

ICE® Model 44B Hydraulic Vibratory Driver/ Extractor with Model 595G Power Unit

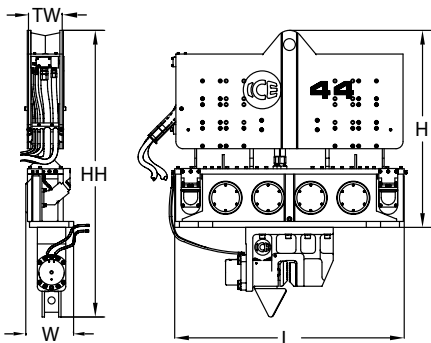


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Highest frequency (1800 vpm) and driving force (207 tons, 1844 kN) in its class.
595HP (444 kW) CAT C15 Tier 3 (Stage IIIA) engine meets all EPA & EU emission regulations.
Up to 100 tons (900 kN) line pull for extraction.



ICE Model 44B Vibratory Pile Hammer			
Eccentric moment	4400 in-lbs	51 kg-m	
Maximum frequency	1800 vpm		
Driving Force	207 tons	1845 kN	
Centrifugal force	202 tons	1790 kN	
Amplitude (free w/o clamp)	1.1 in	28 mm	
Standard line pull for extracting	65 tons	600 kN	
Maximum line pull for extracting	100 tons	900 kN	
Weight (no clamp or hoses)	12450 lbs	5650 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	15430 lbs	7000 kg	
Height with beam & caisson clamps	115 in	2915 mm	
Weight with beam, caisson clamps & 1/2 hoses	19345 lbs	8775 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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