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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



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How to print



Versión PDF



Web Map

Roadheaders open shield

Using this technique tunnels can be economically advanced in rock masses with an unconfined compressive strength of up to 80 Mpa. The excavation is made with a longitudinal cutting head equipped with round shaft chisels. The excavated material is removed via the spiral conveyor.

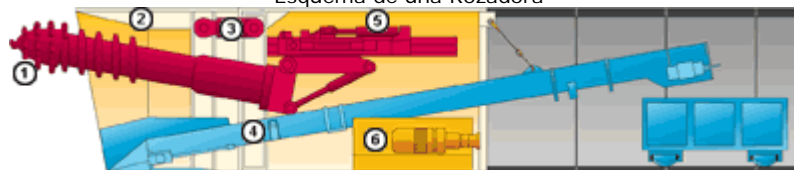
The special flexibility of the Herrenknecht shields with partial face excavation becomes apparent in the opportunity to change the method of excavation rapidly.

Fotografía de una Rozadora



Both the excavator and the roadheader can be installed on the same basic machine. The changeover requires little effort and can be implemented very quickly.

Esquema de una Rozadora



- | | |
|-----------------------|--------------------------|
| 1. Roadheader. | 4. Conveyor belt. |
| 2. Shield. | 5. Machine pipe. |
| 3. Steering cylinder. | 6. Hydraulic power pack. |

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