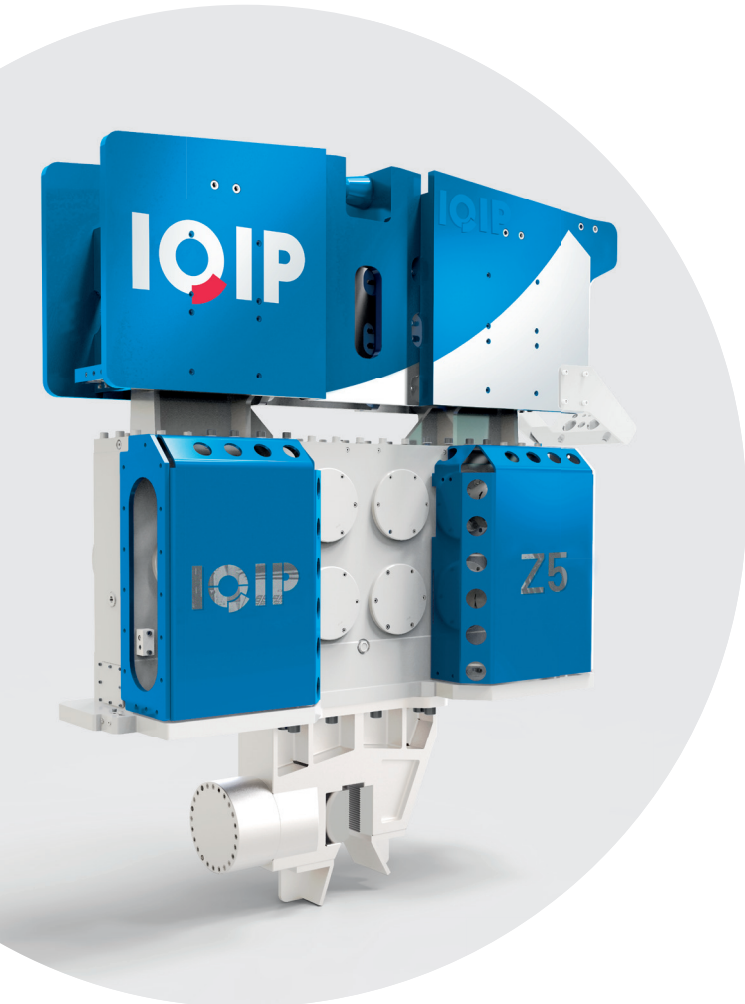


Z-series vibratory hammers

Variable moment



Z-series: precision and adaptability

Z-series variable moment vibratory hammers with advanced control are tailored to sensitive or urban environments. Adjustable amplitude minimizes vibrations during startup and shutdown, avoiding resonance and reducing ground disturbance. Perfect for use near populated areas or fragile structures, the Z-series allows operators to fine-tune vibration intensity for varying soil conditions, combining performance with safety and environmental care.

Key benefits

- Adjustable eccentric moment allows for starting and stopping with minimal vibrations.
- Variable settings enable precision control of driving speeds and amplitudes, ensuring optimal pile penetration for varying soil conditions.
- In both marine and urban environments, variable eccentric moment vibrohammers reduce the impact on vibration-sensitive surroundings (cranes, barges, heritage structures, utilities).
- Enables operation with telescopic cranes, providing significant installation flexibility.
- Variable eccentric moment up to 80 kgm.

		Z1	Z3	Z5	Z7
Eccentric moment	kgm	0-16	0-20	0-40	0-80
Frequency	rpm	2300	2200	2200	
Centrifugal force	kN	0-928	0-1062	0-2123	
Amplitude with clamp	mm	10	10	10	<i>In development</i>
Amplitude without clamp	mm	16	13	15	
Max. static line pull	kN	300	360	800	
Recommended hydrohammer		S-30	S-90	S-280	S-350
Recommended powerpack		P-460	P-525	P-800	<i>In development</i>

The recommended Vibro-Hydrohammer combinations serve as a guideline and can be adjusted on project-specific requirements.