



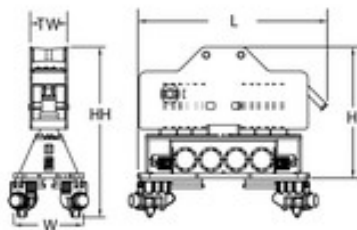
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## ICE® Model 130 Hydraulic Vibratory Driver/Extractor with Model 1200E Power Unit



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High driving force (415 tons, 3700 kN for maximum production)  
 Design combines large eccentric moment (13,200 in-lbs, 152 kg-m) and suspended weight with quad caisson clamps less than 55,000 lbs  
 Twin 595 HP (444 kW) CAT C18's meet current EPA/EU flexibility emission regulations  
 Up to 200 ton (1800 kN) line pull for extraction



### ICE Model 130 Vibratory Pile Hammer

Eccentric moment	13,200 in-lbs	152 kg-m
Maximum frequency	1450 vpm	
Driving Force	415 tons	3710 kN
Centrifugal force	395 tons	3515 kN
Amplitude (free w/o clamp)	0.81 in	21 mm
Standard line pull for extracting	200 tons	1800 kN
Maximum line pull for extracting	200 tons	1800 kN
Weight (no clamp or hoses)	44,030 lbs	20000 kg
Non-vibrating Weight	11,000 lbs	5000 kg
Height without clamp (H)	114 in	2880 mm
Length (L)	164 in	4160 mm
Width (W)	61 in	1535 mm
Throat width (TW)	32 in	813 mm
Hydraulic hose length	150 ft	45 m
Hydraulic hose weight	2400 lbs	1090 kg
Height with beam & caisson clamps	148 in	3740 mm
Weight with beam, caisson clamps & 1/2 hoses	55,295 lbs	25100 kg

### ICE Model 1200E Power Unit

Engine	Caterpillar 2x C15	
Emissions rating	EPA Flex	EU Flex
Power	1190 HP	887 kW
Operating speed	1875 rpm	1875 rpm
Maximum motors pressure	5500 psi	380 bar
Motors flow (no load)	265 gpm	1000 lpm
Clamp pressure	4500 psi	310 bar
Clamp flow	6 gpm	20 lpm
Weight (w/ full fluid & 1/2 fuel)	32,500 lbs	14740 kg
Length	224 in	5700 mm
Width	84 in	2135 mm
Height	114 in	2900 mm
Hydraulic oil capacity	550 gal	2080 liters
Fuel Capacity	430 gal	1625 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.

# ICE® Model 130 Hydraulic Vibratory Driver/Extractor with Model 1200E Power Unit



Patented Dual-pull™ suppressor provides maximum vibration isolation during driving and light extraction combined with high pull capability for tough extraction jobs.

Integral quad caisson clamps for optimizing force transmission.

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

Maximum efficiency and reliability ensured by our open-loop hydraulic system.

Highest quality, reliable piston pumps and motors.

Environmentally friendly, non-toxic, biodegradable hydraulic oil.

Adaptable for underwater operation.

Heavy steel enclosure and fuel-tank subbase protect power unit.

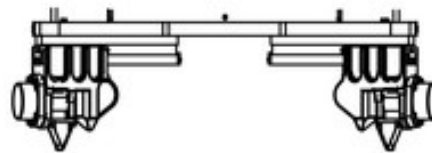


## Clamps & Accessories

Four ICE Model 145H Caisson Clamps on 4" H-Bars			Pile Diameter Specification		
Clamping Force	284 tons	2520 kN	Minimum ID	60 in	1525 mm
Weight	10065 lbs	4565 kg	Maximum OD	143 in	3640 mm

Four ICE Model 105H Caisson Clamps on 4" H-Bars			Pile Diameter Specification		
Clamping Force	440 tons	3920 kN	Minimum ID	40 in	1020 mm
Weight	6945 lbs	3150 kg	Maximum OD	143 in	3640 mm



### Model 130 Accessories Wireless Remote

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"Due to improvements to ICE manufactured products and the EPA mandated Tier III emission regulations, unit specifications are subject to change without notice. Please contact ICE engineering department to confirm possible changes."