

DrillGuide

The Most Precise Gyro Based Drillhead Guidance System A Leading System for Borehole Drilling and Surveying

DrillGuide is the gyro based online guidance tool to perform fully gyro guided drill holes over up to 2 km and following any programmed shape with an accuracy of better than 1 m per 1'000 m distance, used for horizontal (HDD) and vertical jobs.

WWW.DRILLGUIDE.COM

Drillguide **GST**

GYRO STEERING TOOL

- Disturbances of magnetic steering tool not present
- Unlimited drilling depth
- No cables at the surface
- Unrestricted drilling in urbanised areas
- Highest possible accuracy

Entry point
Heerjansdam



Brownline

62 RAILROADS 700 METERS

NO INTERFERENCE

Marshalling Yard Kijfhoek
The Netherlands

62 Railroads crossed

Exit point
Zwijndrecht



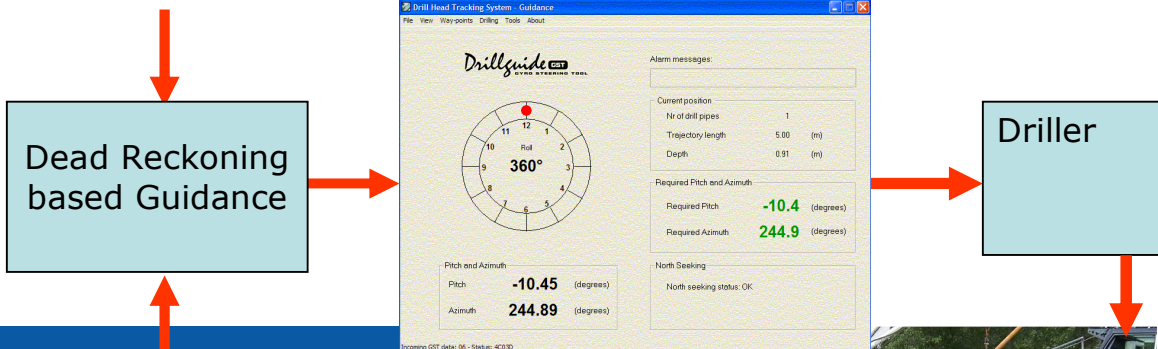
- Sensor System Accuracy: 0.04 deg true north, 0.01 deg pitch accuracy
- No disturbance by magnetic fields (railways, power lines etc.)
- Online Position monitoring, no costly after-job surveying required
- No calibration at construction area required, operable by customer's staff

Example of Operation:

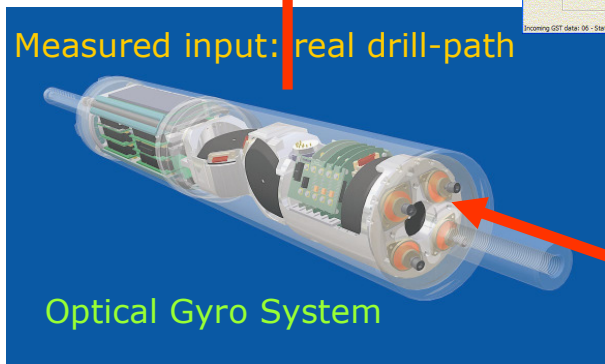
Details: www.drillguide.com
www.imar-navigation.de



Guidance input: desired drill-path



Measured input: real drill-path



System manufacturing and development:

iMAR GmbH, Im Reihersbruch 3, D-66386 St. Ingbert / Germany

World-wide rental service and technical assistance for the DrillGuide System:

Browline B.V., Meerkerk / The Netherlands (www.drillguide.com)