

[www.geo-drilling.com](http://www.geo-drilling.com)

**gds**

made in USA

**The Water-Powered  
Down-The-Hole Hammer**

**WAI 50**

- Excellent drilling speed
- Long lifetime
- Extraordinary drilling stability, small drilling deviations
- Environmentally friendly, operation only with water (no oil etc.)
- Significant reduction of energy consumption
- No dust formation, therefore preferred use in tunnel construction or in urban areas
- Different drill bit design available, adapted to the geological conditions
- Fast availability of hammers and spare parts
- Low spare part costs
- Technical support



**tds** ®

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## Technical data

- Standard drilling bit Ø 130 mm - 152 mm
- Working pressure: 60 - 180 bar (950 - 2650 psi)
- Required amount of water (hammer new): 180 - 300 l/min
- Required amount of water (hammer used): 280 - 450 l/min
- Impact frequency: up to 3300 impacts/min
- Feed force (formation-related): 11000 - 25000 N
- Rotation speed: 45 - 75 rpm
- Torque (formation-related): 1500 - 3000 Nm

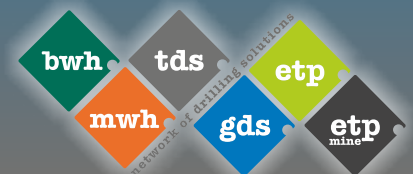
## Dimensions

- Length: 1615 mm
- Diameter: 127 mm (5")
- Weight: 111 kg

## Contact

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 **DrillKing**