

TERRA-HYDROCRACK HC 600 C+ replaces 280 m (925 ft) cast iron pipe OD 250 mm (10") in only 3 days

City:	Thun, Switzerland
Contractor:	Zehnder RT GmbH, Birmenstorf, Switzerland
Length:	280 m (925 ft) in 5 sections
New pipe:	HDPE pipe OD 250 mm (10")
Old pipe:	cast iron pipe GG Ø 250 mm (10"), partly even ductile cast iron
Machine:	TERRA-HYDROCRACK HC 600 C+ (Comfort Version)
Underground:	mixed clay, sand and gravel



The TERRA-HYDROCRACK HC 600 C+ is positioned in the working pit.
The rods are in the magazine underneath the operator seat.



The new HDPE pipe OD 250 mm (10") is pulled in with the expander cone Ø 325 mm (12.8").



The 3-wing cutter and the new HDPE pipe OD 250 mm (10") reach the intermedium pit.



- 1 This is the old cast iron joint OD 350 mm (13.8"), which must be burst.
- 2 The 3-wing cutter bursts the joint without problems.
- 3 The expander cone Ø 325 mm (12.8") displaces the cast iron fragments sideways so that no damage is done to the new HDPE pipe OD 250 mm.
- 4 After 70 m (230 ft) the expander cone Ø 325 mm (12.8") and the new HDPE pipe OD 250 mm (10") arrive in the working pit. The main cylinder is moved backwards easily inside of the TERRA-HYDROCRACK HC 600 C+ to pull in the bursting tools and the new HDPE pipe into the working pit (patented).

TERRA AG, Hauptstrasse 92, 6260 Reiden, Switzerland, phone: +41-62-749 10 10, fax: +41-62-749 10 11,
email: terra.ch@bluewin.ch, Internet: www.terra-eu.eu