


www.microtunnel.com

Didactic web page for pipe jacking, TBM, ...

VSM

MMC

Pipe Jacking

TBM

Auger Drills

Guidance S.

On Site

HERRENKNECHT

Pipe Jacking

P. J. Machinery

Micro. Machines

Micro AVN

Micro EPB

Roadheaders

Excavators


[Spanish](#)

[Statistics](#)

[E-mail](#)

[How to print](#)

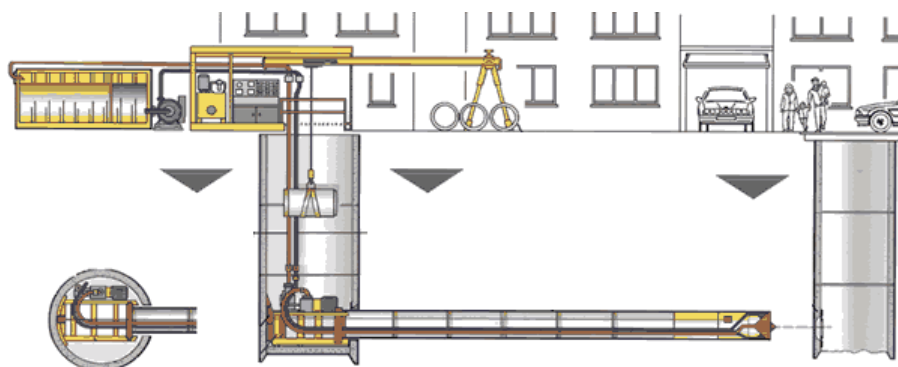
[Versión PDF](#)

[Web Map](#)

Pipe Jacking

The pipe jacking technology belongs to a joined system of trenchless tunnel construction with outside diameters up to 4 m. Higher diameters are more difficult to handle. It is installed for connections, outfalls, oil and gas pipelines, etc.

Trenchless pipe installation with micromachines keeps agricultural acreages and natural landscapes intact and enables the construction of underground pipework even where space on the surface is scarce.



Advantages of pipejacking with microtunnelling:

- Reduce earth movements.
- Respects people and nature.
- No groundwater lowering required.
- Mobility above ground is not affected.
- Construction work does not depend on the weather.
- High degree of reliability and cost effectiveness.
- Optimum tunnelling performance in complex geological conditions.

All customary pipework materials such as steel reinforced concrete, polymeric concrete, clayware, steel, GRP and composite materials can be used for pipe jacking.

Machinery for pipe jacking

In pipe jacking with open shields it can be used [excavators](#) or [roadheaders](#).

In pipe jacking with [microtunnelling machines](#) it can be used [microtunnelling machines AVN](#) or [microtunnelling machine EPB](#).