

## TERRA-JET 8522 S drills in Turkmenistan under the new highway



The new highway around Ashgabat in Turkmenistan had been built under a lot of time pressure. Therefore it was decided to lay the service pipes underneath the highway later on. This pipe laying project was realised by the contractor Vozrozhdenie.

Vozrozhdenie is the largest contractor in Turkmenistan. They employ approximately 2'000 workers and employees. The holding company sits in St. Petersburg, Russia.

Vozrozhdenie decided to realise this pipe laying project trenchless with their Horizontal Directional Drilling (HDD) machine TERRA-JET 8522 S. They had to lay different plastic and steel pipes with different diameters. The drilling lengths were between 25-95 m (80-310 ft).



The TERRA-JET 8522 S during the pilot bore.



The TERRA-JET 8522 S is refilled with Diesel.





The TERRA-JET 8522 S during the drilling operation. The comfortable driver's cabin is equipped with a powerful air conditioning (cooling capacity over 6 kW).



The pilot bore is located.



The drill head reaches the other side of the highway.



The steel pipe OD 324 mm (12.75") is connected with the backreamer  $\varnothing$  420 mm (16.5"). Then the pipe pulling begins.



The steel pipe OD 324 (12.75") reaches the other side of the highway. It has been pulled in over total length of 65 m (215 ft).

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