

TJ 2808 S drills horizontal and vertical TERRA-JET TJ 2808 S





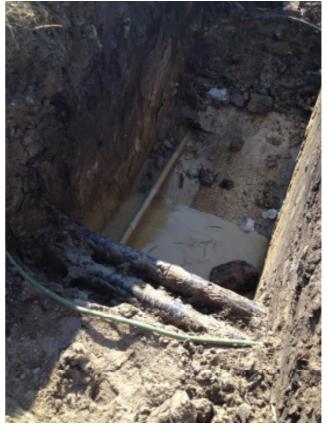
Horizontal HDPE pipes for 17 kV cables laying project in Romania

The Romanian company Repcons is a contractor, which is specialized in pipe laying of electrical ground cables and in the assembly of street lightings.

Job site procedure

One of Repcon's projects required horizontal HDPE pipes for 17 kV cables and vertical bores for lighting posts. Repcon's Director Stefan Manitiu had choosen his TERRA-JET TJ 2808 S with vertical option for this project.



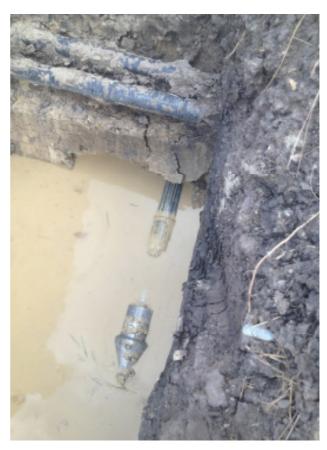


Pictures 1+2: First a road crossing with several existing pipes and cables had to be done. Due to the small bending radius of the TERRA drill rods, this jobsite could be realized successfully.

Fluid assistant HDD machine TJ 2808 S

Successful pilot bore





Pictures 3+4: After the successful pilot bore a reamer OD 160 mm (6") was assembled, to pull in a HDPE pipe OD 110 mm (4.3"). After only 30 minutes the pipe had been pulled in over a length of 35 m (115 ft).



Picture 5: Then the TERRA-JET TJ 2808 S was modified for vertical drilling. This modification can be done on the jobsite within 30 minutes.



Picture 6: The TERRA-JET TJ 2808 S during vertical drilling.



Picture 7: After 1 $\frac{1}{2}$ hours 25 m (80 ft) at been drilled vertically. For the stabilisation of the bore hole \emptyset 100 mm (4"), 100 ltr/min (26 gpm) of Bentonite were pumped into the vertical bore hole.

TERRA AG für Tiefbautechnik Hauptstrasse 92 6260 Reiden Switzerland

Phone + 41 62 749 10 10 Fax + 41 62 749 10 11 office@terra-eu.eu Your dealer:

www.terra-eu.eu www.boreshop.com