

# Specialist Press Release

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## 25 years of RTG – a success story

**Schrobenhausen, Germany** – From vibrating and impact driving to drilling, the equipment of RTG Rammtechnik GmbH is used at many specialist foundation engineering sites around the world. RTG now looks back proudly on more than 25 years during which the company has grown steadily and ultimately become one of the market leaders in the manufacture of pile driving equipment. It all started in the mid-1990s when the management of Bauer Spezialtiefbau GmbH decided to branch out into impact driving apart from the manufacture of specialist foundation engineering equipment.

They were able to secure Matthias Sähn, an experienced engineer, as design manager. Today he is Sales Manager at RTG and recalls: "Back then, design, sales and development were housed in the new engineering office to the west in Hahn near Düsseldorf, construction and installation were located in the Schrobenhausen plant."

In 1997, an RG 18 T was presented at the Bauer in-house exhibition for the first time. One year later at Bauma 1998 in Munich, RTG presented a machine from the RG 15 T series for Bauer and an RG 18 T on the stand of sales partner Zeppelin.

The move to Schrobenhausen happened in 2000: design and sales were integrated at the headquarters, shortening the routes to production. One year earlier, Bernhard Lindermaier had taken over the management of RTG.

After Bauma 2001 in Munich, business gained considerable momentum: Future-oriented generations of equipment were driven forward, new partners were acquired for sales and the international business grew in importance. The first export distributor was AGD Equipment from England; the collaboration has continued very successfully until today. Other collaborations followed. "We were able to become market leaders gradually in many countries," explains Matthias Sähn.

New achievements secured this position as market leader. "Over the years, more and more construction methods were implemented with our impact driving equipment," reports Bernhard Lindermaier. Apart from conventional vibration driving of sheet pile walls, RTG relied increasingly on new technologies such as cutter-soil mixing (CSM) or the mixed-in-place (MIP) method.

The RG 25 S marked the entry into fixed leaders after only telescopic leaders were manufactured in the past. Another milestone was the sheet pile press: With this attachment unit, sheet piles are pressed into the ground instead of vibrating, which leads to a considerable reduction of vibration.

The noise reduction is also a major factor. Together with the company Sennebogen, which has always been engaged in the manufacture of upper carriages, the first upper carriage with an integrated noise protection flap for noise reduction was built in 2012: the BS 65 RS. The equipment also offers enhanced safety and reduced emissions.

In 2016, RTG brought a fully encapsulated vibrator onto the market. The trademarked "Silent Vibro" enables extremely quiet work thanks to its closed housing, as the name suggests; thanks to the integrated lubricating and cooling system, the vibrator is independent of the ambient temperature. This technology allowed the company to enter the Japanese market, where particularly in the urban area there are strict requirements for low-noise equipment.

Two years later, RTG established a collaboration with thyssenkrupp as authorized dealer. In April of this year, the company changed its name to terra infrastructure. The equipment series from RTG perfectly rounds off the distributor's portfolio in the upper market segment; terra infrastructure has positioned itself as the most important distributor of RTG equipment in the German, Austrian and now also Danish markets.

In recent years, RTG has continued to bring new innovations onto the market: At Bauma 2019, the sheet pile driving assistant was presented, an effective tool for precise and rapid handling of sheet pile elements. The assistant can be operated using the new radio remote control, which is also used to remotely control the secure assembly and dismantling of the RG pile driving equipment.

And the ongoing development of the equipment fleet shows no signs of slowing. Work is currently proceeding on a pile driver that moves on rails and can be used strategically for the rehabilitation of embankments and bridges. The first delivery is planned for early 2023. "With this equipment, we have achieved another crucial step towards sustainability," says Managing Director Bernhard Lindermaier. "The topics of environment, transport, CO<sub>2</sub> reduction and digitalization play an important role in our new developments. As a result, we are optimally equipped for the demands and challenges of the future."

#### **Photos: 2022-06\_BAUER\_25 years of RTG...**



(1) The sheet pile driving assistant is an effective tool for accurate and rapid handling of sheet pile elements.



(2) The radio remote control is also used to remotely control the safe assembly and disassembly of the RG rigs.

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### **About BAUER Maschinen Group**

For almost 60 years, equipment from Bauer has represented the highest performance and quality and constant innovation. The BAUER Maschinen Group is the world market leader in the development and manufacture of specialist foundation engineering equipment. BAUER Maschinen GmbH, which is also the holding company for a number of subsidiaries, designs and builds large-diameter drilling rigs, duty-cycle cranes, trench cutters, grabs and vibrators as well as the related tooling at its plants in Schrobenhausen, Aresing and Edelshausen. The subsidiaries manufacture state-of-the-art mixing and separation equipment as well as rotary drive systems and equipment for drilling small-diameter boreholes and wells. The BAUER Maschinen Group also operates manufacturing facilities in the USA, Russia, China, Malaysia, Italy, Singapore and Turkey. Component suppliers within the Group are Schachtbau Nordhausen and Olbersdorfer Guß. The company operates a global sales and service network. More at [bma.bauer.de](http://bma.bauer.de)

### **About Bauer**

The BAUER Group is a leading provider of services, equipment and products dealing with ground and groundwater. With over 110 subsidiaries, Bauer can rely on a worldwide network on all continents. The Group's operations are divided into three forward-looking segments with high synergy potential: Construction, Equipment and Resources. Bauer profits enormously from the collaboration of its three business segments, enabling the Group to position itself as an innovative, highly specialized provider of products and services for demanding projects in specialist foundation engineering and related markets. Bauer therefore offers suitable solutions to the world's greatest challenges, such as urbanization, the growing infrastructure needs, the environment, as well as water, oil and gas. The BAUER Group was founded in 1790 and is based in Schrobenhausen, Bavaria. In 2021, it employed about 12,000 people in around 70 countries and achieved total Group revenues of EUR 1.5 billion. BAUER Aktiengesellschaft is listed in the Prime Standard of the German Stock Exchange. More information can be found at [www.bauer.de](http://www.bauer.de). Follow us on [Facebook](#), [LinkedIn](#) and [YouTube](#)!