



HERRENKNECHT Press Information.

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"HERRENKNECHT APPROVED" – USED MACHINES WITH QUALITY SEAL.

The new "Herrenknecht Approved" certificate offers construction companies additional security when buying used tunnelling equipment. The seal is given to used machines after they have been thoroughly checked in line with proven Herrenknecht quality standards and the original functional state has been restored.

Schwanau, Germany, May 3, 2013. At bauma 2013 in Munich, Herrenknecht presented its new "Herrenknecht Approved" quality seal for the first time. This certificate offers construction companies additional security when buying used tunnel boring machines of the AVN type, HDD rigs as well as the corresponding containers and power packs. The seal is given to used machines after they have been thoroughly checked in line with proven Herrenknecht quality standards and the original functional state has been restored.

"A 9-month warranty guarantees the full functionality of every Herrenknecht used machine with the Approved quality seal, so that our customers can realize their upcoming projects reliably and safely", said Ulrich Schaffhauser, Chairman of the Executive Board Business Unit Utility Tunnelling.

The used machines are delivered with complete technical documentation. They are subject to the strictest quality tests with the following test parameters at one of the Herrenknecht plants: Wear protection (including cutting tools and cone structure), hydraulics system (including steering cylinders, hydraulic pumps and lines), water system (including wall thickness control, pressure measurement with tightness control), drive system (including gears, hydraulic motor and sealing system) and check of the electric equipment.

Customers can also make use of the worldwide Herrenknecht network. In addition to the company headquarters in Schwanau, Germany, the subsidiary in Bangkok - Herrenknecht (ASIA) Ltd. - as well as the newly founded Herrenknecht Tunnelling Systems LLC in Abu Dhabi are specialized in carrying out the comprehensive quality controls for the "Herrenknecht Approved" quality seal.

Herrenknecht, with its comprehensive services, has been a reliable partner for its customers for 35 years. Herrenknecht offers jobsite services and qualified personnel for every project at every phase. If necessary, the tunnel boring machines are made fit for their next job: more than 400 have already been refurbished by Herrenknecht and used successfully again in new projects. Worldwide, around 850 Herrenknecht Utility Tunnelling Machines (diameter < 4.20 meters) from Herrenknecht are currently in operation constructing and installing water and sewage systems, gas and oil pipelines, as well as conduits for electricity and telecommunication lines in the trenchless method safely and precisely.