

ICE® Model 50B Hydraulic Vibratory Driver/ Extractor with Model 595G Power Unit

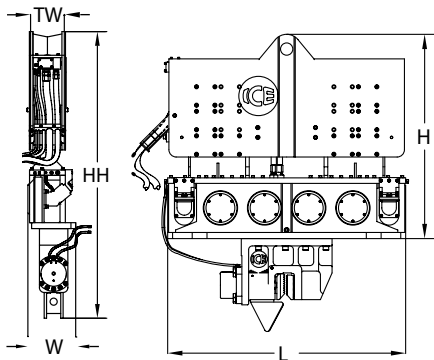


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Combines high frequency (1600 vpm) and large eccentric moment (5,000 in-lbs, 57 kg-m)
595 HP (444 kW) CAT C15 meets EPA Tier 3/EU Stage IIIA engine emission regulations
Up to 100 tons (1000 kN) line pull for extraction



ICE Model 50B Vibratory Pile Hammer			
Eccentric moment	5000 in-lbs	57	kg-m
Maximum frequency	1600 vpm		
Driving Force	187 tons	1670	kN
Centrifugal force	182 tons	1620	kN
Amplitude (free w/o clamp)	1.3 in	32	mm
Standard line pull for extracting	65 tons	600	kN
Maximum line pull for extracting	100 tons	900	kN
Weight (no clamp or hoses)	12555 lbs	5695	kg
Non-vibrating Weight	4560 lbs	2070	kg
Height without clamp (H)	84 in	2135	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	45	m
Hydraulic hose weight	1555 lbs	705	kg
Height with sheeting clamp (HH)	122 in	3095	mm
Weight with sheeting clamp & 1/2 hoses	15530 lbs	7045	kg
Height with beam & caisson clamps	115 in	2915	mm
Weight with beam, caisson clamps & 1/2 hoses	19450 lbs	8820	kg



ICE Model 595G Power Unit			
Engine	Caterpillar C15		
EPA/EU Emissions rating	EPA	Flex	EU Flex
Power	595 HP	444 kW	
Operating speed	1800 rpm	1800 rpm	
Maximum motors pressure	5500 psi	380 bar	
Motors flow (no load)	160 gpm	610 lpm	
Clamp pressure	4500 psi	310 bar	
Clamp flow	6 gpm	20 lpm	
Weight (w/ full fluid & 1/2 fuel)	16350 lbs	7420 kg	
Length	160 in	4040 mm	
Width	73 in	1855 mm	
Height	100 in	2540 mm	
Hydraulic oil capacity	430 gal	1630 liters	
Fuel Capacity	150 gal	570 liters	



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