



International Construction Equipment
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ICE® Model 66C Hydraulic Vibratory Driver/ Extractor with Model 800E Power Unit



Highest frequency (1650 vpm) and driving force (262 tons, 2330 kN) in its class.
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.

Patented Dual-pull™ suppressor provides maximum vibration isolation during driving and light extraction combined with high pull capability for tough extraction jobs.

Computer controls on power unit reduce fuel consumption, pinpoint repair needs, while providing diagnostics and logs.

Optional bias weights up to 5500 lbs (2495 kg) to increase pile penetration rates in difficult soils.

Maximum efficiency and reliability are provided by our open-loop hydraulic system and application proven piston pumps and motors.

Remote-control pendant for vibrator and clamp with emergency stop. Engine speed control for fuel efficiency.

Full range of clamps available for sheet piling, H-Beams, pipe & caissons in addition to timber & concrete piles.

Adaptable for underwater, low headroom or box leads operation.

Heavy steel enclosure and fuel-tank subbase protect power unit.

Environmentally friendly Chevron Clarity® non-toxic, biodegradable hydraulic oil.

Designed and manufactured in USA by ICE®.



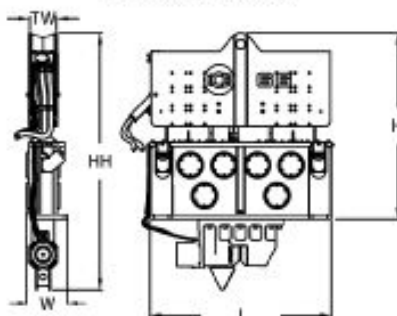
Designed and manufactured in the USA, ICE is a world leader in cost-effective foundation equipment since 1974.

INTERNATIONAL CONSTRUCTION EQUIPMENT, INC.

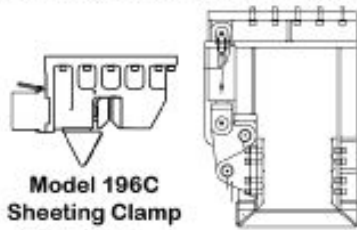
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Dimensions



Clamps & Accessories

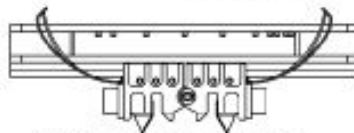


Model 196C Sheeting Clamp

Clamping force
196 tons, 1744 kN
Weight
2,900 lbs, 1315 kg

Model 85 Wood, Concrete & Pipe Clamp

Clamping force
85 tons, 756 kN
Weight
6,500 lbs, 2950 kg



6.5' Caisson Beam with Model 142BH Caisson Clamps

Clamping force
284 tons, 1525 kN
Weight
4,927 lbs, 2236 kg

Other Model 66C Accessories

6' & 12' Caisson beams
10' Clamp extension
Wireless Remote
90° Turning plate
Bias weights
Vibrator stand
Sled for 32" loads

Model 66C Vibrator Specifications

Eccentric moment	6,600 in-lbs	76 kg-m
Maximum frequency	1650 vpm	
Driving force	262 tons	2330 kN
Centrifugal force	255 tons	2270 kN
Amplitude (free w/o clamp)	1.23 in	31 mm
Standard line pull for extracting	70 tons	620 kN
Maximum line pull for extracting	95 tons	845 kN
Weight (no clamp or hoses)	15,250 lbs	6918 kg
Non-vibrating weight	4,560 lbs	2068 kg
Height without clamp (H)	101 in	2550 mm
Length (L)	98 in	2940 mm
Width (W)	22 in	560 mm
Throat width (TW)	14.25 in	362 mm
Hydraulic hose length	150 ft	46 m
Hydraulic hose weight	2,400 lbs	1090 kg
Height with sheeting clamp* (HH)	139 in	3512 mm
Weight with sheeting clamp & 1/2 hoses*	19,250 lbs	8735 kg
Height with beam & caisson clamps*	151 in	3825 mm
Weight with beam & caisson clamps*	26,710 lbs	12115 kg

* See "Clamps and Accessories Manual" for in depth description

Model 800E Power Unit Specifications

Engine	Caterpillar C18	
Power	800 HP	597 kW
Operating speed	1,800 rpm	1800 rpm
Maximum motors pressure	5,500 psi	380 bar
Motors flow (no load)	250 gpm	950 lpm
Clamp pressure	4,500 psi	310 bar
Clamp flow	6 gpm	21 lpm
Weight (w/ full fluid & 1/2 fuel)	26,500 lbs	12020 kg
Length	218 in	5540 mm
Width	80 in	2035 mm
Height	104 in	2630 mm
Hydraulic reservoir	550 gal	2080 liters
Fuel capacity	200 gal	750 liters

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Constant improvement and engineering progress make it necessary that ICE®, Inc. reserve the right to make specification changes without notice. Please consult ICE®

"Due to improvements to ICE manufactured products and the EPA mandated Tier III emission regulations, unit specifications are subject to change without notice. Please contact ICE engineering department to confirm possible changes."