

# ICE® Model 300C Hydraulic Vibratory Driver/ Extractor with Model 2400G Power Unit



## Improvements & Advantages of New ICE Vibratory Hammer 300C

- > Higher Eccentric Moment of 300 kgm compared with 286 kgm for comparable model
- > Higher Centrifugal Force of 7168 kN compared with 6150 kN for comparable model
- > Higher Amplitude of 25.4 mm compared with 21 mm for comparable model
- > Lighter Weight of 373 kN compared with 431 kN for comparable model
- > With a lighter hammer, you would require a smaller crane and greater reach for the same job.
- > A smaller & more Compact design, resulting in better handling.

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

Integral quad caisson clamps for optimizing force transmission.

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, low headroom or box leads operation.

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

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

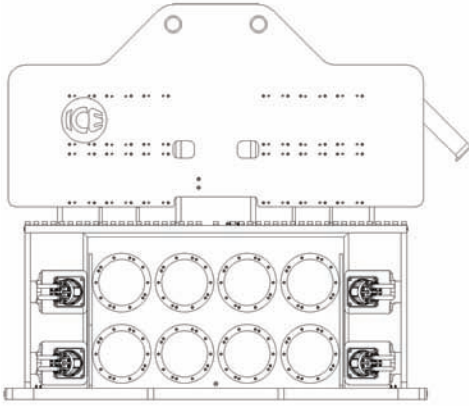


# ICE® Model 300C

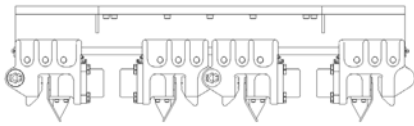
## Hydraulic Vibratory Driver/ Extractor with Model 2400G Power Unit



### Dimensions



### Clamps & Accessories



#### Model 225BH Four Caisson Clamps

Clamping force  
900 tons, 8009 kN  
Weight  
19,025 lbs, 8630 kg

#### Other Accessories

Speciality Clamp Sets

### Model 300C Vibrator Specifications

Eccentric moment	300 kg-m
Frequency	1475 vpm
Centrifugal force	7168 kN
Amplitude (free w/o clamp)	25.4 mm
Maximum line pull for extraction	4000 kN
Weight (no clamp or hoses)	38000 kg
Non-vibrating weight	5000 kg
Height without clamp (H)	4070 mm
Length (L)	4826 mm
Width (W)	1626 mm
Throat width (TW)	1041 mm
Hydraulic hose length	45 m
Hydraulic hose weight	1088 kg

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

### Model 2400G Power Unit Specifications

Engine	Quad CAT C15 Tier3
Power	1775 kW
Maximum operating speed	1950 rpm
Maximum motors pressure	380 bar
Maximum motors flow (no load)	2400 lpm
Weight (w/ full fluid & fuel)	29,000 kg
Length	10668 mm
Width	2438 mm
Height	2591 mm
Hydraulic reservoir	4007 liters
Fuel capacity	1418 liters
Hydraulic System	Open Loop

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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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