

ICE® Model 77C Hydraulic Vibratory Driver/ Extractor with Model 800G Power Unit



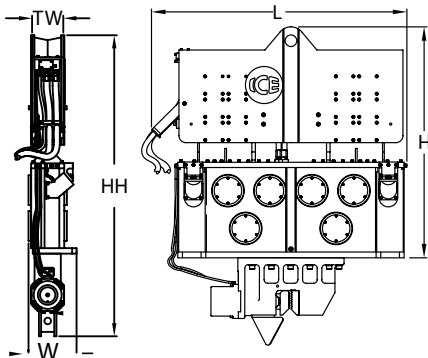
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Design combines large eccentric moment (7,700 in-lbs, 88 kg-m) and high frequency for maximum driving performance. 800HP (597kW) CAT C18 Tier 2 (Stage II) engine meets all EPA & EU emission regulations.

Up to 95 tons (845 kN) line pull for extraction.



ICE Model 77C Vibratory Pile Hammer		
Eccentric moment	6600 in-lbs	76 kg-m
Maximum frequency	1600 vpm	
Driving Force	310 tons	2885 kN
Centrifugal force	300 tons	2650 kN
Amplitude (free w/o clamp)	1.4 in	35 mm
Standard line pull for extracting	95 tons	850 kN
Maximum line pull for extracting	125 tons	1125 kN
Weight (no clamp or hoses)	15860 lbs	7195 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 800G Power Unit			
Engine	Caterpillar C18		
EPA/EU Emissions rating	EPA Flex	EU Flex	
Power	800 HP	597 kW	
Operating speed	1800 rpm	1800 rpm	
Maximum motors pressure	5200 psi	345 bar	
Motors flow (no load)	250 gpm	900 lpm	
Clamp pressure	4500 psi	310 bar	
Clamp flow	6 gpm	20 lpm	
Weight (w/ full fluid & 1/2 fuel)	26500 lbs	12020 kg	
Length	218 in	5540 mm	
Width	80 in	2035 mm	
Height	104 in	2630 mm	
Hydraulic oil capacity	550 gal	2080 liters	
Fuel Capacity	200 gal	750 liters	



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