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## The Water-Propelled Down-The-Hole Hammer

made in the USA

# WAI 80i

- 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



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### Technical data

- Standard drilling bit Ø 216 - 267 mm, 8.5 - 10.5"
- Working pressure: 50 - 150 bar (750 - 2150 psi)
- Required amount of water (hammer new): 280 - 430 l/min
- Required amount of water (hammer used): 450 - 760 l/min
- Impact frequency: up to 1780 impacts/min
- Feed force (formation-related): 15000 - 30000 N
- Rotation speed: 25 - 50 rpm
- Torque (formation-related): 3000 - 6000 Nm

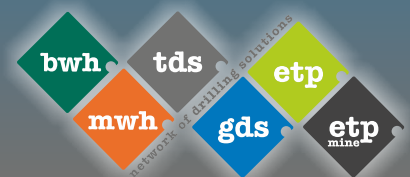
### Dimensions

- Length: 2090 mm
- Diameter: 210 mm (6")
- Weight: 354 kg
- Bit shank: DHD380 modified for water-propelled hammer

### Contact

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