



Press Release

HERRENKNECHT

Tunnel brings France and Italy closer together

December 22, 2023

Schwanau, Germany

A rail tunnel between Lyon and Turin will bring the two European countries even closer together in the future. Three Herrenknecht tunnel boring machines (TBMs) have already been delivered for the project. This week saw the ceremonial acceptance of the fourth of a total of five machines.

_____ A rail tunnel of superlatives will be built under Mont Cenis between Lyon and Turin. The entire section will be 57.5 kilometers long. Three tunnel boring machines from the German company Herrenknecht have already been delivered for this project. A fourth has now followed. It is the first to cross the border between France and Italy. With a diameter of 10.4 meters, a weight of 3,200 tons and a length of 334 meters, it will drive one of the two 18-kilometer-long tubes of the Mont-Cenis Base Tunnel.

The Gripper-TBM machine braces itself in the rock face with two so-called gripper shoes and pushes itself forward. Meanwhile, the drill head rotates with 62 cutting rollers and removes the rock from the face piece by piece. On the occasion of the ceremonial acceptance at the Herrenknecht plant Maurizio Bufalini, General Director of the client TELT, emphasized the European appeal of the overall project: "This is the first of two TBMs that will cross the border - the most tangible symbol of our project: a railroad that will connect Italy and France through the Alps and link our countries and Europe in a more efficient, economical and sustainable way." Company founder and CEO Dr.-Ing. E.h. Martin Herrenknecht was also delighted. "The delivery of the Gripper TBM for the Mont-Cenis Base Tunnel is another historic milestone for Herrenknecht. We are very proud to be part of such a flagship project". The second tunnel boring machine of this type for the parallel tube will be accepted in Schwanau in February.

Herrenknecht AG
Schlehenweg 2
77963 Schwanau

Corporate Communications
Tel. +49 7824 302-6065
pr@herrenknecht.de

www.herrenknecht.com

PROJECT DATA MONT-CENIS BASE TUNNEL, SECTION C05

- › Client: TELT SAS
- › Contractors: Eiffage Génie Civil/Spie batignolles génie civil/Ghella Spa/Cogeis Spa JV
- › Application: Railway
- › Drive length: 2 x 18,000m

MACHINE DATA

- › Machine type: 2 x Gripper TBM S-1363 / S-1364
 - › Diameter: 10,430mm
 - › Cutterhead drive power: 4,900kW
 - › Torque: 13,000kNm
-

Photos

**Photo 1**

Together with representatives of the client and customer, Dr.-Ing. E.h. Martin Herrenknecht presses the start button that triggers the rotation of the cutterhead.

**Photo 2**

Herrenknecht supplied a total of 19 tunnel boring machines to the contractors engaged by the client.

Herrenknecht AG
Schlehenweg 2
77963 Schwanau

Corporate Communications
Tel. +49 7824 302-6065
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 pipeline installation as well as additional equipment and service packages. Herrenknecht also manufactures drilling equipment for vertical and inclined shafts as well as deep drilling rigs.

In 2022 the Herrenknecht Group achieved total output of 1,232 million euros. The independent family business employs about 5,000 people worldwide, including approximately 200 apprentices and trainees. With around 70 domestic and overseas subsidiaries and associated companies working in related fields, Herrenknecht provides comprehensive, fast and targeted services close to each project and contractor.

› <http://www.herrenknecht.com/en/references>

Your contact:

Anja Heckendorf
Head of Corporate Communications
Phone +49 (0) 7824 302-6065
Fax +49 (0) 7824 302-4730
pr@herrenknecht.de

Herrenknecht AG
Schlehenweg 2
77963 Schwanau

Corporate Communications
Tel. +49 7824 302-6065
pr@herrenknecht.de

www.herrenknecht.com