



Press Release

HERRENKNECHT

Congratulations: Munich students impress Elon Musk with high speed.

September 07, 2017

Schwanau, Germany / Hawthorne, United States

The WARR (German acronym for Scientific Work Group for Rocketry and Space Flight) Hyperloop Team of the Technical University of Munich (TUM) won the SpaceX Hyperloop Pod Competition in Hawthorne, Los Angeles, on August 28, 2017. The Munich student group's prototype reached sensational 324 km/h on the 1.25 kilometer test track. This is the fastest speed ever measured in the field of hyperloop technology and thus a world record. Herrenknecht supports the WARR Hyperloop initiative and congratulates the team on this top performance.

_____ In 2013, US entrepreneur and visionary Elon Musk gave the impetus for the new underground high-speed transport system »Hyperloop«. A lot has happened since then. The Tesla founder internationally announced Hyperloop competitions on the purpose-built SpaceX test track in Los Angeles. He thus challenged students worldwide to develop particularly powerful concepts and to design and build vehicle prototypes for initial test drives. The bold goal of the Hyperloop: underground travel at full speed in a low-pressure tube. By means of magnetic levitation technology, transport pods would carry people to their destination at the speed of sound.

At the beginning of the year already, the WARR Hyperloop team from Munich was successful in the first SpaceX Hyperloop Competition. At the end of August 2017, the second competition in Hawthorne, Los Angeles, was all about maximum speed. 24 international teams went to the start, the best three reached the final. Here the 30-strong Munich team WARR Hyperloop impressed the tech giant Elon Musk, because their pod concept reached a top speed of 324 km/h in the tube and left everyone else in the dust. After a development period of five months and various optimizations of the capsule, the students of the Technical University of Munich were able to celebrate

Herrenknecht AG
Schlehenweg 2
77963 Schwanau

Corporate Communications
Phone +49 7824 302-5400
pr@herrenknecht.de

www.herrenknecht.com



another great success with Elon Musk and his engineers after their first success in January.

"We are particularly happy that the WARR Hyperloop student team from Munich was able to take the groundbreaking Hyperloop transport technology a good way forward. We at Herrenknecht AG congratulate them on this fantastic success," said Martin-Devid Herrenknecht, who himself studied mechanical engineering at the TU in Munich. The demand for future mobility and increasing urbanization call for revolutionary concepts. Hyperloop can be a new solution. As the world market leader in mechanized tunnelling technology, Herrenknecht supports the WARR Hyperloop project as a Gold sponsor.

Official press release from WARR Hyperloop:

<http://hyperloop.warr.de/wp-content/uploads/2017/08/WARR-Press-Release-Hyperloop-Pod-Competition-II.pdf>

Herrenknecht AG
Schlehenweg 2
77963 Schwanau

Corporate Communications
Phone +49 7824 302-5400
pr@herrenknecht.de

www.herrenknecht.com

Photos

Congratulations: Munich students impress Elon Musk with high speed.



Photo 1

Herrenknecht supports the WARR Hyperloop Project as a Gold sponsor and congratulates the team on their great success. "We are particularly happy that the WARR Hyperloop student team from Munich was able to take the groundbreaking Hyperloop transport technology a good way forward," said Martin-Devid Herrenknecht.



Photo 2

The WARR Hyperloop team's pod reached a speed of 324 km/h – the fastest speed ever measured in the field of hyperloop technology and thus a world record.



Photo 3

Underground travel at full speed in a low-pressure tube. By means of magnetic levitation technology, transport pods are designed to carry people to their destinations at the speed of sound.

Herrenknecht AG
Schlehenweg 2
77963 Schwanau

Corporate Communications
Phone +49 7824 302-5400
pr@herrenknecht.de

www.herrenknecht.com



For further information: Please contact us.

Herrenknecht AG

Herrenknecht AG is the only company worldwide to deliver tunnel boring machines for all geologies and in all diameters – ranging from 0.10 to 19 meters. The product range comprises tailor-made machines for traffic, supply and disposal tunnels, technologies for routing of pipe lines, as well as additional equipment and service packages. Herrenknecht also manufactures drilling equipment for vertical and inclined shafts as well as deep drilling rigs.

The Herrenknecht Group achieved total revenues of 1,208 million euros in 2016. The independent family business employs over 5,000 people worldwide, from which are 180 trainees. With 76 domestic and overseas subsidiaries and associated companies working in related fields, Herrenknecht provides comprehensive fast and targeted services close to each project and customer.

› <http://www.herrenknecht.com/de/referenzen>

Your contact:

Achim Kühn

Head of Group Marketing and Corporate Communications

Phone +49 7824 302 -5400

Fax +49 (0)7824 302-4730

pr@herrenknecht.de

Herrenknecht AG
Schlehenweg 2
77963 Schwanau

Corporate Communications
Phone +49 7824 302-5400
pr@herrenknecht.de

www.herrenknecht.com