

## Specialist Press Release

June 29, 2021

Contact:  
Wiebke Foellmer  
BAUER Aktiengesellschaft  
BAUER-Strasse 1  
86529 Schrobenhausen, Germany  
Phone +49 8252 97-3843  
[public.relations@bauer.de](mailto:public.relations@bauer.de)  
[www.bauer.de](http://www.bauer.de)

### **Bauer involved in the expansion of Egypt's largest port**

**Alexandria, Egypt** – Egypt is a maritime country that has a remarkable geographical location on the junction of three continents and 2,000 km of coastline on the Mediterranean and the Red Sea which has developed its connection with the foreign world since ancient times. The Egyptian government has planned to develop six main ports to accommodate the growing demand on the seaborne trade – and BAUER Spezialtiefbau GmbH, through its local subsidiary BAUER EGYPT S.A.E., is involved in four of them.

The city of Alexandria has over 5 million inhabitants and is the second largest city in Egypt after Cairo. The Port of Alexandria is one of the oldest ports in the world and the main port of the country. It handles about 60% of the country's exports and imports. Alexandria Port is located on the west verge of the Nile Delta between the Mediterranean Sea and Lake Mariut. It consists of two harbors separated by a peninsula which is T-shaped. The shallow east harbor is not navigable by large vessels. The west harbor is used for commercial shipping. A plan has been elaborated to expand Alexandria Port to enable more cargo being handled. The new “Multi-Purpose Terminal 55/62”, to be constructed as an expansion to the Alexandria port, will occupy an area of approximately 56 ha which shall be reclaimed and improved.

BAUER EGYPT S.A.E. was awarded by the main contractors EDECS and GIECO the deep foundation works of a semi-rectangular quay wall with a volume of 225,897 m<sup>3</sup>, consisting of a front diaphragm wall, two rows of middle piles and a rear row of barrettes. The front diaphragm wall will be 1.2 m thick over a length of 1,500 m and 1.0 m thick over a length of 1,025 m. The 1,326 middle piles and the 660 rear barrettes will have a depth of 39 m, just like the front diaphragm wall.

In addition to four trench cutters, two Bauer drilling rigs of the type BG 28 are in use. The vertical elements are planned to be executed parallelly by the means of two mega mixing plants located initially on the north and south sides of the wall covering a 200 m radius around each of them. The mixing plants will be shifted along the quay wall as the work progresses. Construction work executed by Bauer Egypt began on September 28, 2020 and is expected to take a total of ten months.

Images: 2021-06\_BAUER\_Alexandria ...



In addition to two BAUER BG 28 drilling rigs, two trench cutters together with mixing plants are also being used. © BAUER Group

### **About BAUER Spezialtiefbau Group**

BAUER Spezialtiefbau GmbH, the original parent company of the BAUER Group, has been a major driving force in the development of specialist foundation engineering. It carries out all of the customary processes of foundation engineering, primarily for excavation pits, foundations, cut-off walls and ground improvements on a worldwide basis. In doing so, BAUER Spezialtiefbau GmbH works closely together with their over 50 subsidiaries and branches across the globe. Regional networks around the world allow for the quick and flexible application of machines, teams and expertise. Bauer Spezialtiefbau offers their customers individual, creative and economical specialist foundation engineering solutions for demanding construction projects, from planning through to execution. More at [bst.bauer.de](http://bst.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 2020, it employed about 11,000 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](#)!