

# ICE® Model 200C with 1600E Power Unit Vibratory Driver/ Extractor



America's largest vibratory hammer

Highest centrifugal force (640 tons, 5675 kN) of any USA vibratory hammer

Design combines large eccentric moment and high frequency

Combined 1600 HP (1194 kW) - Twin CAT C18 Tier 2 engines meet all EPA & EU emission standards

250 ton (2250 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.

Integral quad caisson clamps for optimizing force transmission.

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

Engine speed control for fuel efficiency.

Maximum efficiency and reliability ensured by our open-loop hydraulic system.

Highest quality, reliable piston pumps and motors.

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



## ICE® 200C Vibratory Driver/ Extractor

Eccentric Moment	20,000 in-lbs	230 kg-m
Frequency	1500 vpm	
Centrifugal Force	640 tons	5675 kN
Amplitude	0.78 in-lbs	20 mm
Line Pull for Extracting	250 tons	2250 kN
Clamps	4x142BH	
Vibrator Weight	77,600 lb	35200 kg
Clamps & H-bars Weight*	12,544 lb	5690 kg
Non-vibrating Weight	24,200 lb	10990 kg
Hose Weight (150')	3,110 lb	1410 kg
Suspended Weight**	91,200 lb	41600 kg
Length	19 ft	5800 mm
Height	130 in	3280 mm
Height with clamps	136 in	3430 mm
Width	73 in	1855 mm
Throat Width	54 in	1375 mm

\*With 30" & 80" H-bars and four Model 142BH clamps

\*\* With vibrator, clamps, H-bars and 1/2 hoses.

## ICE® 1600E Power Unit

Engine	Twin CAT C18 Tier 2	
Power	1600 HP	1194 kW
Operating Speed	1800 rpm	1800 rpm
Max Motors Pressure	5500 psi	380 bar
Motors Flow w/o load	375 gpm	1325 lpm
Clamp Pressure	4500 psi	310 bar
Clamp Flow	6 gpm	23 lpm
Weight w/ full fluid & 1/2 fuel	45,850 lbs	20800 kg
Length	396 in	10060 mm
Width	80 in	2035 mm
Height	104 in	2630 mm
Hydraulic Oil Capacity	1000 gal	3800 L
Fuel Capacity	700 gal	2650 L

Designed and manufactured in USA by ICE®

World leader in cost-effective foundation equipment since 1974.