



International Construction Equipment  
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## ICE® Model 28B Hydraulic Vibratory Driver/ Extractor with Model 350E Power Unit



Maximum eccentric moment without increasing hammer width due to heavy-metal eccentric technology.

Patented design combines high eccentric moment (2,800 in-lbs, 32 kg-m) and suspended weight with clamp under 11,000 lbs (4900 kg).

Up to 54 tons (480 kN) line pull for extraction.

28B



Patented on-the-hammer breaking valve minimizes unwanted boom shake.

Tier III Engine senses changes in operating conditions and automatically changes speed, injection timing & air/fuel ratio.

Electronic solution creates warnings, provides diagnosis, pinpoints repair needs, and logs operating history.

Internal holding valves and heavy one-piece wall cylinders eliminate the need for clamp cylinder guards.

Fuel efficiency features including remote pendant with speed control and emergency stop.

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

Add 2400 lbs of driving weight with our optionally available bias weights to easily tackle high friction and difficult soils.

Super-tough and unmatched 20-year forged gears.

Provides the industry's highest working load safety factor with 54-ton elastomeric suppressor.

Maximizes uptime with oversized components.

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





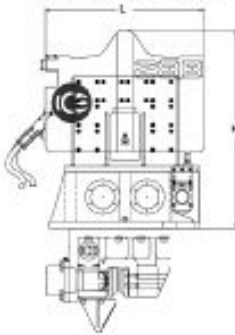
Designed and manufactured in the USA by ICE®, world leader in cost-effective foundation equipment since 1974.

## INTERNATIONAL CONSTRUCTION EQUIPMENT, INC.

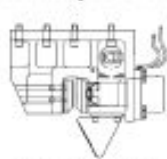
# ICE® Model 28B Hydraulic Vibratory Driver/ Extractor with Model 350E Power Unit



### Dimensions

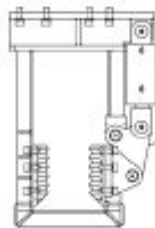


### Clamps & Accessories



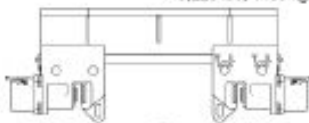
#### Model 140C Sheeting Clamp

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



#### 5' Caisson Beam with Model 100BH Caisson Clamps

Clamping force  
220 tons, 1975 kN  
Weight  
2,960 lbs, 1356 kg

#### Other Model 28B Accessories

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

### Model 28B Vibrator Specifications

Eccentric moment	2,800 in-lbs	32 kg-m
Maximum frequency	1700 vpm	
Driving force	123 tons	1097 kN
Centrifugal force	119 tons	1062 kN
Amplitude (free w/o clamp)	1.1 in	29 mm
Standard line pull for extracting	54 tons	480 kN
Maximum line pull for extracting	54 tons	480 kN
Weight (no clamp or hoses)	7,750 lbs	3515 kg
Non-vibrating weight	2,960 lbs	1342 kg
Height without clamp (H)	80 in	2032 mm
Length (L)	77 in	1943 mm
Width (W)	21 in	524 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)	121 in	3070 mm
Weight with sheeting clamp & 1/2 hoses*	10,665 lbs	4838 kg
Height with beam & caisson clamps*	113 in	2870 mm
Weight with beam & caisson clamps*	10,740 lbs	4871 kg

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

### Model 350E 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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"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."