

ICE® Model 110C Hydraulic Vibratory Driver/ Extractor with Model 1200E Power Unit



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Highest driving force (409 tons, 3640 kN) in its class

Design combines high eccentric moment (11,000 in-lbs, 126 kg-m) and suspended weight with caisson clamp under 30,000 lbs

Twin 595HP (444 kW) CAT C15's meet EPA Tier 3/EU Stage IIIA engine emission regulations

Up to 140 ton (1250 kN) line pull for extraction

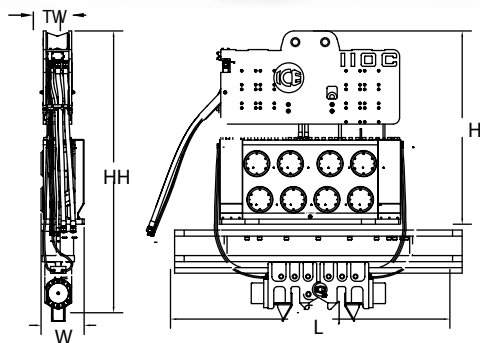


ICE Model 110C Vibratory Pile Hammer

Eccentric moment	11000 in-lbs	126 kg-m
Maximum frequency	1600 vpm	
Driving Force	412 tons	3670 kN
Centrifugal force	400 tons	3560 kN
Amplitude (free w/o clamp)	1.6 in	40 mm
Standard line pull for extracting	110 tons	1020 kN
Maximum line pull for extracting	140 tons	1250 kN
Weight (no clamp or hoses)	18500 lbs	8390 kg
Non-vibrating Weight	4800 lbs	2175 kg
Height without clamp (H)	104 in	2630 mm
Length (L)	98 in	2470 mm
Width (W)	23 in	585 mm
Throat width (TW)	15.25 in	387 mm
Hydraulic hose length	150 ft	46 m
Hydraulic hose weight	2400 lbs	1090 kg
Height with sheeting clamp (HH)	150 in	3800 kg
Weight with sheeting clamp & 1/2 hoses	25100 lbs	11385 kg
Height with beam & caisson clamps	156 in	3955 mm
Weight with beam, caisson clamps & 1/2 hoses	29945 lbs	13580 kg

ICE Model 1200E Power Unit

Engine	Caterpillar C15			
EPA/EU Emissions rating	EPA	Flex	EU	Flex
Power	1190 HP	887 kW		
Operating speed	1800 rpm	1800 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)	32500 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		



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