



International Construction Equipment  
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## **ICE® MODEL 6E EXCAVATOR - MOUNTED HYDRAULIC VIBRATORY DRIVER/EXTRACTOR**



Excavator-mounted unit for maximum mobility.  
High speed (2500 vpm) and high driving force (50 tons, 430 kN)  
for maximum production.  
Crowd with 16.5 tons (147 kN) of force for highest driving rates.

Excavator bucket circuit provides all hydraulic requirements.

Gear case design provides maximum vibrator speed and light weight.

Clamps available for single & double sheet piling, H-Beams, caissons to 4' (1220 mm), timber, concrete and pipe piles.

Optional gooseneck available for longer piles and greater reach.

Drives and extracts H-Beams, sheet piles, trench plates, pipe piles, guardrail posts and more.

360° swivel allows approach to task from any direction.

Adaptable for underwater operation.

Offered in USA by ICE®, world leader in cost-effective foundation equipment since 1974.



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**INTERNATIONAL CONSTRUCTION EQUIPMENT, INC.**

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# ICE® MODEL 6E EXCAVATOR - MOUNTED HYDRAULIC VIBRATORY DRIVER/EXTRACTOR



## Model 6E Excavator-Mounted Vibrator

Eccentric moment	545 in-lbs	6.25 kg-m
Maximum frequency	2500 vpm	
Maximum driving force	50 tons	430 kN
Maximum centrifugal force	46 tons	428 kN
Amplitude (free w/o clamp)	0.67 in	17 mm
Maximum line pull for extracting	16.5 tons	147 kN
Maximum crowd capability	16.5 tons	147 kN
Weight without clamp	2630 lbs	1193 kg
Weight with Model 6E clamp	3400 lbs	1542 kg
Weight with Model 90 clamp	4480 lbs	1683 kg
Non-vibrating weight	1010 lbs	457 kg
Height to pin without clamp (H)*	31 in	777 mm
Height with Model 6E clamp (HH)*	50 in	1274 mm
Height with Model 90 clamp (HH)*	59 in	1500 mm
Length (L)	51 in	1283 mm
Width (W)	32 in	800 mm
Throat width (TW)	13.8 in	350 mm
Maximum pressure	4500 psi	320 bar
Required flow	53 gpm	200 lpm

\* Does not include excavator stick yoke that adds 16"-20" (400-510 mm)

## Performance with CAT 330C excavator

Frequency at low pressure	2500 vpm	42 Hz
Frequency at high pressure	1700 vpm	28 Hz

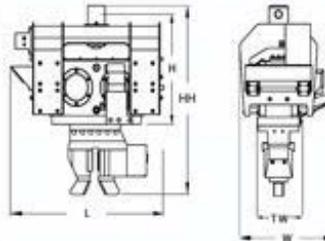
## Performance with CAT 325C excavator

Frequency at low pressure	2500 vpm	42 Hz
Frequency at high pressure	1450 vpm	24 Hz

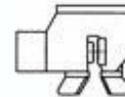
Constant improvement and engineering progress make it necessary that ICE®, Inc reserve the right to make specification changes without notice. Please consult ICE® for the latest available information.

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## Dimensions

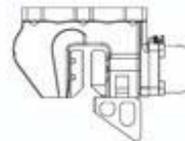


## Clamps & Accessories



### Model 6E Sheeting Clamp

Clamping force  
72 tons, 650 kN  
Weight  
684 lbs, 310 kg



### Model 90 Sheeting Clamp

Clamping force  
90 tons, 808 kN  
Weight  
1080 lbs, 490 kg

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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."