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## Microtunneling Gyro Guidance System.

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We supply different types of **guidance systems**.

The **GNS-P (Gyro Navigation System for Pipe Jacking)** is designed for curved drives of any radius. The system can be used in tunnels with a diameter of at least 800mm. No components are installed in the pipe and line-of-sight is not necessary between the components.

The north-seeking gyro compass, Northstar 24, is permanently mounted inside the TBM. Upon request, it calculates the direction due north as a reference to the machine axis.

The current position of the TBM is calculated via coupled navigation.  
The HWL system supplies elevation data permanently.

## For Sale & For Rent

