

ICE® Model 25ZR Zero-Resonance™ Hydraulic Vibratory Driver/ Extractor with Model 350GZ Power Unit

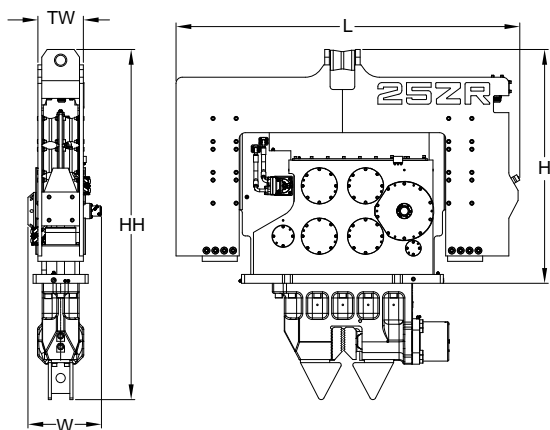


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Variable moment – zero to 2200 in-lbs (25 kg-m)
High centrifugal force for maximum pile penetration rates
Up to 100 tons (890 kN) line pull for extraction



ICE Model 25ZR Zero-Resonance™ Pile Hammer		
Eccentric moment	2200 in-lbs	25 kg-m
Maximum Frequency Range	1850 vpm	2050 vpm
Driving Force	111 tons	1000 kN
Centrifugal force	105 tons	950 kN
Amplitude (free w/o clamp)	0.75 in	19 mm
Standard line pull for extracting	100 tons	890 kN
Weight (no clamp or hoses)	9650 lbs	4380 kg
Non-vibrating Weight	3840 lbs	1745 kg
Height without clamp (H)	76 in	1930 mm
Length (L)	112 in	2835 mm
Width (W)	26 in	660 mm
Throat width (TW)	14.75 in	375 mm
Hydraulic hose length	150 ft	45 m
Hydraulic hose weight	1995 lbs	905 kg
Height with sheeting clamp (HH)	101 in	2565 mm
Weight with sheeting clamp & 1/2 hoses	12850 lbs	5830 kg
Height with beam & caisson clamps	107 in	2705 mm
Weight with beam, caisson clamps & 1/2 hoses	15150 lbs	6870 kg



ICE Model 350GZ Power Unit		
Engine	Caterpillar C9	
EPA/EU Emissions rating	Tier 3	Stage IIIA
Power	350 HP	261 kW
Operating speed	2000 rpm	2000 rpm
Maximum motors pressure	5500 psi	380 bar
Motors flow (no load)	100 gpm	390 lpm
Clamp pressure	4500 psi	310 bar
Clamp flow	6 gpm	20 lpm
Weight (w/ full fluid & 1/2 fuel)	11350 lbs	5150 kg
Length	130 in	3300 mm
Width	63 in	1600 mm
Height	87 in	2200 mm
Hydraulic oil capacity	275 gal	1040 liters
Fuel Capacity	118 gal	445 liters



Designed and manufactured in USA by ICE®
World leader in cost-effective foundation equipment since 1974.

Constant improvement and engineering progress make it necessary that ICE®, Inc reserve the right to make specification changes without notice.
Please consult ICE® for the latest available information.

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Variable moment allows zero eccentric moment at start-up and shut-down to eliminate disturbance to soil, structures and crane.

350 HP (261 kW) CAT C9 meets Tier 3 (Stage IIIA) EPA & EU emission regulations.

Optional 1700 kg of bias weight increases pile penetration rates in difficult soils.

Full range of clamps available for sheet piling, H-Beams, pipe & caissons and timber & concrete piles.

Maximum efficiency and reliability ensured by our open-loop hydraulic system. Highest quality, reliable piston pumps and motors.



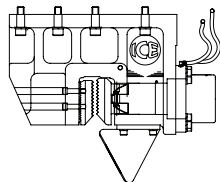
Remote-control pendant for vibrator and clamp with emergency stop. Engine speed control for fuel efficiency.

Adaptable for underwater, low headroom or box leads operation.

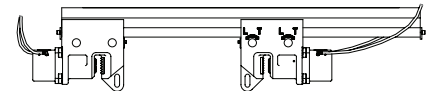
Environmentally-friendly, non-toxic, biodegradable hydraulic oil.

Clamps & Accessories

ICE Model 140C Sheeting Clamp		
Clampng Force	140 tons	1245 kN
Weight	2200 lbs	1000 kg



ICE 6.5' HD Beam & 2 Model 105 Clamps		
Clampng Force	220 tons	1950 kN
Weight	4490 lbs	2040 kg



Model 25ZR Accessories

- 10' Clamp Extension
- 90° Turning Plate
- Vibratory Stand
- Wireless Remote



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