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The Water-Powered  
Down-The-Hole Hammer

made in USA

**WAI 35**



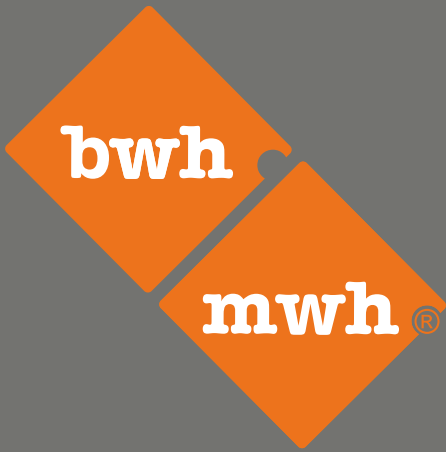
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Technik für den Spezialtiefbau.



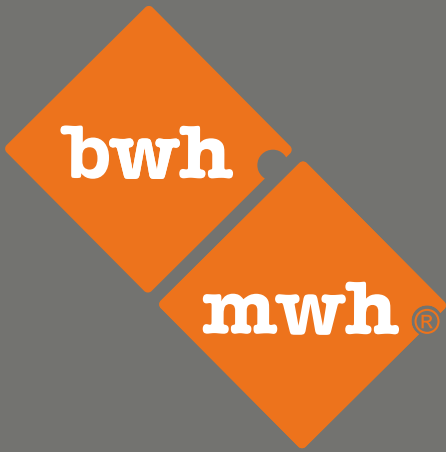
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- Excellent drilling speed
- Long lifetime
- Extraordinary drilling stability, small drilling deviations
- Environmentally friendly, operation only with water (no oil etc.)
- Significant reduction of energy consumption
- No dust formation, therefore 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  $\varnothing$  90 mm - 105 mm
- Working pressure: 60 - 170 bar (900 - 2450 psi)
- Required amount of water (hammer new): 75 - 150 l/min
- Required amount of water (hammer used): 170 - 300 l/min
- Impact frequency: up to 3600 impacts/min
- Feed force (formation-related): 7000 - 10500 N
- Rotation speed: 60 - 95 rpm
- Torque (formation-related): 800 - 1500 Nm

## Dimensions

- Length: 978 mm
- Diameter: 89 mm (3,5")
- Weight: 35 kg

