

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



Patented design combines high eccentric moment (2,800 in-lbs, 32 kg-m) and suspended weight with clamp under 9,800 lbs (4445 kg).

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

Reduced height for better access in low-overhead situations.

Up to 55 tons (490 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.

350HP (261 kW) CAT C9 Tier 3 (State IIIA) engine meets all EPA & EU emission regulations.

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

Maximum efficiency and reliability are provided by our open-loop hydraulic system and application proven 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.

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.

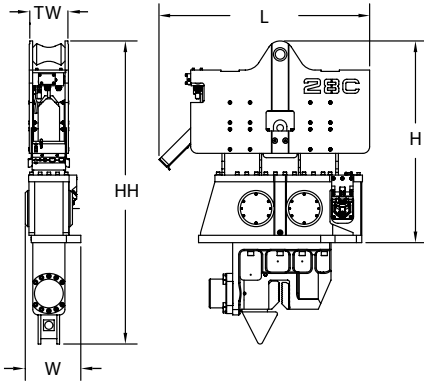


# ICE® Model 28C

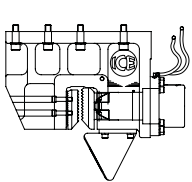
## Hydraulic Vibratory Driver/ Extractor with Model 350G Power Unit



### Dimensions

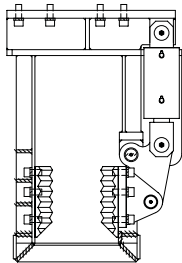


### Clamps & Accessories



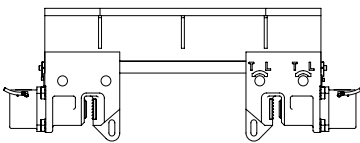
**Model 140C  
Sheeting Clamp**

Clamping force  
140 tons, 1245 kN  
Weight  
2,200 lbs, 1000 kg



**Model 40  
Wood, Concrete  
& Pipe Clamp**

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



**6.5' Caisson Beam with  
Model 100BH Caisson Clamps**

Clamping force  
220 tons, 1975 kN  
Weight  
4,610 lbs, 2090 kg

### Other Model 28C Accessories

10' Clamp extension  
90° Turning plate  
Bias weights  
Vibrator stand  
Wireless remote

### Model 28C Vibrator Specifications

Eccentric moment	2,800 in-lbs	32 kg-m
Maximum frequency	1700 vpm	
Driving force	118 tons	1050 kN
Centrifugal force	115 tons	1023 kN
Amplitude (free w/o clamp)	1.2 in	30 mm
Standard line pull for extracting	55 tons	490 kN
Maximum line pull for extracting	55 tons	490 kN
Weight (no clamp or hoses)	6,880 lbs	3121 kg
Non-vibrating weight	2,140 lbs	971 kg
Height without clamp (H)	76 in	1915 mm
Length (L)	79 in	2000 mm
Width (W)	21 in	527 mm
Throat width (TW)	14.25 in	362 mm
Hydraulic hose length	150 ft	46 m
Hydraulic hose weight	1,425 lbs	646 kg
Height with sheeting clamp* (HH)	114 in	2877 mm
Weight with sheeting clamp & 1/2 hoses*	9,795 lbs	4442 kg
Height with beam & caisson clamps*	108 in	2750 mm
Weight with beam & caisson clamps*	12,200 lbs	5535 kg

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

### Model 350G Power Unit Specifications

Engine	Caterpillar C9	
Power	350 HP	261 kW
Operating speed	1,850 rpm	1850 rpm
Max. motors pressure	5,500 psi	380 bar
Motors flow (no load)	97 gpm	367 lpm
Clamp pressure	4,500 psi	310 bar
Clamp flow	6 gpm	24 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 reservoir	275 gal	1040 liters
Fuel capacity	118 gal	445 liters

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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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