



International Construction Equipment
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ICE® Model 200C Vibratory Driver/Extractor with 1600E Power Unit



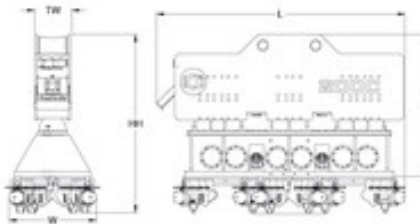
WWW.ICEUSA.COM
 888-ICE-USA1

America's largest vibratory hammer

Highest centrifugal force (640 tons, 5690 kN) of any USA vibratory hammer
 Design combines large eccentric moment (20,000 in-lbs, 230 kg-m) & high frequency (1500 vpm)
 Combined 1600 HP (1194 kW) - Twin CAT C18 - meet current EPA Flexibility engine emission regulations
 250 ton (2250 kN) line pull for extraction



ICE® 200C Vibratory Driver/Extractor		
Eccentric moment	20,000 in-lbs	230 kg-m
Maximum frequency	1500 vpm	
Driving Force	675 tons	5990 kN
Centrifugal force	640 tons	5690 kN
Amplitude (free w/o clamp)	0.78 in	20 mm
Standard line pull for extracting	250 tons	2250 kN
Maximum line pull for extracting	250 tons	2250 kN
Cassion Clamps	4x180	
Weight (no clamp or hoses)	77,600 lbs	35200 kg
Non-vibrating Weight	24,200 lbs	10990 kg
Height without clamp (H)	130 in	3280 mm
Length (L)	228 in	5800 mm
Width (W)	73 in	1855 mm
Throat width (TW)	54 in	1375 mm
Hydraulic hose length	150 ft	45 m
Hydraulic hose weight	3,110 lbs	1410 kg
Height with beam & caisson clamps	170 in	4280 mm
Weight w/ 80"H, caisson clamps & 1/2 hoses	92,995 lbs	42180 kg



ICE® 1600E Power Unit		
Engine	Twin CAT C18	
Emissions rating	EPA Flex	EU Flex
Power	1600 HP	984 kW
Operating speed	1900 rpm	1900 rpm
Maximum motors pressure	5500 psi	380 bar
Motors flow (no load)	375 gpm	1425 lpm
Clamp pressure	4500 psi	310 bar
Clamp flow	6 gpm	20 lpm
Weight (w/ full fluid & 1/2 fuel)	48,450 lbs	20800 kg
Length	33 ft	10060 mm
Width	80 in	2035 mm
Height	104 in	2640 mm
Hydraulic oil capacity	1000 gal	3785 liters
Fuel Capacity	700 gal	2650 liters

DESIGNED AND MANUFACTURED IN USA BY ICE®

WORLD LEADER IN COST-EFFECTIVE FOUNDATION EQUIPMENT SINCE 1974.

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.

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



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 & reliability ensured by our open-loop hydraulic system.

Highest quality, reliable piston pumps and motors.

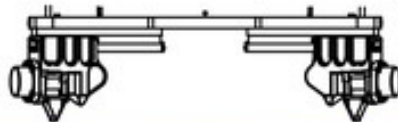
Adaptable for underwater, tandem and multiple operation.

Environmentally friendly, non-toxic, biodegradable hydraulic oil.



Four ICE Model 145W Caisson Clamps on 4 - 33" H-Bars			Pile Diameter Specification		
Clamping Force	1568 tons	5040 kN	Minimum ID	38.25 in	970 mm
Weight	11,160 lbs	3704 kg	Maximum OD	68 in	1727 mm

Four ICE Model 180 Caisson Clamps on 4 - 80" H-Bars			Pile Diameter Specification		
Clamping Force	784 tons	6976 kN	Minimum ID	80 in	2030 mm
Weight	13,840 lbs	6272 kg	Maximum OD	172 in	4370 mm



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"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."