

X 400 bursts successfully ductile cast iron OD 125 mm (5") in Brazil



SABESP from Sao Paulo, Brazil is the largest water supplier in the state Sao Paulo, which consists from 364 communities and a population of 27.1 million people. In the urban district Barra Funda a new fresh water line had to be replaced trenchless. The old pipe with OD 125 mm (5") from ductile cast iron had to be replaced by a new HDPE pipe OD 125 mm (5") over a length of 35 m (115 ft). This was realized with the cable burster TERRA-EXTRACTOR X 400. The cable burster X 400 has solved this technical problem successfully and is, according to SABESP, the first machine which could burst a ductile cast iron pipe OD 125 mm (5") with joints in Brazil.



This ductile cast iron pipe with OD 125 mm (5") and a wall thickness of 8 mm (0.3") should be burst by the X 400.



The roller cutter DN 100 mm (4") is assembled with the expander cone and the new HDPE pipe.

**Cable burster
TERRA-EXTRACTOR X 400**

The roller cutter has three rolls, which cut the pipe in the following steps. The first roll cuts the pipe, the second roll cuts the joints, the third roll cuts repair collars.

The cut old pipe is opened by the expander cone \varnothing 135 mm (5.3"). The bore channel is expanded.



The roller cutter reaches the target pit. The bursting tools are pulled into the front box of the TERRA-EXTRACTOR X 400 and may be disassembled easily.

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