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ICE® Model 28D Hydraulic Vibratory Driver/Extractor with Model 350G Power Unit



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Design combines high eccentric moment and suspended weight with clamp under 10,500 lbs.
 Lighter weight for increased reach or use with smaller cranes.
 Reduced height for better access in low-overhead situations.
 Up to 100 tons (900 kN) line pull for extraction.

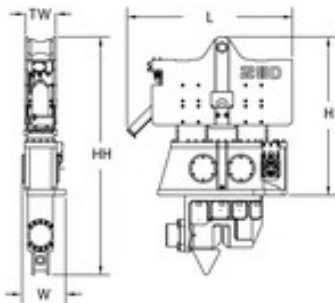


ICE Model 28D Vibratory Pile Hammer

Eccentric moment	2,800 in-lbs	32 kg-m
Maximum frequency	1700 vpm	
Driving Force	120 tons	1055 kN
Centrifugal force	115 tons	1020 kN
Amplitude (free w/o clamp)	1.2 in	29 mm
Standard line pull for extracting	100 tons	900 kN
Maximum line pull for extracting	100 tons	900 kN
Weight (no clamp or hoses)	7,480 lbs	3395 kg
Non-vibrating Weight	2,620 lbs	1190 kg
Height without clamp (H)	82 in	2075 mm
Length (L)	77 in	1940 mm
Width (W)	21 in	530 mm
Throat width (TW)	14.25 in	362 mm
Hydraulic hose length	150 ft	45 m
Hydraulic hose weight	1,425 lbs	645 kg
Height with sheeting clamp (HH)	120 in	3040 mm
Weight with sheeting clamp & 1/2 hoses	10,390 lbs	4715 kg
Height with beam & caisson clamps	113 in	2855 mm
Weight with beam, caisson clamps & 1/2 hoses	12,800 lbs	5810 kg

ICE Model 350G Power Unit

Engine	Caterpillar C9	
Emissions rating	EPA Flex	EU Flex
Power	350 HP	261 kW
Operating speed	1850 rpm	1850 rpm
Maximum motors pressure	5500 psi	380 bar
Motors flow (no load)	95 gpm	365 lpm
Clamp pressure	4500 psi	310 bar
Clamp flow	6 gpm	20 lpm
Weight (w/ full fluid & 1/2 fuel)	11,350 lbs	5150 kg
Length	130 in	3300 mm
Width	63 in	1600 mm
Height	87 in	2200 mm
Hydraulic oil capacity	275 gal	1040 liters
Fuel Capacity	118 gal	445 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.

ICE® Model 28D Hydraulic Vibratory Driver/Extractor with Model 350G Power Unit



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

350HP (261 kW) CAT C9 Tier 3 (Stage IIIA) engine meets current EPA/EU Flex engine emission regulations.

Optional 2,970 lbs (1345 kg) bias weights increases pile penetration rates in difficult soils.

Environmentally friendly non-toxic, biodegradable hydraulic oil.

Maximum efficiency and reliability are provided by our open-loop hydraulic system. Highest quality reliable piston pumps and motor.



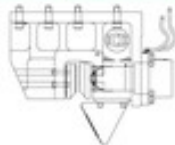
Remote-control pendant for vibrator and clamp with emergency stop. Engine speed control for fuel efficiency.

Full range of clamps available for sheet piling, H-Beams, pipe & caissons in addition to timber & concrete piles.

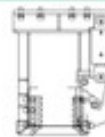
Adaptable for underwater, low headroom or box leads operation.

Clamps & Accessories

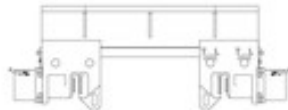
ICE Model 140C Sheeting Clamp		
Clamping Force	140 tons	1245 kN
Weight	2200 lbs	1000 kg



ICE Model 40 Wood Concrete and Pipe Clamp		
Clamping Force	40 tons	355 kN
Weight	3220 lbs	1460 kg



ICE 6.5' HD Beam and Two Model 105H Clamps		
Clamping Force	220 tons	1975 kN
Weight	4320 lbs	1960 kg



ICE Model 75 Wood Concrete and Pipe Clamp		
Clamping Force	75 tons	670 kN
Weight	65500 lbs	2970 kg

Other Model 28D Accessories
 10' Clamp extension
 90° Turning plate
 Bias weights
 Vibrator stand
 Wireless remote

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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."