

ICE® Model 130C Hydraulic Vibratory Driver/ Extractor with Model 1200E Power Unit



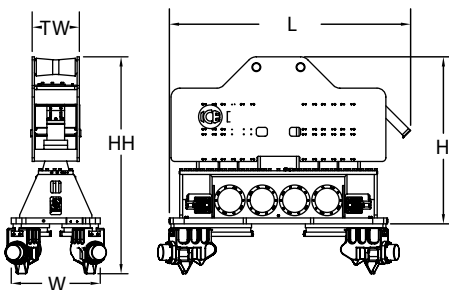
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High driving force (415 tons, 3700 kN for maximum production)

Design combines large eccentric moment (13,200 in-lbs, 157 kg-m) and suspended weight with quad caisson clamps less than 55,000 lbs (25000 kg)

Twin 595 HP (444 kW) CAT C18's meet EPA Tier 2/EU Stage II engine emission regulations

Up to 200 ton (1800 kN) line pull for extraction



ICE Model 130C Vibratory Pile Hammer

| | | |
|--|--------------|----------|
| Eccentric moment | 13200 in-lbs | 152 kg-m |
| Maximum frequency | 1450 vpm | |
| Driving Force | 415 tons | 3710 kN |
| Centrifugal force | 395 tons | 3515 kN |
| Amplitude (free w/o clamp) | 0.81 in | 21 mm |
| Standard line pull for extracting | 200 tons | 1800 kN |
| Maximum line pull for extracting | 200 tons | 1800 kN |
| Weight (no clamp or hoses) | 44030 lbs | 20000 kg |
| Non-vibrating Weight | 11000 lbs | 5000 kg |
| Height without clamp (H) | 114 in | 2880 mm |
| Length (L) | 164 in | 4160 mm |
| Width (W) | 61 in | 1535 mm |
| Throat width (TW) | 32 in | 813 mm |
| Hydraulic hose length | 150 ft | 45 m |
| Hydraulic hose weight | 2400 lbs | 1090 kg |
| Height with sheeting clamp (HH) | - | - |
| Weight with sheeting clamp & 1/2 hoses | - | - |
| Height with beam & caisson clamps | 148 in | 3740 mm |
| Weight with beam, caisson clamps & 1/2 hoses | 54900 lbs | 24900 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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