solutions (SPS) needed to produce Methylbutynol, a feedstock for vitamin production. An additional production line was necessary and Arxada turned to Burckhardt Compression to find the best and most cost-effective solution. Technical and commercial discussions resulted in the offer of a skid-mounted, 2<sup>nd</sup> hand Laby® compressor that Burckhardt Compression would overhaul to set its clock back to zero hours.

#### CUSTOMER CHALLENGES

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- Cost-effective solution was needed
- Reliability and availability were key features
- Only 11 months to complete project
- Turnkey or plug-and-play, skid-mounted solution

## APPLICATION DESCRIPTION

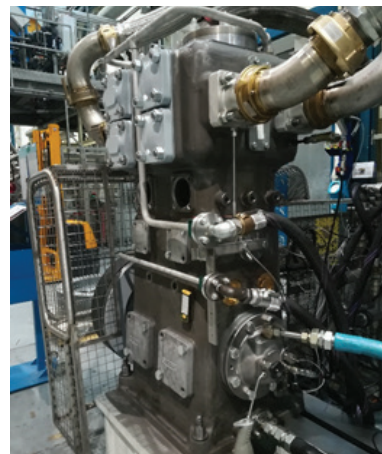
Compressor manufacturer: Burckhardt Compression			
Type	Laby® 2K90-2B	Gas	NH <sub>3</sub>
Power	55 kW / 74 hp	Suction pressure Discharge pressure	2 bara / 29 psia 14 bara / 203 psia
Speed	820 rpm		

## BURCKHARDT COMPRESSION SOLUTION

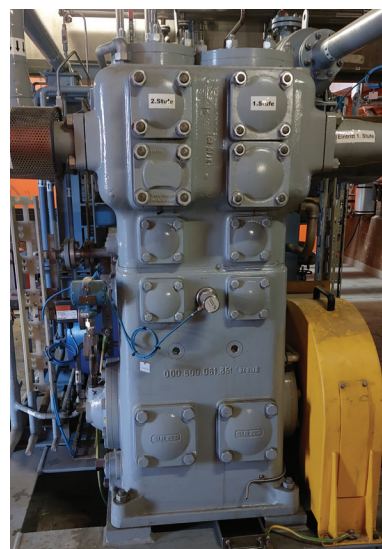
- Overhaul of a 2K90-2B 2<sup>nd</sup> hand Laby® from Burckhardt's compressor pool
- Complete skid design, calculations and production to fit operating data
- Pressure test of crankcase cylinder and cylinder cover
- Machining of flywheel and skid design for belt-driven compressor
- Assembly, full test run and painting
- New specifications for the complete skid assembly
- Installation and commissioning at customer site

## CUSTOMER BENEFITS

- Compact and efficient turnkey solution
- Oil-free Laby® technology to ensure a clean process and production
- On-time delivery, plug-and-play installation, on budget
- Highest quality for reliable operation



Test run of Laby® compressor according to Burckhardt's regulations.



Fully overhauled compressor skid installed at customer's plant.



**"We are very satisfied with our customized compressor skid and its retrofitted Laby® compressor. Burckhardt Compression has provided us with a cost-effective, reliable and high-quality solution. We can look back on a long-standing partnership, which we will continue to build on in the future."**

Claudio Furrer, Plant Engineer,  
Arxada AG

### Burckhardt Compression AG

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