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SUCCESSFUL PARTNERS – AS BAUGERÄTE AND UNIMOG BY MERCEDES BENZ.

Powering ahead with the innovative technology partnership of SAUER BIBUS with Poclain Hydraulics

Technology company SAUER BIBUS, based in Neu-Ulm, has developed over the past 25 years into a leading manufacturer of innovative hydraulics solutions for mobile and stationary applications. The company has developed a new corporate mission, which is simultaneously a pledge to its customers and partners: “Solution Provider for your System!”

To fulfil this claim in every area, SAUER BIBUS cooperates with long-term technology partners. As a result, its own innovative products can be combined with the components of various partners to produce perfect one-stop solutions.

Here is how Tobias Hanneken, an engineer at SAUER BIBUS, sums up the objectives:

“We see ourselves as the solution specialist for our customers’ hydraulic systems, and we have defined our goals and innovation steps in our Strategie 2025. Even today, we are able to meet all customer requirements in top quality, from individual components and assemblies to complex systems.”

Technology partnership with Poclain Hydraulics

The best example of such a technology partnership is the cooperation with Poclain Hydraulics, a subsidiary of a French group with more than 2,300 employees worldwide. Poclain Hydraulics specialises in the design, manufacture and sale of hydrostatic drive systems. It is the world leader in hydrostatic drive technology based on the radial piston principle. Its drive systems are distributed across a range of markets, including automotive, agriculture, construction, environment technology, material handling and industry.

In 2018, SAUER BIBUS became a Certified Repair Center for PM-series medium-pressure pistons from Poclain Hydraulics. That was the start of an even closer cooperation between the two companies.



Example of a radial piston motor of similar configuration supplied by SAUER BIBUS.

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Best practice – the Unimog with verge cutter

AS Baugeräte, Bau- und Kommunaltechnik was founded in 1991 with the aim of developing construction equipment to fill specific gaps in the road construction market segment.

With innovative solutions, especially for road maintenance and repairs, the company based in Wildflecken steadily advanced to become a successful supplier of special equipment. Due to its versatility, the Unimog is a mainstay in municipal construction vehicle fleets. It is frequently used as a carrier vehicle for the product solutions from AS Baugeräte.

The best example of the cooperation with SAUER BIBUS is the Unimog with the high-performance BF 600 verge cutter.

The main job of the verge cutter is to efficiently mow overgrown verges on roads, waterways, cycle paths and footpaths. The BF 600 effectively cuts overgrowth, chops it reliably and ejects the material to the side.

The hydraulic side-shifting feature and ejection width control ensure extremely convenient working, even on hard-to-access sections. This is possible thanks to the high-power radial piston motor. It is supplied as a Poclain Hydraulics component from SAUER BIBUS specifically tailored to the system.

This cooperation has produced a highly efficient hydraulic system specially designed for use in road construction.



The Unimog from AS Gerätebau with the high-performance BF 600 verge cutter.

This is how Alfred Söder, the proprietor of AS Baugeräte, sums up the benefits of the cooperation:

“What makes the cooperation with SAUER BIBUS stand out is the enormous focus on solutions and efficiency. This close cooperation enabled us to develop a first-class solution that’s become a big hit on the market.”

Motivated by their successes and the professional partnership, the two companies are already planning further technology projects. For SAUER BIBUS, the cooperation with AS-Baugeräte is another example of how it achieves first-class products by positioning itself as a solution provider and pursuing a clear goal.

Further information:

Julia Steck
Marketing
SAUER BIBUS GmbH
Lise-Meitner-Ring 13
D-89231 Neu-Ulm
E-Mail: jsteck@sauerbibus.de
Phone: +49 731 1896-156