

ICE® Model 84C Hydraulic Vibratory Driver/ Extractor with Model 1200E Power Unit



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Design combines large eccentric moment (8,200 in-lbs, 94 kg-m) and high frequency (1650 vpm) for maximum driving performance

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

Up to 125 tons (1125 kN) line pull for extraction

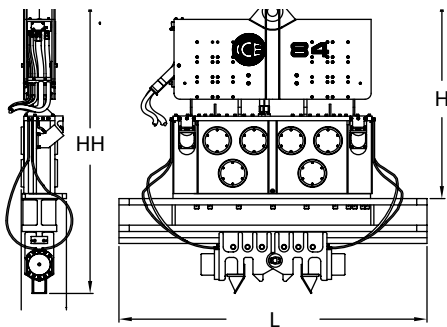


ICE Model 84C Vibratory Pile Hammer

Eccentric moment	8200 in-lbs	95 kg-m
Maximum frequency	1650 vpm	
Driving Force	326 tons	2900 kN
Centrifugal force	317 tons	2820 kN
Amplitude (free w/o clamp)	1.4 in	37 mm
Standard line pull for extracting	95 tons	850 kN
Maximum line pull for extracting	125 tons	1125 kN
Weight (no clamp or hoses)	15960 lbs	7240 kg
Non-vibrating Weight	4560 lbs	2070 kg
Height without clamp (H)	101 in	2550 mm
Length (L)	98 in	2485 mm
Width (W)	21 in	530 mm
Throat width (TW)	14.25 in	362 mm
Hydraulic hose length	150 ft	46 m
Hydraulic hose weight	2400 lbs	1090 kg
Height with sheeting clamp (HH)	147 in	3720 mm
Weight with sheeting clamp & 1/2 hoses	22910 lbs	10390 kg
Height with beam & caisson clamps	153 in	3880 mm
Weight with beam, caisson clamps & 1/2 hoses	27300 lbs	12285 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	6000 psi	380 bar
Motors flow (no load)	240 gpm	920 lpm
Clamp pressure	4500 psi	310 bar
Clamp flow	6 gpm	22 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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