



International Construction Equipment
301 Warehouse Drive
Matthews, NC 28104
Phone: 704 821-8200
Email info@iceusa.com

ICE® Model 216B Hydraulic Vibratory Driver/ Extractor with Model 175D Power Unit



Patented design combines high eccentric moment (1,100 in-lb, 12.7 kg-m) and low suspended weight with clamp (5,100 lbs, 2315 kg).

Lighter weight provides for increased reach or use with smaller cranes.

Up to 40 tons (363 kN) line pull for extracting.



Light-weight gear case design provides maximum pile amplitude.

Heavy-duty, two-piece clamp minimizes headroom requirements reducing suspended weight thereby increasing pile amplitude and drivability.

Jaw design distributes gripping force over a large area to protect the pile while driving single or double sheets. Pipe jaws available.

Optional 2,050 lbs of bias weights increase pile penetration rates in difficult soils.

30-ton or 40-ton elastomer suppressor for pile extraction.

174 HP (130 kW) Caterpillar 3056E diesel engine for reliability and easy parts and service access.

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

Remote-control pendant for vibrator and clamp with emergency stop.

Maximum efficiency and reliability are provided by an open-loop hydraulic system and application proven gear pumps and motor.

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

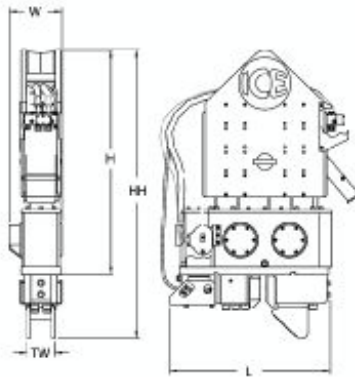
Designed and manufactured in the USA by ICE®, world leader in cost-effective foundation equipment since 1974.

INTERNATIONAL CONSTRUCTION EQUIPMENT, INC.

ICE® Model 216B Hydraulic Vibratory Driver/ Extractor with Model 175D Power Unit



Dimensions

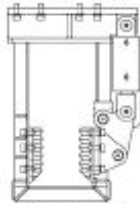


Clamps & Accessories



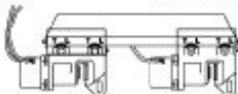
Model 216 Universal Clamp

Clamping force
50 tons, 445 kN
Weight
866 lbs, 393 kg



Model 40 Wood, Concrete & Pipe Clamp

Clamping force
40 tons, 355 kN
Weight
3,220 lbs, 1460 kg



3' Caisson Beam with Model 100BH Caisson Clamps

Clamping force
220 tons, 1950 kN
Weight
3,010 lbs, 1375 kg

Other Model 216B Accessories

Bias weights
Pipe Clamp Jaws

Model 216B Vibrator Specifications

Eccentric moment	1100 in-lbs	12.7 kg-m
Maximum frequency	800-1750	
Driving force	50 tons	432 kN
Centrifugal force	48 tons	413 kN
Amplitude (free w/o clamp)	0.94 in	24 mm
Standard line pull for extracting	30 tons	272 kN
Maximum line pull for extracting	40 tons	363 kN
Weight (no clamp or hoses)	4230 lbs	1919 kg
Non-vibrating weight	1900 lbs	862 kg
Height without clamp (H)	69 in	1755 mm
Length (L)	59 in	1480 mm
Width (W)	16.5 in	415 mm
Throat width (TW)	13 in	330 mm
Hydraulic hose length	100 ft	30 m
Hydraulic hose weight	850 lbs	385 kg
Height with sheeting clamp* (HH)	89 in	2250 mm
Weight with sheeting clamp & 1/2 hoses*	5100 lbs	2315 kg
Height with beam & caisson clamps*	98 in	2490 mm
Weight with beam & caisson clamps*	7240 lbs	3295 kg

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

Model 175D Power Unit Specifications

Engine	Caterpillar 3056E	
Power	174 HP	130 kW
Operating speed	2100 rpm	2100 rpm
Max. motors pressure	3500 psi	240 bar
Motors flow(no load)	75 gpm	285 lpm
Clamp pressure	2500 psi	172 bar
Clamp flow	7 gpm	27 lpm
Weight (w/ full fluid & 1/2 fuel)	9310 lbs	4225 kg
Length	110 in	2795 mm
Width	56 in	1422.4 mm
Height	76 in	1930 mm
Hydraulic reservoir	275 gal	1040 liters
Fuel capacity	122 gal	460 liters

International Construction Equipment, Inc.
301 Warehouse Drive
Matthews, NC 28104 USA
888-ICE-USA1 / 704-821-8200
sales@iceusa.com / www.iceusa.com

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.

©International Construction Equipment, Inc. All rights reserved. May 2010.

UV-216B-Sept-2010

"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."