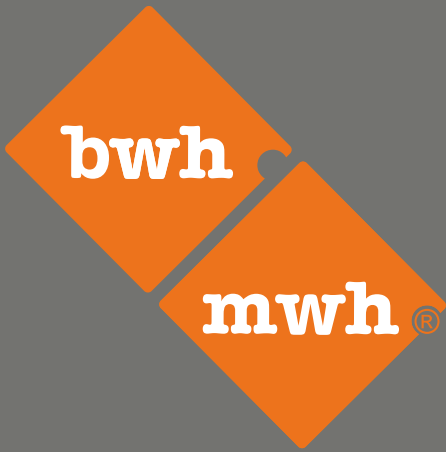


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The Water-Powered  
Down-The-Hole Hammer

made in USA

**WAI 80**



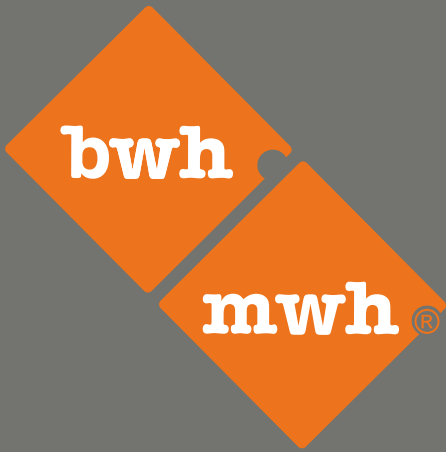
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**BWH Bohrwerkzeuge Hoffmann**

Technik für den Spezialtiefbau.

**BWH Bohrwerkzeuge Hoffmann GmbH & Co. KG**



The Water-Powered  
Down-The-Hole Hammer

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**WAI 80**

- 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





The Water-Powered  
**Down-The-Hole Hammer** <sup>made in USA</sup> **WAI 80**

## Technical data

- Standard drilling bit  $\varnothing$  216 mm - 273 mm
- Casing / drilled steel pile advancing:  
 $\varnothing$  273 mm / 324 mm / 406 mm
- Working pressure: 50 - 150 bar (750 - 2200 psi)
- Required amount of water (hammer new): 380l/min
- Required amount of water (hammer used): 750l/min
- Impact frequency: up to 1780 impacts/min
- Feed force (formation-related): 30000 N
- Rotation speed: 25 - 50 rpm
- Torque (formation-related): 3050 - 5000 Nm

## Dimensions

- Length: 2081 mm
- Diameter: ribbed  $\varnothing$  210 mm (8") and smooth  $\varnothing$  251 mm  
(Mega hammer design for improved flushing)
- Weight: 354 kg ( $\varnothing$  210 mm) up 750 kg (Mega hammer)

