

# GRUNDOCRACK



## Dynamic pipe bursting technique

The old pipe is destroyed with the help of a bursting device (soil displacement hammer/rammer) and radially displaced into the ground. Brittle materials are shattered, tough materials are cut open. At the same time, a new product or host pipe of the same or larger diameter is pulled in. The ramming force for the bursting and pulling in process is supported by the pulling force of a winch.

The pipe bursting technique is applicable for replacing pipes having all kinds of damages like leaking joints, cracks, misalignment, root infestation etc.

The gradient of the old pipe must be utilisable for the new line.



Grundocrack is driven by compressed air. A winch pulls and supports the bursting process

## Specifics

- Renewal of old pressure and sewage pipes up to ND 1000 in the existing bore path
- available for old pipes made of brittle materials (stoneware, concrete, cast iron, asbestos cement)
- side branch connections / bends require intermediate pits
- the ground cover depends on the diameter of the new pipe



### Before renewal:

the removal of sediments or roots, milling off obstacles or high-pressure cleaning are not required.



### After renewal:

Not comparable to repair or sanitation performance and service life. New pipes made of PE, PP or PVC-U, from the coil or with smooth sockets, are flexible and adapt well to the old bore path.



Renewal < ND 200 is possible from shaft to shaft 1 m Ø. The expander is taken out of the target pit while the pipe bursting machine is pulled backward through the new pipe and removed out of the start pit.

Front expander ...

or

... rear expander