

Press release
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German magnetic levitation technology for the Far East

Vehicle for the Bögl Transport System has arrived in China

Max Bögl and its Bögl Transport System have reached the next milestone on the way to commissioning in Chengdu, China. Beginning in September, the local public transport system, which is based on magnetic levitation, will be introduced on a three-and-a-half kilometre-long test track. Manufactured at Max Bögl's main factory in Sengenthal, the vehicle has now arrived in Sichuan Province. After commissioning, the vehicle will demonstrate in practice the sustainable, space-saving and low-emission possibilities of the Transport System Bögl for local transport.


On the way to its destination, the new local transport system first had to take advantage of classic transport. The well-packed truck for the Bögl Transport System traveled over 7,500 kilometers from Sengenthal to Chengdu. Beginning at the main Max Bögl factory, it was brought by truck to Frankfurt Airport, and from there using air transport via Moscow to the geographical center of the People's Republic. There, the car body, which was delivered to the Far East by sea, will be assembled.

Solutions for urban transport systems

The Transport System Bögl offers solutions for the future challenges of urbanization. People are increasingly drawn to the urban centers of already crowded cities and metropolises. In many places, road traffic already comes to a standstill at rush hour. Local public transport systems like subways have already reached the limits of what can be achieved in terms of trip timing. The TSB can be integrated into existing transport systems in a space-saving, flexible and cost-efficient way. Whether elevated, at ground level or in tunnels, this makes it possible to provide relief for traffic and the collapse of transport in cities.

"Improving urban mobility can only succeed with innovative solutions in all sectors," says Dr. Bert Zamzow, head of TSB at Max Bögl. In particular in China, there is a great need to make up ground with rail-bound mass transit systems in order to cope with the increasing traffic in megacities. This makes the country the largest market for local transport systems. Max Bögl was able to win Chengdu Xinzhu Road & Bridge Machinery Co. Ltd. as its first cooperation partner for the Transport System

Media contact



Nancy Fürst
Marketing Director for Wind
Company communication

Tel. +49 9181 – 909-14698
nfuerst@max-boegl.de
Twitter: @mbrenewables

Max Bögl Wind AG
PO Box 11 20
92301 Neumarkt (Upper
Palatinate)

Bögl. “Together with our local partner, we will drive forward the marketing of the TSB and implement the first routes in the near future,” explains Stefan Bögl.

Technology of the future

The Transport System Bögl is based on magnetic levitation technology and is propelled by a linear motor. This makes the innovative local transport system extremely quiet, reliable and low-emission. As part of the development process, the vehicle has already completed 125,000 shuttle journeys on the test track in Sengenthal, covering a distance of over 83,000 kilometers.



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Images:



Truck transport from the factory in Sengenthal
Image source: Max Bögl Group – graupause



Loading at Airport Frankfurt, Germany
Image source: Max Bögl Group – Reinhard Mederer

Bögl Transport System

With the Bögl Transport System, Max Bögl has developed a future-oriented local transport system based on magnetic train technology. It is quiet, flexible, low-emission, space-saving and reliable. The Bögl Transport System works with a linear drive, and thanks to flexible routing, can be integrated into existing transport infrastructure. As a turnkey supplier, Max Bögl is responsible for planning, industrial production of the track and vehicle, and construction measures. This is resource and cost-efficient, which makes it possible for the infrastructure project to be completed quickly.

With around 6,500 highly qualified employees at more than 35 locations worldwide and an annual turnover of over 1.65 billion euros, Max Bögl is one of the largest building, technology and service companies in the German construction industry. Ever since its founding in 1929, the company has been known for its innovative strength in research and technology – from tailor-made custom solutions to complete construction engineering solutions that are ecologically sustainable.

www.max-boegl.de

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