

ICE® Model 142C

Hydraulic Vibratory Driver/Extractor with Model 1200G Power Unit



Highest centrifugal force (3580 kN) in its class.

Design combines high eccentric moment (142 kg-m) & suspended weight w/quad caisson clamps under 25000 kg.

Twin (444 kW) CAT C15 Tier 3 (Stage IIIA) engines meet all EPA & EU emission regulations.

Up to 1800 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.

Quad caisson clamps for largest diameter pipe.

Maximum efficiency and reliability ensured by our open-loop hydraulic system. Highest quality, reliable piston pumps and motors.

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

Adaptable for underwater operation.

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



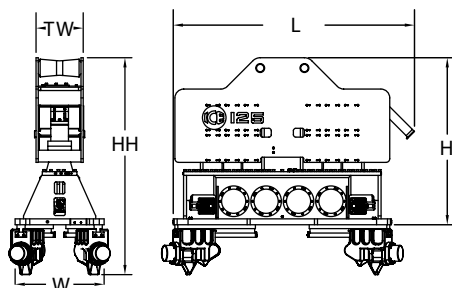
INTERNATIONAL CONSTRUCTION EQUIPMENT, INC.

ICE® Model 142C

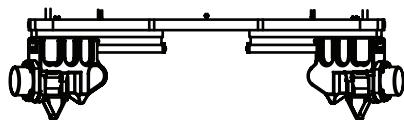
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Dimensions



Clamps & Accessories



**Four Model 142BH
Caisson Clamps
on 4' H-Bars**

Clamping force
568 tons, 5062 kN
Weight
9,604 lbs, 4356 kg

Other Model 142C Accessories

Wireless remote

Model 142C Vibrator Specifications

Eccentric moment	142 kg-m
Maximum frequency	1500 vpm
Centrifugal force	3580 kN
Amplitude (free w/o clamp)	19 mm
Standard line pull for extracting	1800 kN
Maximum line pull for extracting	1800 kN
Weight (no clamp or hoses)	19900 kg
Non-vibrating weight	5000 kg
Height without clamp (H)	2880 mm
Length (L)	4160 mm
Width (W)	1535 mm
Throat width (TW)	813 mm
Hydraulic hose length	46 m
Hydraulic hose weight	1090 kg
Height with sheeting clamp* (HH)	
Weight with sheeting clamp & 1/2 hoses*	
Height with beam & caisson clamps* (HH)	3740 mm
Weight with beam & caisson clamps*	24775 kg

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

Model 1200G Power Unit Specifications

Engine	Twin CAT C15
Power	887 kW
Operating speed	1900 rpm
Max. motors pressure	380 bar
Motors flow (no load)	1045 lpm
Clamp pressure	310 bar
Clamp flow	22 lpm
Weight (w/ full fluid & 1/2 fuel)	14740 kg
Length	5700 mm
Width	2135 mm
Height	2900 mm
Hydraulic reservoir	2080 liters
Fuel capacity	1625 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® for the latest available information.

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