

# B-NEWS

THE NEWSLETTER OF BAUER KOMPRESSOREN

**BAUER**  
**KOMPRESSOREN**

Quality. Our DNA

Issue 1 | 2025

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**75**  
1946 - 2021

**BAUER**  
**KOMPRESSOREN**

## EDITORIAL



Philipp Bayat, Dr. Monika Bayat, Heinz Bauer (l. to r.)

We look back over an eventful year, studded with successes that we can be proud of together. Our trade show appearances at boot, ComVac and Blech-expo impressively showcased the BAUER Group's strong position in terms of both our technology and organization. But 2025 was also a year of anniversary celebrations, highlighting the outstanding continuity and innovative strength of our international family of companies. Not forgetting the triumphant success of the TUFast Racing Team, achieving top places with their autonomous racing cars – supported by BAUER technology. A host of events that clearly demonstrate the enormous strength, ability and dedication within our Group. With this as our solid foundation, we can welcome the coming year with optimism, ready for action!

Heinz Bauer, Dr Monika Bayat, Philipp Bayat

## BAUER KOMPRESSOREN

# BAUER's trade fair year 2025

For BAUER KOMPRESSOREN, 2025 was an outstandingly successful trade show year. New stand designs and a host of new products generated keen interest at all three trade shows attended by the company.



The striking design of the BAUER stand at this year's boot included a stunningly realistic ocean surface as the stand floor.

The year kicked off in January with boot in Düsseldorf, where the BAUER team once again pulled out all the stops with their creative stand design. While "surf" crashed under the feet of the visitors, the "Northern Lights"

glowed high above their heads, and the products were exhibited on rocky "islets". A cosy Nordic-style lounge provided an inviting space for meetings and discussions. Overall, a stunning illusion that aptly presented



30 years of success: the JUNIOR once again demonstrated its excellence on a Greenland expedition

the trade show's motto of "Greenland". The centre of attention was the JUNIOR diving compressor, with a celebration of its 30-year anniversary and its deployment in Greenland by the Submaris research team. A further highlight was the boot dive award, presented by the exhibition organizer with extensive support from BAUER as



The "Better Oceans" team is delighted about the special award – a JUNIOR

its main sponsor. In the CLIMATE category, the Better Oceans organization received an Anniversary Edition JUNIOR II in addition to its main award, setting a powerful signal for protection of the oceans. At ComVac in Hanover in April, the BAUER Group quite literally turned the spotlight on the new high- and medium-pressure compressor series and

on ROTORCOMP's innovative water-injected screw compressors, with a stunning lighting concept for its product presentation. The focus of attention was on the digital B-CLOUD system/concept and the K22, BK23 and BM series. These compact direct-coupled models are engineered for high performance; the BM series covers a pressure range of 30 to 100 bar, while the K22 series is the ideal solution for nitrogen and noble gas applications, and the BK23 offers a low-vibration pressure-tight design. At the Blech trade show in Stuttgart at the start of October, BAUER featured



The new version of the 26-cylinder block now also compresses helium and hydrogen!

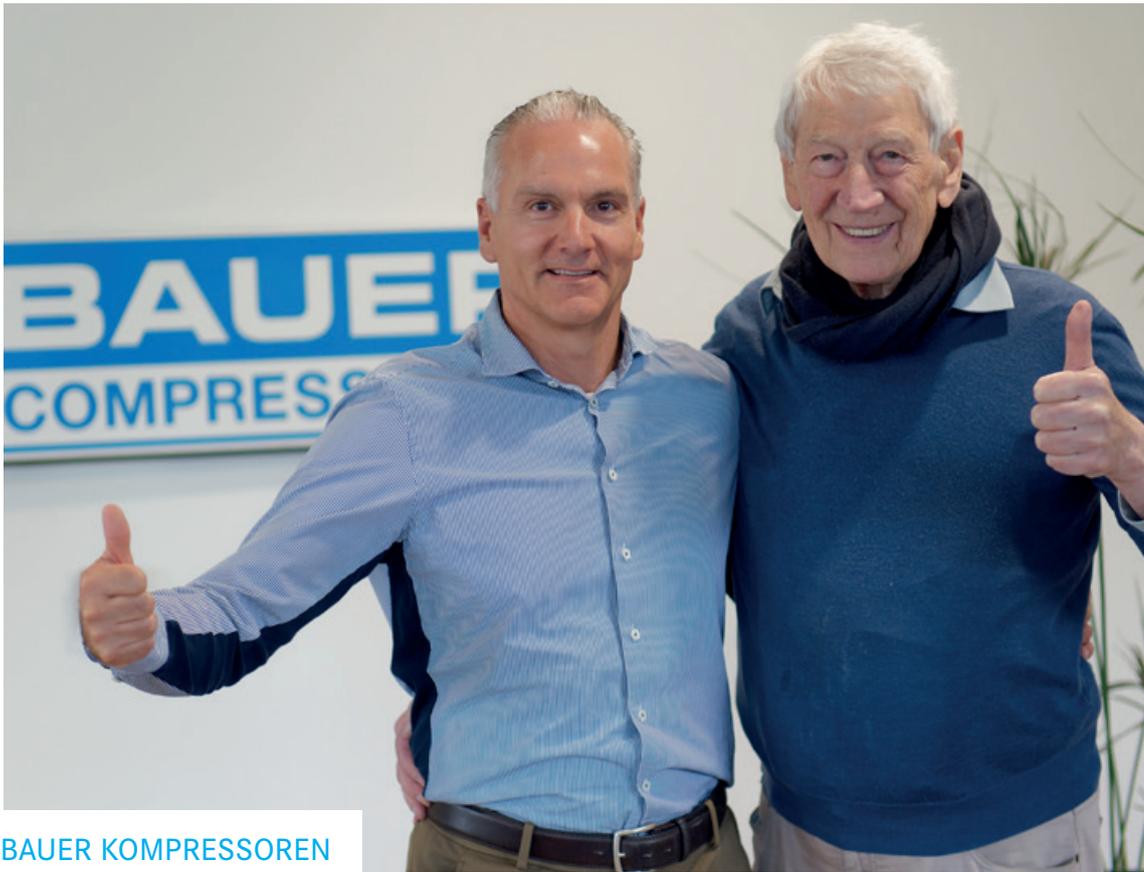


At the ComVac stand, the star of the show was the new direct-coupled 22 series block

prominently at several stands; its new 22 series block compressor gave an impressive showing in laser cutting applications at the AIRCO stand, while the ultra-compact PE-VE compressors showcased their potential as key system components, ensuring a safe and economical nitrogen supply for the cutting process.



The BAUER and ROTORCOMP teams can't wait to start their trade show week!

**BAUER KOMPRESSOREN**

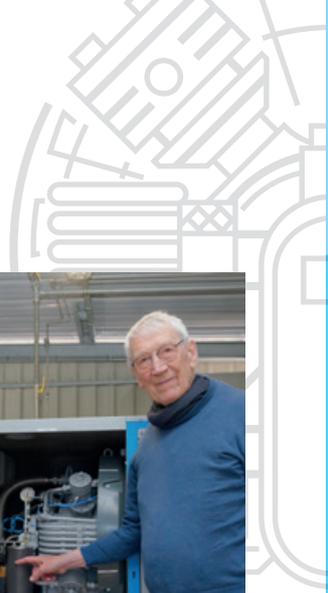
# Heinz Bauer on tour

Most 85-year-olds are happy to put their feet up. But not Heinz Bauer! Instead, he packed a suitcase, got into his car and headed off on a packed one-week tour through France and Switzerland. With remarkable elan and unflagging entrepreneurial spirit, he visited company locations, partners and employees to gain his own impressions of the projects, technologies and people that are driving BAUER's progress around the world. Kilometres of driving, hours of meetings with in-depth technical discussions, tours of plants: for Heinz Bauer, these are not tiresome things to be endured, but sources of impetus and inspiration. His trip has shown once again that BAUER's success is

founded not only on innovative strength, but also on the dedication of a born entrepreneur who is still passionately involved in every detail. An outstanding demonstration of what an unbroken contribution to the company's overall success can bring. The first stop on the journey was Chambéry, where BAUER COMPRESSEURS' new plant has gone into operation after a challenging relocation. All in perfect time for the 40th anniversary of the company's foundation, and an ideal opportunity for Heinz Bauer to pay a personal visit to the modern building as part of his one-week business trip. With visible pride, Managing Director Raffael Kurz gave him a guided tour of the bright offices,

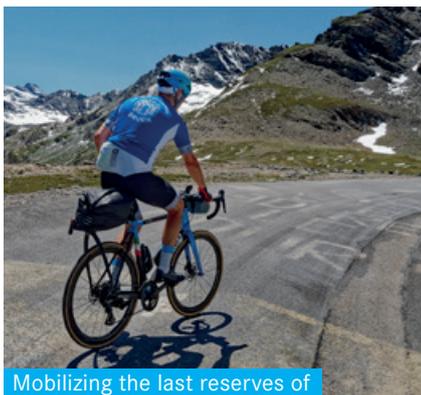
spacious communal areas and cutting-edge production facility. Environmental and climate issues were foremost in planning considerations; the building meets the strictest insulation standards and has 1,300 m<sup>2</sup> of solar panels plus heat pumps to meet all its power and heating needs. In future, the facility will manufacture the new

**The new BCF building, designed to cutting-edge standards**



Done – and done in! But delighted to have arrived. Heinz Bauer welcomes Michael Teichner at the Col d' Iseran pass.

and already highly sought-after series of compressors for producing carbon-neutral biomethane, alongside classic breathing air compressors. Heinz Bauer then took the time for a very special meeting. After a four-hour drive to an altitude of 2,750 metres, he reached the legendary Col d'Iseran mountain pass and met up with BAUER employee Michael Teichner along Teichner's gruelling cycle tour through Haute-Savoie. The highest alpine pass accessible by racing bike, Col d'Iseran is rightly regarded as one of the toughest stages of the Tour de France and was the loftiest point of Teichner's tour;



Mobilizing the last reserves of strength: nearly there!

he and a friend are tackling a total distance of 900 kilometres and 16,000 metres of altitude. Heinz Bauer was keen to show his personal appreciation of this notable sporting feat. A delightful gesture, and a powerful symbol of the special bonds that reign within our company! The journey continued into Switzerland, where Heinz Bauer inspected the new hydrogen testing facility at Apex, our Däniken-based A partner. The facility is currently testing the hydrogen compatibility of a VERTI-



The new H<sub>2</sub> filter system has passed all test operations with flying colours.

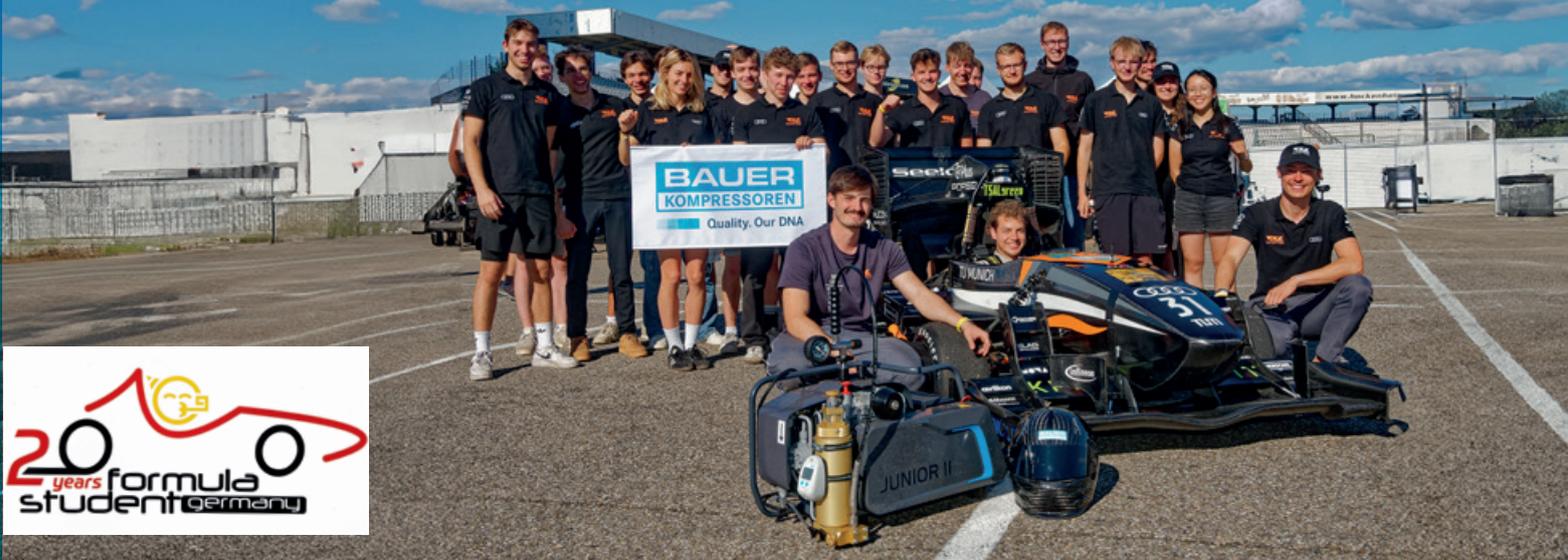
CUS compressor with P filter system, as an important step along our path into an increasingly hydrogen-based energy future. Heinz Bauer concluded his trip with a visit to Bruker Switzerland AG in Fällanden. The company is a global leader in the field of analytical solutions, particularly magnetic resonance (MR) spectroscopy. The superconducting coils of MR systems require large quantities of liquid helium; Bruker recovers the valuable gas using our BAUER helium reclamation system. On his visit, Heinz Bauer learnt about the technology and inspected the VERTICUS system installed there, which has performed reliably throughout the test operations.



Heinz Bauer and Volker Ilg examine the VERTICUS helium reclamation and recompression system.

BAUER KOMPRESSOREN

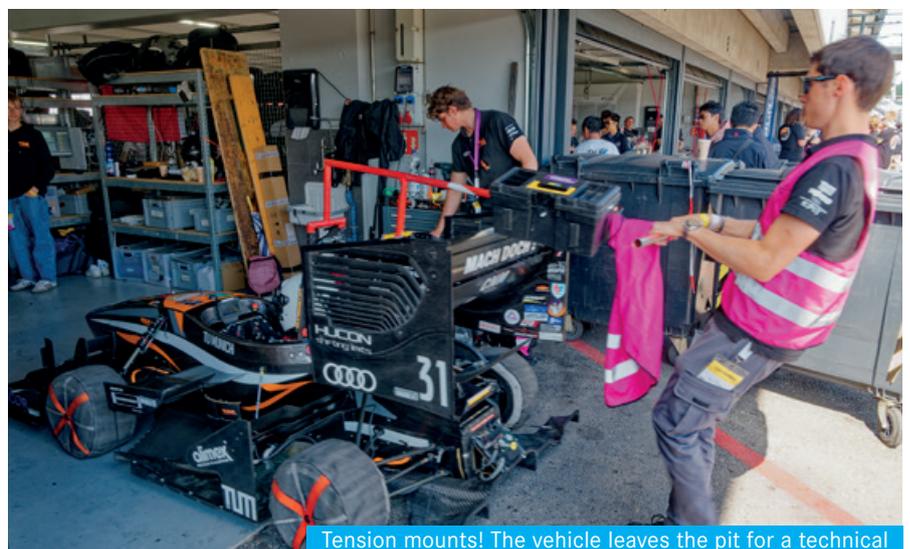
# TUfast Racing Team is a winner – with BAUER’s help



The TUfast Racing Team from the Technical University of Munich (TUM) can proudly point to an outstanding season in the Formula Student engineering design competition. Deploying autonomous racing cars and driver-controlled vehicles in parallel, the students achieved a string of top results in the international arena. An early highlight was the race in Barcelona, held at the Circuit de Barcelona-Catalunya F1 track, where the team scooped several top podium places. TUfast came top in the overall ranking in both the “Driverless” and the conventional “Driver” categories. This extraordinary double success has further enhanced the team’s status on the European Formula Student scene.

Most impressive of all were the team’s consistently stellar performance in the “Driverless” categories, where TUfast competed in almost every event and notched up strong

results throughout. A major role in these successes was played by the reliable supply of clean compressed air to the hydraulic brake systems. When a previously installed filling



Tension mounts! The vehicle leaves the pit for a technical check before hitting the track.



No holds barred in this cornering!



The vehicle undergoes final preparations and fine-tuning before the start.



The vehicle's brakes are supplied with BAUER highly compressed air.

solution suddenly failed, a BAUER JUNIOR high-pressure compressor was quickly provided and enabled the necessary tests and preparations to be completed in good time.

After the triumphant performance, team head Marlon Denk emphasized how important that support had been in allowing the team to complete their preparations for the race.

The TUfast Racing Team continued its strong showing at the start of August 2025, in the traditional race held at Hockenheimring. In the “Driverless” category, the autonomous racer demonstrated crisp, precise manoeuvring and a high level of system stability; the driver-controlled vehicle likewise delivered a consistently competitive performance. The team’s achievements have cemented its position as one of the most innovative and technologically advanced university teams in all of Europe. The success of the TUfast Racing Team has planted an impressive flag in international competitions, while confirming the power and capability of modern compressor and compressed air technology in the high-performance field.



Packed with technology and tools – the TUfast team’s pit at Hockenheimring.



## 2025 – a year of anniversaries



The pinnacle: Heinz Bauer's 85th birthday

2025 marks a very special chapter for the BAUER Group, with numerous milestones that impressively showcase the present Group's strength, versatility and fitness for the future. At the heart of all the celebrations was the **85th birthday of Heinz Bauer**, the founder, visionary and dynamic driving force behind the company, shaping its development over the past decades right up to the present day. His tireless dedication, curiosity about anything technical and flair for identifying future-facing issues still form the bedrock of the Group as a whole. An equally significant milestone



Anton Riabov from BAUER KOMPRESSOREN Australia with Helmut Lechner

was the **40th anniversary of BAUER COMPRESSEURS** in the French city of Chambéry. The subsidiary can celebrate not only four decades of successful market presence, but also its relocation to a cutting-edge facility, which continues the growth strategy of the previous years. Focusing on breathing air and industrial gas solutions, the location has a well-established status as a high-performance member of the BAUER world. Anniversaries came thick and fast at international level, too: **BAUER KOMPRESSOREN Australia** can look back on **15** extremely successful **years**, in which the team has built up the entire Australian region into one of the foremost markets for breathing air and high-pressure technology in fields ranging from firefighting and mining to offshore operations.

**ROTORCOMP** also had an anniversary to celebrate, looking back on **45 years**

as a technological cornerstone of the BAUER Group. The specialist in screw compressors and gas modules supplies key components for countless applications around the world, reliably strengthening the Group's technological depth.

Rounding off the anniversary year, **BAUER KOMPRESSOREN UK** is celebrating **30 years** of operation. The subsidiary has built a strong reputation as a reliable partner to the firefighting, industry and maritime sectors, and has firmly established the BAUER brand on the market. All these anniversaries collectively embody a company history founded on innovative strength, dedication and international diversity. The BAUER Group is growing – technologically, geographically and culturally – and 2025 has once again proved the strength of our roots and the dynamism of the path we are taking into the future. ■■■

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